

# The Largest Selection of Wiring Devices for Construction and Maintenance



Building a Connected World

2006

1906

FOR OVER 100 YEARS



**LEVITON**

**L•100**

A World of Connections for Industrial,  
Commercial and Residential Applications





# Leviton Celebrates 100 Years As A Leading Supplier

Since 1906, Leviton has been committed to serving you, no matter which market you serve. Our Centennial L-100 catalog offers a comprehensive selection of Leviton products for Industrial, Commercial and Residential construction and maintenance—all designed to the highest standards of quality, dependability and performance.





# Leviton L-100 Comprehensive Wiring Device Catalog

## The Largest Selection for Industrial, Commercial and Residential Construction

Products in this catalog are Listed by Underwriter's Laboratories Inc., and Certified by the Canadian Standards Association unless otherwise indicated. Permission is hereby granted for reproduction of any parts of this book for the express purpose of using such reproductions in the process of preparing specifications and/or bids in which Leviton products are indicated. With the exception of the above usage, and for the purpose of quotation or reproduction of brief examples used in reviews of this work by periodical publications, all other quotation and/or reproduction is strictly forbidden without the express written consent of Leviton Manufacturing Co., Inc.

*Note: Because Leviton engages in a continuous program of product improvement, data in this catalog is subject to change without notice.*

**Leviton Manufacturing Co., Inc.**, 59-25 Little Neck Parkway, Little Neck, New York 11362-2591  
1-800-323-8920 • Fax 1-800-832-9538 • Techline: 1-800-824-3005 • Website: [www.leviton.com](http://www.leviton.com)  
©2005 by Leviton Manufacturing Co., Inc. All rights reserved. U.S. and Foreign Patents Pending





**ABOUT LEVITON—vi–ix; HOW TO USE THIS CATALOG—x, D18, G18, H8, K18, T6, U6  
CATALOG NUMBER ALPHANUMERIC INDEX (last section)—Index pages 1–16**

## SECTION A Acenti Collection



**Acenti® Collection**  
Overview ..... **A2**  
**Acenti Lighting Controls**  
Dimmers and Fan Speed Control ..... **A3**  
**Acenti Switches**  
15A and 20A Switches ..... **A4**  
Electronic Timer Switch ..... **A4**

**Acenti Receptacles**  
Triplex and Duplex ..... **A5**  
GFCI and Surge Protective  
Receptacles ..... **A5**  
**Acenti Wallplates** ..... **A6**

## SECTION B Decora Devices



Illuminated, Pilot Light ..... **B8**  
Decora 911 Emergency Flasher ..... **B8**  
**Industrial and Commercial Grade Receptacles**  
Decora Receptacles Overview ..... **B9**  
Decora Plus Receptacles ..... **B10, B11**  
**Residential Grade Receptacles**  
Decora Quickwire and Side Wired ..... **B12**  
**Hospital and Industrial Grade Surge Suppressor Receptacles**  
Decora Back and Side Wired ..... **B13**  
**SmartLock® GFCI Receptacles**  
SmartLock Overview ..... **B14**  
GFCI Receptacles ..... **B15**  
Combination Switch/GFCI  
Outlet ..... **B15**  
Blank Face, Switch Rated ..... **B15**  
**Commercial Grade Devices**  
Decora Combination Devices **B16, B17**

Decora Voice/Data/Video Devices **B18**  
Decora Plus Canadian 347V AC  
Quiet Rocker Switches ..... **B19**  
Canadian 347V Midway Nylon  
Wallplates ..... **B19**  
**Wallplates**  
Decora Plus Screwless Snap-On ..... **B20**  
Decora Thermoset, Thermoplastic  
and Metal ..... **B21–B23**  
Adapters ..... **B24**  
Replacement Screws ..... **B24**  
**Elements by Decora**  
Elements Overview ..... **B25**  
Elements Devices ..... **B26**

General Overview ..... **B2**  
Decora Switch Overview ..... **B3**  
**Commercial Grade Switches**  
Decora Plus AC Quiet  
Rocker Switches ..... **B4**  
Decora Plus Momentary and  
Maintained Switches ..... **B5**  
Decora Plus Illuminated and  
Pilot Light Switches ..... **B6**  
**Residential Grade Switches**  
Decora AC Quiet  
Rocker Switches ..... **B7, B8**

## SECTION C Lighting and Fan Speed Controls



**Ganging and Derating Lighting Controls** ..... **C17**  
**Mural Lighting Controls**  
Overview ..... **C18**  
Mural® L/S Preset Decora Digital  
Dimmers ..... **C19**  
Mural® Decora Digital Dimmers ..... **C20**  
Mural® Decora Scene Controls **C21, C22**  
**Touch Lighting Controls**  
Overview ..... **C23**  
TouchPoint™ Decora  
Preset Dimmer ..... **C24**  
True Touch™ Decora Digital Touch  
Dimmer ..... **C25**  
ToggleTouch™ Touch Pad Dimmer ..... **C26**  
**Traditional Lighting Controls**  
Overview ..... **C27**  
IllumaTech™ Decora Preset Slide  
Controls ..... **C28**

IllumaTech™ Decora  
Rotary Controls ..... **C29**  
IllumaTech™ Decora Slide-To-Off  
Slide Controls ..... **C30**  
SureSlide™ Decora Controls ..... **C31**  
Trimatron™ Deluxe Rotary Controls **C32**  
**Incandescent Lighting Controls**  
Toggle Dimmers ..... **C33**  
Decora 911 Flasher Switch ..... **C33**  
4-Level Step Dimmer ..... **C34**  
Feed-Through Lamp Cord  
Dimmers ..... **C34**  
Tabletop Dimmer ..... **C34**  
Full-Range Dimmer Socket ..... **C34**

**Architectural Lighting Control Systems**  
Dimensions™ D3200 ..... **C2–C5**  
Dimensions™ D4200 ..... **C6, C7**  
Power Extenders ..... **C8**  
Dimensions™ a-2000 Modular  
Dimming Cabinets ..... **C9**  
**Architectural Specification**  
Overview ..... **C10**  
Monet® Controls ..... **C11, C12**  
Monet® Multi-Gang Wallplates ..... **C13**  
Renoir® Preset Slide Controls **C14, C15**  
Van Gogh® Rotary Dimmers ..... **C16**

## SECTION D Energy Management Products



Multi-Tech Ceiling Mount  
Occupancy Sensor ..... **D6**  
Ultrasonic Ceiling Mount  
Occupancy Sensor ..... **D7**  
Infrared Ceiling Mount  
Occupancy Sensor ..... **D8**  
Multi-Tech Wall Mount  
Occupancy Sensor ..... **D9**  
Infrared Wide-View Wall Mount  
Occupancy Sensor ..... **D10**  
Infrared High-Bay Wall Mount  
Occupancy Sensor ..... **D10**  
Infrared Long-Range Wall Mount  
Occupancy Sensor ..... **D10**  
Power Packs for  
Occupancy Sensors ..... **D11**  
Infrared Outdoor Motion Sensors **D12**

**Centura System**  
Centura® Fluorescent Energy  
Management System ..... **D13, D14**  
**Timed Lighting Controls**  
Decora Plus Electronic  
Timer Switches ..... **D15**  
Decora Programmable Electronic  
Timer Switches ..... **D16**  
Variable Countdown  
Timer Switch ..... **D16**  
Z-MAX Relay Cabinets ..... **D17**

**Occupancy Sensor Lighting Controls**  
Overview ..... **D2**  
Decora Wall Switch Infrared  
Occupancy Sensors ..... **D3, D4**  
Decora Dual-Relay Wall Switch  
Infrared Occupancy Sensor ..... **D3**  
Self-Contained Infrared Ceiling Mount  
Occupancy Sensor ..... **D5**

## SECTION E Wallplates



Single Receptacle ..... **E12**  
Telephone or Cable Outlet,  
Box Mount ..... **E13, E14**  
Telephone or Cable Outlet,  
Strap Mount ..... **E14, E15**  
Blank, Box Mount ..... **E16, E17**  
Blank, Strap Mount ..... **E17, E18**  
Power Outlet Receptacles ..... **E19, E20**  
Two-Gang with Centered Opening ..... **E21**  
Louvre Plates ..... **E22**  
**Combination Wallplates**  
Toggle and Single Receptacle ..... **E23**  
Toggle and Duplex  
Receptacle ..... **E23, E24**  
Toggle and Decora/GFCI ..... **E25**  
Toggle and Blank ..... **E26**

Standard Combinations—  
2-Gang ..... **E26–E28**  
Standard Combinations—  
3-Gang/4-Gang ..... **E28**  
Sectional for Multi-Gang  
Installations ..... **E29**  
Hot Stamped and Engraved ..... **E29, E30**  
Voice/Data/CATV ..... **E31**  
**Weather Resistant Covers**  
Raintight While-In-Use ..... **E32**  
Industrial Grade ..... **E33**  
Die-cast Zinc ..... **E34**  
Thermoplastic ..... **E35**  
Stainless Steel Lockout ..... **E34, E35**  
Accessories ..... **E36**  
Custom Wallplates ..... **E37–E40**

Decora® Plus Screwless  
Snap-On ..... **E2, E4, E5**  
Decora® ..... **E3, E4, E5**  
Wallplate Overview ..... **E6**  
Toggle ..... **E7–E9**  
Duplex Receptacle ..... **E10, E11**





**SECTION F**  
**AC Switches**



<b>Industrial Grade Switches</b>	Toggle	F3
Overview	Locking	F3
Back and Side Wired	Canadian 347V AC	F3

Pilot Light	F4	Toggle	F12
Lighted Handle	F4	Hospital Call	F12
Maintained Contact	F5	Canadian 120/277V AC	F12
Momentary Contact	F5	Lighted Toggle	F13
Side Wired	F6	Canadian 347V AC	F13
Toggle	F6	Framed Toggle	F13
Locking	F6	Surface Mount	F13
AC Manual Motor and	F7	<b>Residential Grade Switches</b>	
Welder Starting	F7	Quickwire and Sidewire	F13
Safety Disconnect Switches	F8, F8	Illuminated Toggle	F13
Key Lock Power	F10	CO/ALR	F13
<b>Commercial Grade Switches</b>			
Overview	F11		
Back and Side Wired	F12		
Toggle	F12		
Side Wired	F11		

**SECTION G**  
**Straight Blade Receptacles**



<b>Overview</b>	G2	Isolated Ground	G3
<b>Hospital Grade</b>	G3	Four-In-One	G3
Back and Side Wired	G3		

<b>Industrial Grade</b>		<b>Residential Grade</b>	
Back and Side Wired	G4	Quickwire Push-In	G16
Side Wired	G4	Quickwire Push-In and	
Isolated Ground	G4	Side Wired	G16
Dual Voltage	G4	Side Wired	G16, G17
Clock Hanger	G4	CO/ALR	G16
Four-In-One	G5	Clock Hanger	G17
<b>Power Devices</b>	G6-G11	Snap-In Devices	G17
<b>Commercial Grade</b>			
Overview	G12		
Back and Side Wired	G13, G15		
Dual-Voltage	G13		
Side Wired	G14, G15		
Brass Floorbox Assembly	G14		
QuickPort® Snap-In Jacks,			
with Brass Floorplates	G15		

**SECTION H**  
**GFCI Personnel Protection Devices**



<b>Overview</b>	H2-H5	SmartLock® GFCI Devices	H2-H5
<b>Hospital Grade</b>	H2-H3	Overview	H2-H3
Back and Side Wired	H4	Hospital Grade Receptacles	H4
	H4	Commercial Grade Receptacles	H4
	H4	Switch-Rated Blank Face	H4
	H4	Combination Switch/GFCI Outlet	H4
	H5	High-Current	H5
	H5	Right-Angle GFCI Plug	H5
	H5	Shallow Wallbox Extender for GFCI	H5
	H6	GFCI Cordsets and Extension Cords	H6
	H7	GFCI Accessories	H7

Flush Cover Wallplates	H7
Raintight While-In-Use Covers	H7
Temporary Portable Power Distribution Center/GFCI (The Box)	H7
Power Cords for The Box	H7

**SECTION I**  
**Combination Devices**



<b>Commercial Grade</b>	
<b>AC Combination Devices</b>	
15A Devices	I2
15A Switch/Receptacle	I2
15A Switches	I2
15A S.P. Switch/Neon	
Pilot Light	I2
20A Devices	I2
20A S.P. Switches	I2
20A S.P. Switch/Receptacle	I2
20A S.P. Switch/Neon	
Pilot Light	I2

Decora® Combination Devices	I3
Decora Multi Switches	I4
SmartLock® GFCI/Switch	I4

**SECTION J**  
**Structured Media Components**



<b>Overview</b>	J2
<b>Enclosures</b>	J3-J5
Media Versatile™ Panel	J6
Enclosure for Multiple Dwelling	
Units (MDUs)	J7
Cabling Panels	J8-J10
Mounting Brackets	J11, J12
Power & Surge Protective	J13, J14
Networking & Internet Sharing	J15
Video Distribution	J16-J18
Home Security Monitoring	J19-J21

<b>Structured Media™ Components</b>		<b>Audio/Video Distribution</b>	J22-J24
Overview	J2	<b>Multi-Location Audio</b>	
Enclosures	J3-J5	Decora Digital Volume	
Media Versatile™ Panel	J6	Control System	J25
Enclosure for Multiple Dwelling		Analog Controls	J26
Units (MDUs)	J7	Spec-Grade Sound™ System	J27
Cabling Panels	J8-J10	Audio/Video Wallplates	J28
Mounting Brackets	J11, J12	Spec-Grade Sound Speakers	J29
Power & Surge Protective	J13, J14	Leviton Entertainment and	
Networking & Internet Sharing	J15	Applications Platform	J30
Video Distribution	J16-J18		
Home Security Monitoring	J19-J21		

**SECTION K**  
**DHC Powerline Carrier Components**




<b>Overview</b>	K2	Wall Switch Controllers with	
<b>Controllers—Green Line</b>		2-Way Communication	K4, K5
Toscana™ Deluxe Programmer	K3	Wall Switch Controllers with	

Scene Capability	K5	Remote Switches	K12
RF Products	K6	Double-Pole 20A Wall Switch	K12
<b>Controllers—Red Line</b>		Receptacles	K13
Basic Programmer	K7	Universal Low-Voltage Module	K14
Table Top Controller	K7	Fixture Modules	K14
Burglar Alarm Interface	K7	<b>DHC Network Integrity Products</b>	
Dry Contact Controllers	K7	Panel-Mounted Surge Protective	
<b>Receivers—Green Line</b>		Devices	K15
Wall Switches with		System Amplifier/Coupler/	
2-Way Communication	K8	Repeater	K16
Wall Switches with		Couplers and Attenuators	K16
Scene Capability	K8, K9	Filters	K17
Plug-In Modules with		Signal Strength Indicator	K17
Scene Capability	K10		
<b>Receivers—Red Line</b>			
Wall Switches	K11		




## SECTION L Multimedia Structured Cabling Systems



Quick Reference Guide . . . . .	L2	QuickPort® . . . . .	L3–L5
Connectors . . . . .		Fiber Optic . . . . .	L6, L7

Connector Bezels . . . . .	L8	Telecommunications . . . . .	L49, L50
Wallplates and Housings . . . . .		Wireless Access Point . . . . .	L51
QuickPort . . . . .	L9–L17	<b>Cable Management</b>	
Acenti® . . . . .	L18	Versi-Duct™ . . . . .	L52
Standard Telephone/ . . . . .		Hook and Loop . . . . .	L53
Video Jacks . . . . .	L19–L23	Rack and Frame . . . . .	L54–L56
Workstation Accessories . . . . .	L24	<b>Labeling Products</b> . . . . .	L57, L58
<b>Copper Components</b>		<b>Tools and Accessories</b>	
Patch Panels . . . . .	L25–L30	Punchdown/Termination . . . . .	L59
110-Style . . . . .	L31–L36	Fiber . . . . .	L60–L62
66-Block . . . . .	L37–L39	Tone Test . . . . .	L63
<b>Fiber Components</b>		Crimping/Stripping . . . . .	L63
Enclosures . . . . .	L40–L44	Craftsperson's Handset . . . . .	L64
Accessories . . . . .	L45–L48	Modular Plug Breakout Adapter . . . . .	L64
<b>Enclosures</b>			

## SECTION M Straight Blade Plugs and Connectors



<b>Industrial Grade Plugs and Connectors</b>		Hospital Grade . . . . .	M3
Overview . . . . .	M2	Industrial Grade . . . . .	M3
15A 125V & 250V . . . . .		Flanged Inlets and Outlets . . . . .	M3

Wetguard® . . . . .	M5	30 AMP Nylon Angle Plugs . . . . .	M8
Dustguard® . . . . .	M5	50 AMP Nylon Angle Plugs . . . . .	M9
Python™ . . . . .	M6	60 AMP Nylon Angle Plugs . . . . .	M10
Integrated Inlets and Outlets with . . . . .		<b>Commercial Grade Plugs and Connectors</b>	
Weather-Resistant Covers . . . . .	M7	Overview . . . . .	M11
20A 125V & 250V . . . . .		15A 125V & 250V . . . . .	M12
Hospital Grade . . . . .	M4	20A 125V & 250V . . . . .	M13
Industrial Grade . . . . .	M4	30 Amp and 50 Amp Dual Power . . . . .	M14
Flanged Inlets and Outlets . . . . .	M4	Attachment Plugs . . . . .	M14
Wetguard® . . . . .	M5	<b>Residential Grade Plugs and Connectors</b>	
Dustguard® . . . . .	M5	Parallel, Polarized and . . . . .	
Python™ . . . . .	M6	Non-Polarized . . . . .	M15
Integrated Inlets & Outlets with . . . . .		Grounding . . . . .	M16
Weather-Resistant Covers . . . . .	M7		
Weather-Resistant Boots . . . . .	M4		
20 AMP Power Plugs . . . . .	M8		

## SECTION N Locking and Corrosion Resistant Devices



<b>Industrial Specification Grade Locking Devices</b>		15 Amp Devices . . . . .	N5, N6
Overview . . . . .	N2–N4	20 Amp Devices . . . . .	N7–N11
		30 Amp Devices . . . . .	N12–N16

Wetguard® Devices		Power Interrupting Devices . . . . .	N28
15 Amp . . . . .	N17	Midget Straight Blade and Locking . . . . .	N29
20 Amp . . . . .	N17, N18	Devices . . . . .	N29
30 Amp . . . . .	N19	Combination Locking and . . . . .	N30
Corrosion Resistant Devices		Straight Blade Devices . . . . .	N30
15 Amp . . . . .	N20	Integrated Inlets and Outlets with . . . . .	N30
20 Amp . . . . .	N21	Weather Resistant Covers . . . . .	N30
30 Amp . . . . .	N22		
50 Amp . . . . .	N23		
Non-NEMA Devices			
15 Amp . . . . .	N24		
20 Amp . . . . .	N24		
30 Amp . . . . .	N25		
50 Amp . . . . .	N25		
50 Amp "California Style" . . . . .	N26		
Weather Resistant Boots . . . . .	N27		


## SECTION O Pin & Sleeve Devices



<b>North American Watertight Pin &amp; Sleeve Devices</b>		20 & 30 Amp Devices . . . . .	O4
Overview . . . . .	O2, O3	60 & 100 Amp Devices . . . . .	O5
		Dimensions . . . . .	O6, O7

Specifications . . . . .	O8, O9	Accessories . . . . .	O22
<b>PowerSwitch® by Leviton</b>		Making the Right Connection: . . . . .	O23
<b>North American Watertight</b>		Color Code and Clock Position . . . . .	O23
<b>Mechanical Interlocks</b>		Leviton Catalog Numbering . . . . .	O23
Overview . . . . .	O10, O11	System . . . . .	O23
20 & 30 Amp Devices . . . . .	O12	<b>PowerSwitch by Leviton</b>	
60 & 100 Amp Devices . . . . .	O13	<b>Watertight Safety Disconnect Switches</b>	
Dimensions . . . . .	O14	Overview . . . . .	O24
Specifications . . . . .	O15	30, 60 & 100 Amp Devices . . . . .	O24
<b>International-Rated Pin &amp; Sleeve Devices</b>		Specifications . . . . .	O26
16, 32, 63 & 125 Amp . . . . .		Dimensions . . . . .	O27, O28
Devices . . . . .	O16	Accessories . . . . .	O28
Specifications . . . . .	O17		
Dimensions . . . . .	O18–O20		
<b>Pin &amp; Sleeve Products</b>			
Back Boxes . . . . .	O21		

## SECTION P Single Pole Cam-Type Connectors and Stage Pin Devices



<b>Cam Connectors and Stage Pin Devices for Commercial and Industrial Applications</b>		Stage Pin Devices—Overview, . . . . .	P2
--	--	---------------------------------------	----

20, 60 and 100 AMP Stage . . . . .		19 Series—Ball Nose . . . . .	P15
Pin Devices . . . . .	P3	22 Series—Latching Ball Nose . . . . .	P16
Cam Connectors—Overview, . . . . .		23 Series—Latching . . . . .	
and Benefits . . . . .	P4, P5	Taper Nose . . . . .	P17
Ampacity Chart . . . . .	P6	Product Accessories . . . . .	P18
Up to 140 AMP . . . . .		Stage Pin Dimensioned . . . . .	
15 Series—Taper Nose . . . . .	P7	Drawings . . . . .	P19–20
Up to 300 AMP . . . . .		Cam Connector Dimensioned . . . . .	
16 Series—Taper Nose . . . . .	P8–P10	Drawings . . . . .	P21–26
18 Series—Ball Nose . . . . .	P11		
Up to 400 AMP . . . . .			
16 Series—Taper Nose . . . . .	P9, P10		
18 Series—Ball Nose . . . . .	P11–P13		
Up to 690 AMP . . . . .			
17 Series—Taper Nose . . . . .	P14		



## SECTION Q

### Wire Mesh Safety Grips



<b>Wire Mesh Safety Grips</b>	
Overview	<b>Q2</b>
Technical Reference	<b>Q3</b>
Selecting Pulling and Support Grips	<b>Q4-Q6</b>
Pulling Grips	<b>Q7-Q14</b>
Strain-Relief Grips	<b>Q15-Q18</b>
Support Grips	<b>Q19-Q26</b>

## SECTION R

### Surge Protective Devices



<b>Industrial Surge Protective Devices</b>	
Overview	<b>R2</b>
Four-Outlet Plug-Ins	<b>R3</b>
5300 Series	<b>R3</b>
5100 Series	<b>R3</b>
Plug Strips	<b>R4</b>
Wired-In Protective Modules	<b>R5</b>
Distribution Panel Mount Units	<b>R6, R7</b>

74000 and 75000 Series	<b>R6</b>
57000 Series	<b>R7</b>
52000 Series	<b>R8</b>
Remote Supervisor	<b>R7, R8</b>
47000 and 52000-7M3 Series	<b>R9</b>
Multi-Phase Panel Protectors	<b>R10</b>
32000 Series	<b>R10</b>
42000 Series	<b>R10</b>
Low Voltage Communications SPD's	<b>R11</b>
3400 and 3800 Series	<b>R11</b>
Equipment Cabinet SPD's	<b>R12</b>
3800 Series	<b>R12</b>
SPD Duplex Receptacles	<b>R13</b>
SPD Four-In-One Receptacles	<b>R14</b>
<b>Commercial Surge Protective Devices</b>	
Low Voltage and Data Line Modules (Stand-Alone and Stackable)	<b>R15</b>
Plug Strips	<b>R16</b>
Computer Grade Plug Strips	<b>R16</b>
Plug-In Surge Suppressors	<b>R16</b>
Surge Counter: 51000-SMC	<b>R16</b>
19-Inch Rack-Mounts SPD's	<b>R17</b>
<b>Residential Surge Protective Devices</b>	
Meter Socket Surge Adapter	<b>R18</b>
Secondary Surge Arresters	<b>R18</b>
General Purpose Plug-Ins	<b>R19</b>
Multi-Media Panel	<b>R19</b>
51000 Series Branch Panel Mounts	<b>R19</b>
5950 Modular Surge Protective Strips	<b>R20</b>
<b>Uninterruptible Power Supply Devices</b>	
Lev-UPS™ Online and Sine Series	<b>R21</b>
Lev-UPS Pro, Slim and Strip Series	<b>R22</b>

## SECTION S

### Lampholders



Overview	<b>S2</b>
<b>Incandescent Lampholders</b>	
Outlet Box, Keyless and Pull Chain	<b>S3, S4</b>
Metal Shell and Interiors	<b>S5</b>
Phenolic Cap and Shell	<b>S5</b>
Multi-Lampholder Clusters	<b>S6</b>
Porcelain Par Connectors	<b>S6</b>

Bayonet Socket-Single Contact	<b>S6</b>
Porcelain Mogul Base	<b>S7</b>
Socket Extensions	<b>S8</b>
Appliance Heating Receptacle	<b>S8</b>
Porcelain and Phenolic	<b>S8</b>
Porcelain Snap-In	<b>S9</b>
Porcelain Keyless-Commercial Units	<b>S9</b>
Porcelain Keyless Fixture	<b>S9</b>
Single Circuit-Medium Base	<b>S9</b>
Porcelain Keyless Medium Base-Side Angle Mounted	<b>S10</b>
Phenolic Keyless Fixture-Medium Base	<b>S10</b>
Lampholders for Recessed Single Contact Lamps	<b>S10</b>
Lampholders for Metal Halide and Quartz Halogen Lamps	<b>S10</b>
Candle Sockets	<b>S10-S12</b>
<b>Fluorescent Lampholders</b>	
Linear Fluorescent	<b>S13-S17</b>
Medium Bi-Pin	<b>S13-S15</b>
High Output	<b>S13, S14</b>
Slimline	<b>S13, S14</b>
Miniature	<b>S16</b>
T-8 to T-5 Adapter	<b>S16</b>
4-Pin Long Twin Tube with 2G11 Base	<b>S17</b>
Lamp Support Clips for Long Twin Tube	<b>S18</b>
Compact Fluorescent Lampholders (CFL's)	<b>S19-S22</b>

*For a complete listing of OEM products, see the OEM-100 Catalog.*

## SECTION T

### Appliance Switches



<b>Appliance Switches</b>	
Single Pole Pull Chain	<b>T2</b>
Single Pole Rotary	<b>T2</b>
Two Circuit Rotary	<b>T3</b>
Single Pole Pushbutton	<b>T3</b>
Door Jamb Switch	<b>T3</b>
Fluorescent Starter Pushbutton	<b>T4</b>
Single Pole Toggle	<b>T4</b>
Feed-Through Cord Switch	<b>T5</b>
Miniature Feed-Through Cord Switch	<b>T5</b>

## SECTION U

### Electrical Accessories and Decorative Devices



<b>Residential Grade Electrical Accessories and Decorative Devices</b>	
Switch Tap	<b>U2</b>
Plug-In Outlet Adapters	<b>U2</b>
Medium Base Lampholder Adapters	<b>U3</b>
Night Lights	<b>U3</b>
Guide Lights	<b>U2</b>
Fluorescent Utility Lights	<b>U4</b>
Child Protection Devices	<b>U4</b>
Accessories	<b>U4</b>
Wallplates	<b>U5</b>

## SECTION V

### Technical Information



Abbreviations	<b>V2</b>
National Electrical Code Requirements	<b>V3</b>
Associations, Organizations and Standards	<b>V4, V5</b>
Certification Agencies and Markings	<b>V5</b>
UL, CSA and NEMA Standards Pertaining to Leviton	<b>V6</b>
High-Abuse, UL Listed Hospital Grade Wiring Devices	<b>V7</b>
Glossary of Electrical Wiring Device Terms	<b>V8-V10</b>
Switches	<b>V11</b>
Dimmers	<b>V11</b>
Receptacles	<b>V11, V12</b>
Ground Fault Circuit Interrupters (GFCI's)	<b>V12</b>
Enclosure Classifications	<b>V13-V15</b>
Materials Used in Wiring Devices	<b>V15, V16</b>
ANSI Architectural Symbols	<b>V17</b>
NEMA Straight Blade Configurations	<b>V18</b>
NEMA Locking Configurations	<b>V18</b>
Horsepower Ratings for NEMA Configurations	<b>V20</b>
Circuit Wiring Diagrams	<b>V21-V23</b>
Switch Wiring Diagrams	<b>V24</b>
Diameter Ranges of Jacketed Cord	<b>V25</b>
Wallplate Dimensions	<b>V26</b>
Telephone Wiring Devices — Codes and Standards	<b>V27</b>
Wire Color Codes & Jack Pin Designations	<b>V28</b>



## Leviton...Building a Connected World

**The Leviton Manufacturing Company has its origins at the dawn of the electrical era in 1906. Originally engaged in the fabrication of mantle tips for gas lighting, the Company soon converted to production of a single electrical product—a pull-chain lampholder. Over the past century, the Company developed literally thousands of electrical and electronic products to meet the needs of the constantly evolving electrical industry. Innovation is the bedrock of our past and the key to our future. As we celebrate our centennial, we look forward to continuing a tradition of excellence in designing the highest-quality wiring devices for all the markets we serve.**

### Leading the Electrical Industry for 100 Years

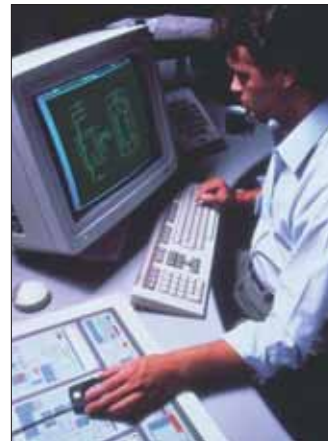
With a growing legacy of over 600 design patents, today Leviton's product offering comprises more than 25,000 distinct electrical and electronic wiring devices. Leviton continues to stand as a leader in the electrical industry, serving industrial, commercial, residential and OEM markets through retail and distribution channels.

### Pioneering Advances

Building on a century of experience, Leviton engineers, designers and researchers apply the latest technologies to developing new products and new product refinements that satisfy the needs of emerging market segments. Equipped with the latest CAD/CAM design tools, direct model-making capability and industry leading R & D and testing facilities, Leviton continues to introduce industrial and commercial grade wiring devices, lighting controls, lighting and energy management systems, structured media components, home automation products and a host of other new products that set the pace of progress in the industry.

### Advanced Manufacturing Technologies

Employing vertically-integrated manufacturing, Leviton fabricates virtually all parts for the devices



it produces. This assures unmatched quality not only in finished products but also in components and subassemblies.

Industrial robotics and automated assembly improve the manufacturing process dramatically. Production times are measured in minutes,

and often in seconds. Quick product changeovers to accommodate rapid changes in market requirements can be carried out efficiently to keep Leviton at the leading edge of responsiveness.





### World-Class Quality

State-of-the-art manufacturing also enables the Company to harness automated production technologies that facilitate zero-defect factory output in combination with lower costs of manufacture.

Leviton's Quality Assurance team has instituted an innovative inspection program applying statistical process controls. Component parts and sub-assemblies are checked at every step to ensure that finished devices are perfect. In addition, Leviton is using UL as a registrar to secure ISO registration for all its manufacturing plants, warehouses and office facilities.

### Setting the Standard for Service

The hallmark of Leviton's leadership is customer satisfaction. A centralized Customer Service staff brings its resources to bear for maximum efficiency. With computerized pricing and order information on line, EDI has been implemented to provide instantaneous, open electronic data exchange with all customers in the link.

Leviton's warehousing facilities are strategically located throughout North America and equipped with state-of-the-art materials handling technologies. All are interlinked by a computerized network that provides outstanding turn-around and order fill for customers nationwide. Combined with electronic data exchange, the distribution centers are the cornerstone of speedy, efficient product supply and VMI services to satisfy a broad array of customer needs.

### Powerful Marketing Maximizes Opportunity

Leviton goes to market in the Consumer, Distribution and OEM channels. Each has a

dedicated Marketing division applying its depth of expertise to identify opportunity in new and existing markets for creating strong sales volume, increased share of market and sustained profitable growth. Leviton offers comprehensive marketing and merchandising support that include advertising, collateral



materials, sales aids, incentive programs, award-winning merchandising systems, promotions and in-depth training.

### Versatility, Quality, Leadership The Keys to Future Growth

From its origin, Leviton has been at the forefront of progress and innovation within the electrical industry. The Company sustains this legacy with a continuing commitment to pioneering new technologies, implementing enlightened business policies, and providing outstanding responsiveness. No matter which markets our customers serve, they are well-served by Leviton.



# Leviton...The Company Behind the Product

## Leading with Products, Programs and Service

**Leviton remains the number one choice of specifying engineers, architects, electrical contractors and the other electrical professionals we've been serving for more than a century. Leviton has set the highest levels of quality and efficiency as our standard in all aspects of our organization, from design to delivery. Our aim is to be an indispensable ally to those we serve in order to meet all market, technical and service challenges successfully and profitably.**

**Every Leviton product is backed by technical service, quality assurance, engineering, manufacturing, research and development, testing facilities and market representation. This combination of expertise and personal commitment have earned Leviton a well-deserved worldwide reputation for quality, precision and reliability. The L-100 catalog reflects Leviton's commitment to support traditional markets along with identification and penetration of emerging markets. Leviton offers an extensive line of rugged high-performance Industrial Grade devices to satisfy the no-compromise needs of industrial and institutional users. Also listed is an enlarging line of new and improved electrical devices for commercial and residential applications, including structured wiring and multimedia solutions.**

### State-of-the Art Engineering

At the core of Leviton's operation is its Engineering Department. Equipped with the latest CAD/CAM design, direct model-making capabilities and industry-leading research and testing facilities, this creative force has supplied Leviton with a premier line of Industrial Grade devices, lighting controls, lighting and energy management systems, structural media components, voice and data products, home automation products, surge protective (TVSS) devices, and many other new products included in this edition of the L-100.

### Advanced Manufacturing Technologies

The outstanding work performed by our engineers becomes evident on the production line. Leviton continues to hone its leading edge by implementing lean, efficient and flexible manufacturing methods in its plants worldwide. Industrial Robotics and automated assembly improve manufacturing efficiency dramatically. Production times are now measured in minutes and, in some cases, even seconds. Quick product change-overs, to accommodate rapid changes in market requirements, are being made possible with the implementation of flexible tooling. Manufacturing responsiveness is the wave of the future—yours and ours.





### **ISO 9001 Certified Quality Manufacturer**

The ISO 9001 standard defines system requirements that a company must meet in order to assure customers of a competitive product. As part of Leviton's commitment to total quality, all Leviton manufacturing facilities are ISO 9001 Certified.

### **Six Sigma Quality Improvement**

Six Sigma is an integral part of Leviton's commitment to continuous improvement in productivity and customer satisfaction. It is a process that leads to major and measurable quality enhancements in all phases of manufacturing. The goal of Six Sigma is to achieve a performance standard of 99.9997%, which is defined as 3.4 defects per 1 million opportunities.

### **Prompt Coast-To-Coast Distribution and Customer Service**

Leviton assures the timely delivery of its products through an extensive network of plants and distribution facilities throughout North America. Leviton customer service representatives are dedicated professionals committed to making sure you receive the best possible service. They utilize the latest computer equipment and service technologies, including voice mail, a 24-hour FAX line (1-800-832-9538), and an 800-number tech line (1-800-824-3005).

### **Industry-Leading Marketing and Sales**

Since 1970, the Leviton Marketing team has devoted its efforts to monitoring crucial developments and trends and allocating the necessary resources to capitalize on profitable opportunities. Leviton is now committed to helping you serve profitable, rapidly emerging niche markets. We are developing the necessary tools, such as informative literature and new business techniques, to help assure our mutual success. The Leviton Sales organization is devoted to providing you with outstanding service. All sales representatives have a full arsenal of resources at their disposal. They have the authority to be responsive problem solvers and speedy decision makers in the field. They have earned the confidence of their management through the consistent display of professionalism and good judgement, primary qualifications for a dynamic sales team.

### **Leviton and Your Future**

Leviton has developed a wide range of resources and continues to advance on all fronts to meet the challenge of a rapidly changing world. You are encouraged to take full advantage of all that Leviton has to offer. Together, we can secure the full potential that the future holds for all of us. Our aim is to do it right the first time, every time, and we are committed to providing you with the finest products and services to make that vision a reality.

The L-100 Leviton Wiring Device Catalog is designed to help you find the device you're seeking in the quickest and easiest way possible. Most product sections are divided into three distinct categories in the following sequence—Industrial Grade, Commercial Grade and Residential Grade—and grouped according to amperage and voltage, lowest to highest. For example, if you need to order 15 Amp, 125 Volt Industrial Grade straight-blade duplex receptacles, begin your search with the main Table of Contents at the front of the book. Here you'll see that all straight blade receptacles are listed in Section G. Turn to Section G for a more detailed Table of Contents on the first page. Each section page contains product descriptions, ratings and catalog numbers. There are also helpful highlights including Specifications and Features, Testing and Code Compliance, Color listing, Material Characteristics and dimensioned color product photos. Any product page in the L-100 Catalog can be clearly copied or faxed to customers and prospects for use as a specific sheet or as part of a presentation.

The Quick Reference Guide follows the main Table of Contents to help you pinpoint and locate specific products. Technical Section V provides general product and test data, industry standards, NEMA configuration charts, a glossary of wiring device terms, ANSI architectural symbols and other related information. Specific catalog numbers are listed in the exhaustive index at the back of the catalog.

## 15 AMP 125 and 250V • 20 AMP 125 and 250V

### Industrial Grade Straight Blade Receptacles

**Back and Side Wired** (Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
LEVSPEC® Duplex Receptacle, Brass Strap	5262 <small>I, W, GY, R, E</small>	5662 <small>I</small>	5362 <small>I, W, GY, R, E</small>	5462 <small>I, GY</small>
Single Receptacle	5261 <small>I, W, GY</small>	5661 <small>I</small>	5361 <small>I, W, A, T, GY</small>	5461 <small>I, A, T, GY</small>
Narrow Body Duplex Receptacle	5252 <small>I, W, A, T, GY, R, BU</small>		5352 <small>I, W, A, T, GY, R</small>	

**For complete wallplate selection, see Section E.**

**SPECIFICATIONS AND FEATURES**

**Back & Side Wired Duplex**

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Single-piece brass mounting strap on LEVSPEC devices, multi-piece steel strap on other devices
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- Back and side-wiring options
- Brass terminal screws to reduce conductor oxidation
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clips for superior contact and conductivity

**TESTING AND CODE COMPLIANCE**

- UL Listed 498 (UL File #13399); UL Federal Specification WC-596

- Meets NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty
- SPECCLASS devices backed by a Limited 2-Year Warranty

**\*COLOR**

Basic Cat. Nos. shown above denote Brown device, except for Isolated Ground (-IG) devices Basic Cat. No. denotes Orange. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Brown (For IG devices only, add -B), Almond (-A), Light Almond (-T), Gray (-G or -GY), Black (-E), Red (-R) and Blue (-BU; for IG devices only, add -BIG)

**MATERIAL CHARACTERISTICS**

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60° C maximum continuous

- |                                       |  |                                      |
|---------------------------------------|--|--------------------------------------|
| <b>A</b> RATING                       | <b>E</b> CATALOG NUMBER                      | <b>I</b> SPECIFICATIONS & FEATURES   |
| <b>B</b> Choose GRADE, if appropriate | <b>F</b> DESCRIPTION                         | <b>J</b> TESTING AND CODE COMPLIANCE |
| <b>C</b> DIMENSIONED PHOTOGRAPH       | <b>G</b> Check for NEMA CONFIGURATION        | <b>K</b> COLOR LISTING               |
| <b>D</b> WIRING/CERTIFICATIONS        | <b>H</b> WALLPLATE REFERENCE, if appropriate | <b>L</b> MATERIAL CHARACTERISTICS    |



# Acenti Collection

Premium Grade

## INDEX

<b>Acenti® Collection</b>	
Overview	A2
<b>Acenti Lighting Controls</b>	
Dimmers and Fan Speed Control	A3
<b>Acenti Switches</b>	
15A and 20A Switches	A4
Electronic Timer Switch	A4
<b>Acenti Receptacles</b>	
Triplex and Duplex	A5
GFCI and Surge Protective Receptacles	A5
<b>Acenti Wallplates</b>	A6





# ACENTI® COLLECTION FEATURES

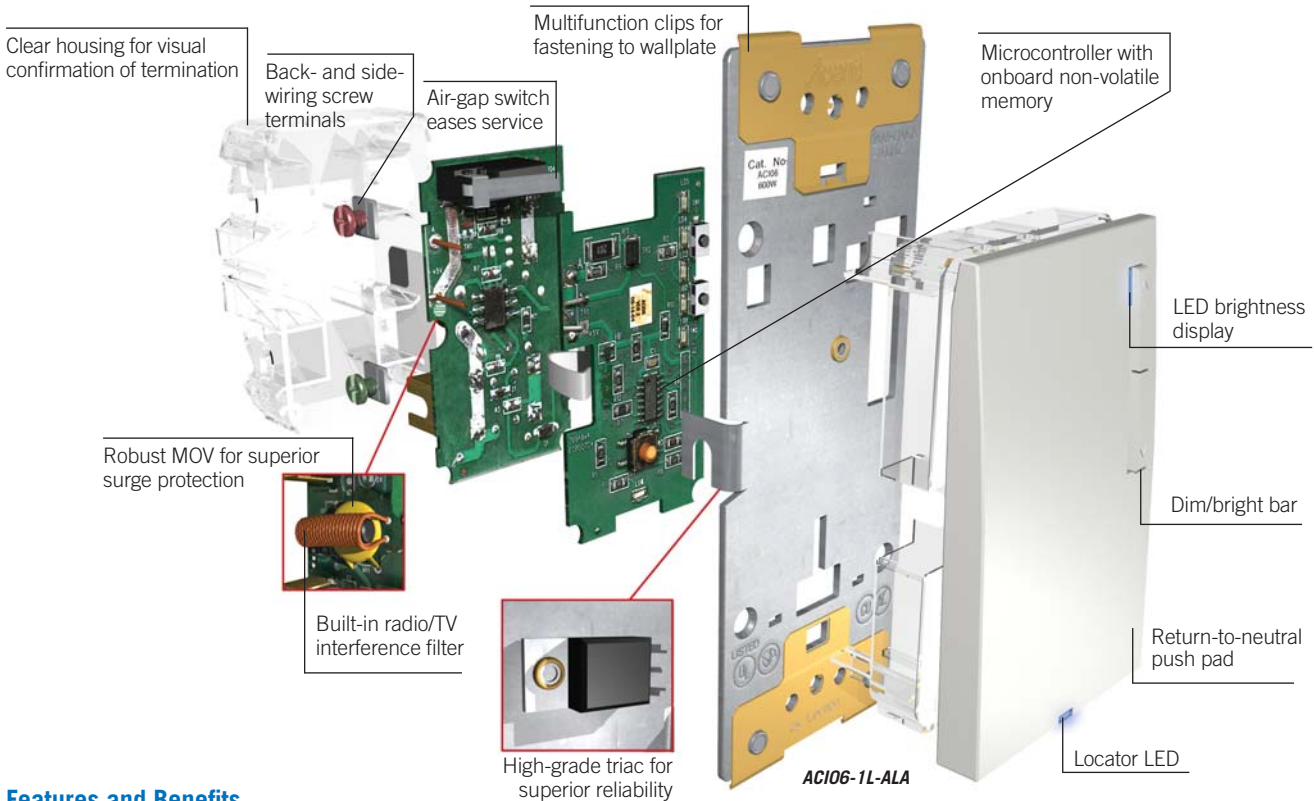
## Premium Grade Lighting Controls and Devices

### THE ACENTI COLLECTION OFFERS A FULL PORTFOLIO OF TECHNICALLY AND AESTHETICALLY SUPERIOR DEVICES FOR RESIDENTIAL APPLICATIONS.

Acenti lighting controls and switches respond alike; their push pads remain permanently graded. No line breaks or irregular shadow patterns detract from their pleasing, symmetrical appearance. The Collection includes the industry's first triplex receptacle, duplex and surge protective receptacles, GFCIs, screwless snap-on wallplates, and QuickPort® Multimedia inserts.

### Acenti Lighting Controls

Lighting and fan speed controls feature a patent-pending return to neutral push pad, multi-location control with either matching or coordinating remotes, soothing blue LEDs and Acenti's unique surface alignment system.



### Features and Benefits

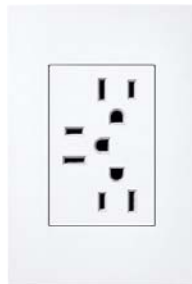
- Efficient construction with consistent form factor, excellent ergonomic traits and precision feel
- Innovative contoured geometry\* offers an exclusive aesthetic design
- Clean multi-gang installation with no dividers between devices
- Devices and wallplates molded from engineering-grade polymer with subtle matte finish and flawless color match
- Screwless wallplates snap onto device's TOX®-fastened multifunction clips
- Brushed stainless steel wallplates available to coordinate with premium grade appliances
- Meet all applicable UL, CSA and FCC requirements
- Backed by a Five-Year Limited Warranty

\* U. S. and Foreign Patents Pending.  
TOX® is a registered trademark of TOX PRESSOTECHNIK, LLC.

### ACENTI BY LEVITON...DOWN TO THE LAST DETAIL



**Switches**  
Return-to-neutral push pad with blue LED locator. 15A electronic (single-pole or multi-location) and 20A single-pole electromechanical models.  
**AC15-1L shown**



**Triplex & Duplex Receptacles**  
Exclusive space-saving Triplex Receptacle in NEMA 5-15R and 5-20R configurations. Duplex models also available.  
**AC315 shown**



**GFCI & Surge Protective Receptacles**  
GFCIs feature lockout action for added safety. Surge Receptacles help protect sensitive electronic equipment.  
**ACGF1 shown**



**Wallplates**  
Screwless snap-on design provides smooth, clean look exclusively for all Acenti devices. Brushed stainless steel versions available.  
**ACWP1-ALA shown**





Premium Grade Lighting Controls

Acenti Lighting Controls

All Acenti lighting controls provide single-pole (1 location) and 3-way (multi-location) control when used with Remote unit.

Acenti Controls with LED Locator and Brightness Display 120V AC 60Hz Only  

DESCRIPTION	CAT. NO.	RATING	COLOR*
Acenti Incandescent Dimmer	<b>ACI06-1L</b>	600W	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Acenti Magnetic Low-Voltage Dimmer	<b>ACM06-1L</b>	600VA	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Acenti Incandescent/Magnetic Low-Voltage Dimmer	<b>ACM10-1L</b>	1000W/VA	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Acenti Electronic Low-Voltage Dimmer; Neutral required	<b>ACE04-1L</b>	400W	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Acenti Electronic Low-Voltage Dimmer; Neutral required	<b>ACE06-1L</b>	600W	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Acenti Advance Mark 10™ Powerline or Tu-Wire™ Fluorescent Dimmer; Neutral required	<b>ACX10-1L</b>	1000VA	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Acenti Hi-lume® or Eco-10™ (Eco-Series) Fluorescent Dimmer; Neutral required	<b>ACH08-1L</b>	8 Amps	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Acenti Quiet Fan Speed Control (LED Display denotes speed); Neutral required	<b>ACF01-1L</b>	1.5 Amps	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Matching Remote Unit to 120V Dimmers/Fan Speed Control for 3-Way or up to 5 locations; Neutral required	<b>AC00R-1L</b>	No load rating	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Coordinating Remote Unit to 120V Dimmers/Fan Speed Control for 3-Way or up to 10 locations, no LED; Neutral required†	<b>AC00R-10</b>	No load rating	ALA, QTZ, NTL, SND, DFT, SLT, ONX

† Except when used with incandescent or magnetic low-voltage dimmers.

**CAUTION ON RETROFITS:** When retrofitting Mark 10™ Powerline dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark 10™ dimmer.

Acenti Colors



Alabaster (-ALA) Quartz (-QTZ) Natural (-NTL) Sand (-SND) Driftwood (-DFT) Slate (-SLT) Onyx (-ONX)  
 Note: Wallplates are also available in Brushed Stainless Steel. Custom premium colors available.

Maximum Load per Acenti Device

CAT. NO.	SINGLE	2-GANG	MORE THAN 2-GANG
<b>ACE04-1L</b>	400W	350W	250W
<b>ACE06-1L</b>	600W	500W	400W
<b>ACF01-1L</b>	1.5A	1.5A	1.5A
<b>ACH08-1L</b>	8A	8A	8A
<b>ACI06-1L</b>	600W	600W	500W
<b>ACM06-1L</b>	600VA (450W)	600VA (450W)	500VA (375W)
<b>ACM10-1L</b>	1000W/1000VA (800W)	800W/800VA (640W)	650W/650VA (520W)
<b>ACX10-1L</b>	1000VA	800VA	650VA

SPECIFICATIONS AND FEATURES

- Universal design provides quiet, crisp actuation with minimal travel
- Push pad always returns to neutral position regardless of load status
- Minimum brightness can be adjusted to comfortable level
- Dim-lock feature allows lights to turn on to a user-configured level every time
- Soothing blue LED Locator for easy location in the dark
- Subtle blue LED brightness level display
- Digital circuitry provides eye-pleasing soft-ON/fade-OFF and extended lamp life; fade rates are selectable

- Protected memory and voltage compensation maintain light levels after power outages and during minor power fluctuations
- Single-pole (one-location) and 3-way (multi-location) switching with Acenti Remote Units
- Built-in radio/TV interference filter
- Terminal screws (back- and side-wire) on select models ease installation
- Multifunction self-grounding clip snaps onto wallplate and ensures proper device alignment
- On/off air-gap switch completely disconnects power to unit for bulb changes and service
- Subtle, matte finish complements fine décors
- Molded from engineering-grade polymer for uniformity and flawless color match
- Screwless, snap-on wallplates in matching and coordinating colors

TESTING AND CODE COMPLIANCE

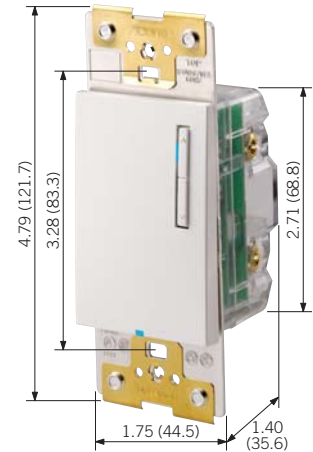
- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Meets FCC Part 15
- Backed by a Limited Five-Year Warranty

\*COLOR

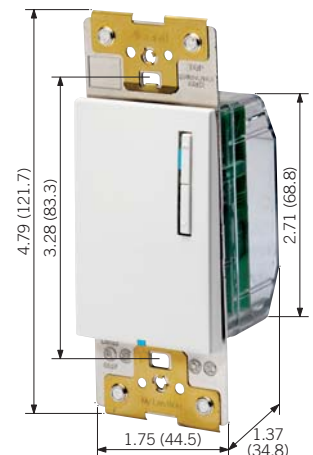
Add suffix to Cat. No. as follows: Alabaster (-ALA), Quartz (-QTZ), Natural (-NTL), Sand (-SND), Driftwood (-DFT), Slate (-SLT), Onyx (-ONX).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
 Operating Temperature: 32°F to 130°F



ACI06-1L-ALA



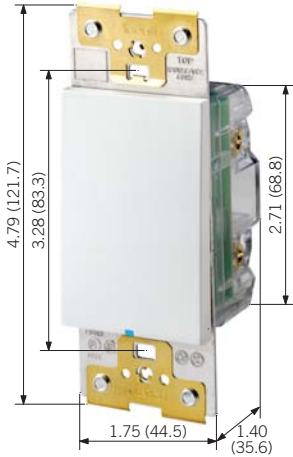
ACE06-1L-ALA

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0-10 VDC dimmable fluorescent ballasts such as Advance Mark V7™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.  
 See Section C for more information.

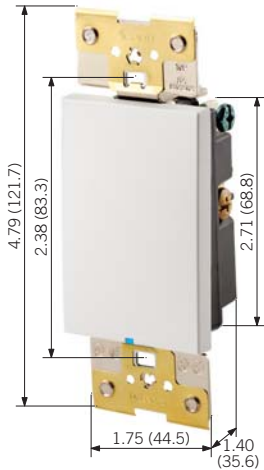


# ACENTI® SWITCHES

## Premium Grade Switches



ACS15-1L-ALA



AC201-1L-ALA

### Acenti Switches

#### Acenti Switches 120V AC

DESCRIPTION	CAT. NO.	RATING	COLOR*
Acenti 15-Amp Non-Dimming Electronic Switch for Single-Pole, 3-Way or More Applications, with LED Locator; Neutral required	ACS15-1L	15 Amp	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Acenti 20-Amp Non-Dimming Electromechanical Switch for Single-Pole and Motor Loads, with LED Locator	AC201-1L	20 Amp	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Matching Remote Unit to ACS15-1L Switch for 3-Way or up to 5 locations, with LED Locator; Neutral required	ACOSR-1L	No load rating	ALA, QTZ, NTL, SND, DFT, SLT, ONX
Coordinating Remote Unit to ACS15-1L Switch for 3-Way or up to 10 locations, no LED; Neutral required	ACOSR-10	No load rating	ALA, QTZ, NTL, SND, DFT, SLT, ONX

### Acenti Electronic Timer

#### Acenti Electronic Timer Switch 120V AC 60Hz Only

DESCRIPTION	CAT. NO.	INTERVAL	COLOR*
Acenti Timer Switch with Four Preset Buttons and OFF, LED Locator; Neutral required. 3-Wire, Single-Pole, 1000W Incandescent, 20A Inductive, 1 HP @ 120V	ACT60-L	10-20-30-60 Minutes	ALA, NTL

#### SPECIFICATIONS AND FEATURES

##### Acenti Switches

- Universal design provides quiet, crisp actuation with minimal travel
- Push pad always returns to neutral position regardless of load status
- Soothing blue Locator LED for easy location in the dark
- ACS15-1L provides single-pole (one-location) and multi-location switching with Acenti Remote Units
- Terminal screws (back- and side-wire) ease installation
- Multifunction self-grounding clip snaps onto wallplate and ensures proper device alignment
- Subtle, matte finish complements fine décors
- Molded from engineering-grade polymer for uniformity and flawless color match
- Screwless, snap-on wallplates in matching and coordinating colors

##### Acenti Electronic Timer Switch

- Four preset buttons plus OFF for timed control of lights and appliances
- LEDs indicate time elapsed and last LED flashes two-minutes-until-OFF warning

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (Switches: File #LR-152105, Timer: File #LR-68679)
- Meets NEMA WD-1 & WD-6 requirements
- Backed by a Limited Five-Year Warranty

#### \*COLOR

Add suffix to Cat. No. as follows: Alabaster (-ALA), Quartz (-QTZ), Natural (-NTL), Sand (-SND), Driftwood (-DFT), Slate (-SLT), Onyx (-ONX).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F





Premium Grade Receptacles

Acenti Collection

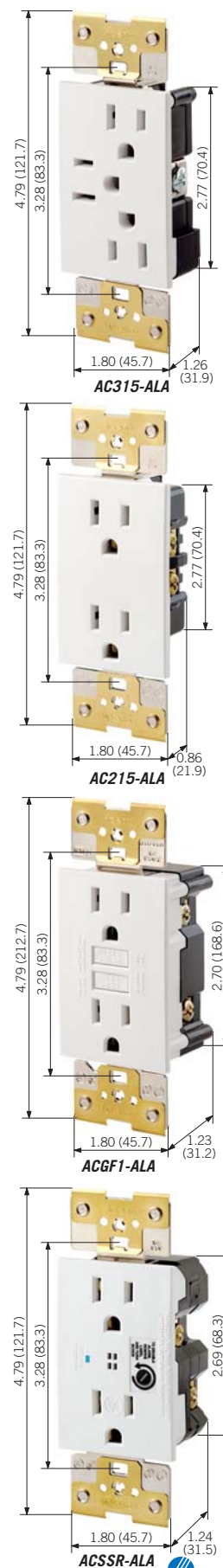
**Acenti Receptacles**

**Acenti Triplex and Duplex Receptacles 125V**

DESCRIPTION	CAT. NO./COLOR* 15A/125V	CAT. NO./COLOR* 20A/125V
	5-15R	5-20R
Acenti Triplex Receptacle	<b>AC315</b> ALA, QTZ, NTL, SND, DFT, SLT, ONX	<b>AC320</b> ALA, QTZ, NTL, SND, DFT, SLT, ONX
Acenti Duplex Receptacle	<b>AC215</b> ALA, QTZ, NTL, SND, DFT, SLT, ONX	<b>AC220</b> ALA, QTZ, NTL, SND, DFT, SLT, ONX

**Acenti GFCI and Surge Protective Receptacles 125V**

DESCRIPTION	CAT. NO./COLOR* 15A/125V	CAT. NO./COLOR* 20A/125V
	5-15R	5-20R
Acenti GFCI Receptacle, 20A/125V Feed-Through	<b>ACGF1</b> ALA, QTZ, NTL, SND, DFT, SLT, ONX	<b>ACGF2</b> ALA, QTZ, NTL, SND, DFT, SLT, ONX
Acenti Surge Protective Receptacle with Indicator Light and Audible Alarm	<b>ACSSR</b> ALA, QTZ, NTL, SND, DFT, SLT, ONX	—



**SPECIFICATIONS AND FEATURES**

**All Receptacles**

- Fit into a standard size wallbox
- Exclusive space-saving Triplex Receptacle accommodates 3 NEMA grounding plugs
- Neat multi-gang installation with no dividers between devices
- Terminal screws (back and side wire) available for easier installation
- Multifunction self-grounding clip snaps onto wallplate and ensures proper device alignment
- Subtle, matte finish complements fine décors
- Molded from engineering-grade polymer for uniformity and flawless color match
- Screwless, snap-on wallplates in matching and coordinating colors

**GFCI Receptacles**

- Patented bridge contact provides individual set of contacts for GFCI receptacle face and downstream receptacles
- Patented, advanced technology “dead-face” safety feature: no power to receptacle face if improperly wired (line-load reversal)
- Lockout feature for added safety
- Matching TEST and RESET buttons

**Surge Protective Receptacle**

- Protects sensitive electronic equipment against transient voltage surges
- UL 1449 clamping level: 400V
- Audible alarm for protection status
- Soothing blue LED Monitor/Indicator

**TESTING AND CODE COMPLIANCE**

- UL Listed (Triplex/Duplex/Surge: File #E-13399, GFCI: File #E-48380)
- CSA Certified (Triplex/Duplex: File #LR-152105, GFCI: File #LR-57811, Surge: File #MC152105/LR-406)
- Meets NEMA WD-1 & WD-6 requirements
- Backed by a Limited Five-Year Warranty

**\*COLOR**

Add suffix to Cat. No. as follows: Alabaster (-ALA), Quartz (-QTZ), Natural (-NTL), Sand (-SND), Driftwood (-DFT), Slate (-SLT), Onyx (-ONX).

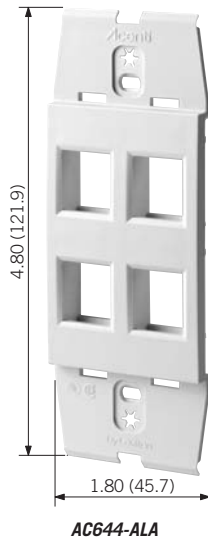
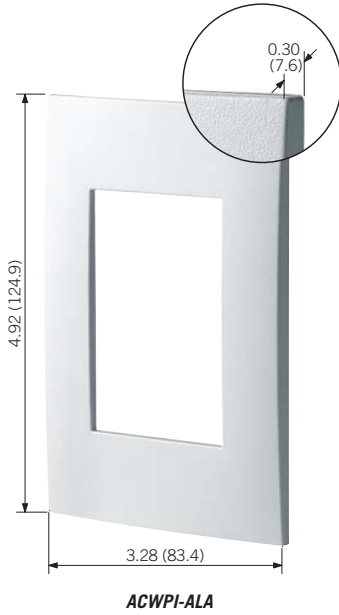
**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F










# ACENTI® WALLPLATES

## Premium Grade Wallplates



### Acenti Screwless Snap-On Wallplates

Engineering-Grade Polymer		Brushed Stainless Steel	
DESCRIPTION	COLOR*	CAT. NO.	CAT. NO.**
1-Gang 1 Acenti 	ALA, QTZ, NTL, SND, DFT, SLT, ONX	<b>ACWP1</b>	<b>ACWM1-STS</b>
2-Gang 2 Acenti 	ALA, QTZ, NTL, SND, DFT, SLT, ONX	<b>ACWP2</b>	<b>ACWM2-STS</b>
3-Gang 3 Acenti 	ALA, QTZ, NTL, SND, DFT, SLT, ONX	<b>ACWP3</b>	<b>ACWM3-STS</b>
4-Gang 4 Acenti 	ALA, QTZ, NTL, SND, DFT, SLT, ONX	<b>ACWP4</b>	<b>ACWM4-STS</b>
5-Gang 5 Acenti 	ALA, QTZ, NTL, SND, DFT, SLT, ONX	<b>ACWP5</b>	<b>ACWM5-STS</b>
6-Gang 6 Acenti 	ALA, QTZ, NTL, SND, DFT, SLT, ONX	<b>ACWP6</b>	<b>ACWM6-STS</b>
Blank Wallplate Insert 	ALA, QTZ, NTL, SND, DFT, SLT, ONX	<b>ACW14</b>	—

### QuickPort® Acenti Multimedia Wallplate Inserts

DESCRIPTION	CAT. NO.	COLOR*
2-Port QuickPort Insert	<b>AC642</b>	ALA, QTZ, NTL, SND, DFT, SLT, ONX
3-Port QuickPort Insert	<b>AC643</b>	ALA, QTZ, NTL, SND, DFT, SLT, ONX
4-Port QuickPort Insert	<b>AC644</b>	ALA, QTZ, NTL, SND, DFT, SLT, ONX
6-Port QuickPort Insert	<b>AC646</b>	ALA, QTZ, NTL, SND, DFT, SLT, ONX

#### SPECIFICATIONS AND FEATURES

- Exclusively for all Acenti devices
- Screwless snap-on design provides smooth, clean look
- Subtle, matte finish complements fine décor
- Available in engineering-grade polymer and brushed stainless steel
- Unique, screwless brushed stainless steel wallplates coordinate with premium-grade appliances
- Single-opening design of multi-gang wallplates means device frames rest side by side, without extra webbing between them to disrupt clean appearance
- Alignment plate with positioning pins ensures alignment of device and wallplate
- Snaps easily and directly onto device's multifunction, Tox®†-fastened clips, which also provides self-grounding of device and metal wallplate (when used with a properly grounded metal wallbox)
- Custom premium colors and QuickPort® jack inserts available

#### TESTING AND CODE COMPLIANCE

- UL Listed and CSA Certified
- Meet NEMA Standards WD-1, WD-6 (plastic); Meet NEMA and ANSI standards (metal)
- Backed by a Limited Five-Year Warranty

#### COLOR

\*Add to end of catalog number suffix as follows: Alabaster (-ALA), Quartz (-QTZ), Natural (-NTL), Sand (-SND), Driftwood (-DFT), Slate (-SLT), Onyx (-ONX).

\*\*STS denotes stainless steel.

†TOX® is a registered trademark of TOX PRESSOTECHNIK, LLC.



**Decora® Devices**

General Overview .....	<b>B2</b>
Decora Switch Overview .....	<b>B3</b>
<b>Commercial Grade Switches</b>	
Decora <i>Plus</i> AC Quiet Rocker Switches .....	<b>B4</b>
Decora <i>Plus</i> Momentary and Maintained Switches .....	<b>B5</b>
Decora <i>Plus</i> Illuminated and Pilot Light Switches .....	<b>B6</b>
<b>Residential Grade Switches</b>	
Decora AC Quiet Rocker Switches .....	<b>B7, B8</b>
Illuminated, Pilot Light .....	<b>B8</b>
Decora 911 Emergency Flasher .....	<b>B8</b>
<b>Industrial and Commercial Grade Receptacles</b>	
Decora Receptacles Overview .....	<b>B9</b>
Decora <i>Plus</i> Receptacles .....	<b>B10, B11</b>
<b>Residential Grade Receptacles</b>	
Decora Quickwire and Side Wired .....	<b>B12</b>
<b>Hospital and Industrial Grade Surge Suppressor Receptacles</b>	
Decora Back and Side Wired .....	<b>B13</b>
<b>SmartLock® GFCI Receptacles</b>	
SmartLock Overview .....	<b>B14</b>
GFCI Receptacles .....	<b>B15</b>
Combination Switch/GFCI Outlet .....	<b>B15</b>
Blank Face, Switch Rated .....	<b>B15</b>
<b>Commercial Grade Devices</b>	
Decora Combination Devices .....	<b>B16, B17</b>
Decora Voice/Data/Video Devices .....	<b>B18</b>
Decora <i>Plus</i> Canadian 347V AC Quiet Rocker Switches .....	<b>B19</b>
Canadian 347V Midway Nylon Wallplates .....	<b>B19</b>
<b>Wallplates</b>	
Decora <i>Plus</i> Screwless Snap-On .....	<b>B20</b>
Decora Thermoset, Thermoplastic and Metal .....	<b>B21–B23</b>
Adapters .....	<b>B24</b>
Replacement Screws .....	<b>B24</b>
<b>Elements by Decora</b>	
Elements Overview .....	<b>B25</b>
Elements Devices .....	<b>B26</b>



# DECORA® DEVICE FEATURES

## Commercial Grade Wiring devices

### LEVITON'S DECORA DESIGNER LINE OF WIRING DEVICES ADDS CONTEMPORARY STYLING TO ANY RESIDENTIAL OR COMMERCIAL APPLICATION.

Decora Devices are built to the highest performance standards to provide a long, trouble-free service life. The Decora Devices line represents a broad selection of switches, receptacles, surge suppressor receptacles, SmartLock® GFCI receptacles, combination devices, wall jacks and wallplates.

#### Features and Benefits

- Decora Devices are engineered for beauty, versatility and durability
- All Decora Plus Commercial Grade devices feature heavy-duty construction
- All Decora devices meet or exceed applicable UL, CSA and NOM testing standards
- Backed by a Limited 10-Year Warranty

#### DECORA COLORS

Decora devices are offered in a wide range of colors and finishes, which includes Almond, Light Almond, White, Ivory, Gray, Red, Ebony (Black) and Mahogany Brown. A selection of metal Decora wallplates comes in Brushed Brass, Polished Brass, Stainless Steel and Aluminum.



#### Decora Switches

A complete range of single pole, double pole, 3 and 4-way switches in both residential and commercial grades. **5691-2E, 5621-2W shown**



#### Decora Receptacles

A broad selection of amperages and NEMA configurations in Industrial, Commercial and Residential grades with an array of colors from which to choose. **16353-6Y shown**



#### Decora Illuminated Switches

Pilot Light, Illuminated Rocker, Maintained and Momentary Contact versions. **5631-2I, 5628-2A shown**



#### Decora Hospital Grade Receptacles

Leviton's selection includes Isolated Ground, Tamper Resistant, Surge Protected, GFCI and Power Indication™ versions. **16262-1GR shown**



#### Decora Combo Devices

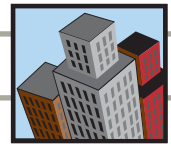
Compact design fits dual or triple switch, switch/receptacle, or switch/GFCI receptacle into standard wallboxes. **8299-W shown**



#### Decora Communications Wiring Devices

Pre-configured and field-configurable jacks accommodate Decora wallplates, complementing other Decora wiring devices, and fit in standard NEMA wallboxes. **41658-W shown**



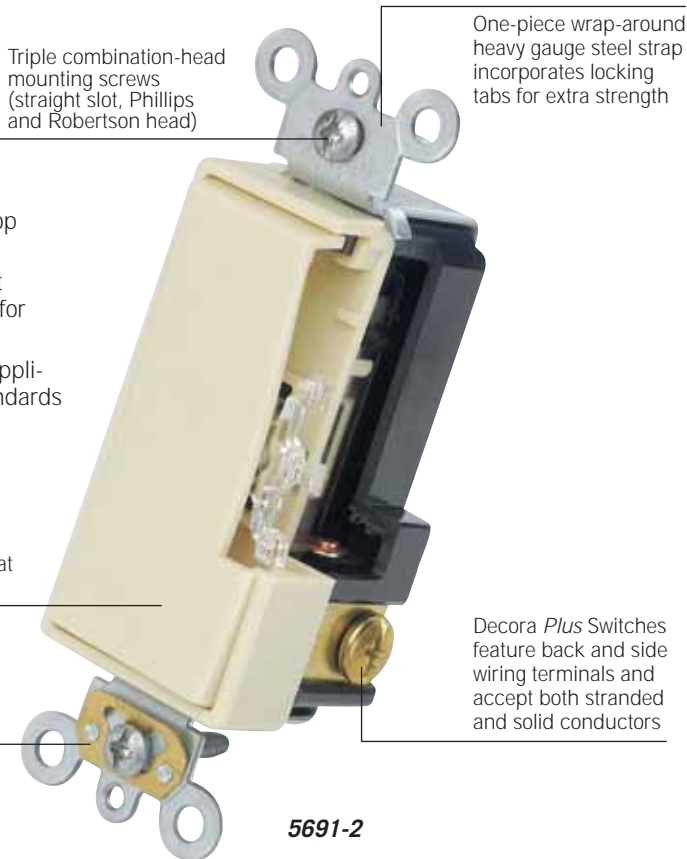


**DECORA PLUS SWITCHES ENHANCE EVERY INTERIOR**

Leviton's Decora line of designer-style switches are available in a complete range of single pole, double pole, 3 and 4-way switches in both residential and commercial grades. They come in a cascade of contemporary shades and add an air of distinction and value to contemporary commercial and residential design schemes.

**Features and Benefits**

- Engineered for fine tolerances and top performance
- Decora Plus Switches feature impact resistant thermoplastic construction for long service life
- All Decora devices meet or exceed applicable UL, CSA and NOM testing standards



Decora Plus Switches have patented concave rockers that present a low profile

Self-grounding clip

One-piece wrap-around heavy gauge steel strap incorporates locking tabs for extra strength

Decora Plus Switches feature back and side wiring terminals and accept both stranded and solid conductors

5691-2



**Decora Plus Switches**

A complete range of rugged Commercial Specification Grade single pole, double pole, 3 and 4-way switches.

5691-2E, 5621-2W shown



**Illuminated Switches**

Rocker lens is illuminated when load is OFF.

5631-2I shown



**Pilot Light Switches**

Rocker lens is illuminated when load is ON.

5628-2A shown



**Momentary Contact Switches**

Combines Decora styling and rugged construction for momentary contact closure (single-pole, double-throw, center OFF switching).

5657-2A shown



**Maintained Contact Switches**

Rugged Decora styling for maintained contact closure (single-pole, double-throw, center OFF switching).

5685-2E shown



**Residential Grade Switches**

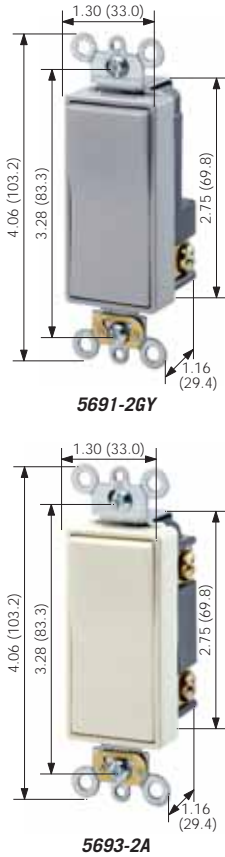
Engineered for smooth, quiet operation and a long trouble-free service in fine residential interiors.

5601-2I shown



# DECORA® PLUS SWITCHES 15 and 20 AMP 120/277V

## Commercial Grade Switches









### Decora Plus AC Quiet Rocker Switches

#### Back and Side Wired 120/277V AC

DESCRIPTION	15 AMP	20 AMP	ROCKER & FRAME COLOR* <i>Basic Cat. No. Denotes Mahogany</i>
Single-Pole	5691-2	5621-2†	I, W, A, T, GY, E
Double-Pole	—	5622-2	I, W, A, T, GY, E
Three-way	5693-2	5623-2†	I, W, A, T, GY, E
Four-way	—	5624-2	I, W, A, T, GY

†Available in Red (-R)

#### Wallplates

THERMOPLASTIC		POLYCARBONATE SCREWLESS SNAP-ON		302 STAINLESS STEEL	
					
80401-NT	80409-NT	80301-SGY	80309-SGY	84401-40	84409-40

For complete Decora wallplate selection, see pages B20–B24.

#### SPECIFICATIONS AND FEATURES

##### Back and Side Wired

- Full rated current capacity with tungsten, fluorescent or resistive loads. Motor capacity is 80% of switch rating
- Back and side-wiring terminals accept both solid and stranded wire to ease installation
- New architecturally-styled smooth-action concave rocker
- Heavy-duty impact-resistant thermoplastic construction for long service life in commercial applications
- Two ground connection options: a green grounding screw and a self-grounding clip
- For Canadian 347V Decora Plus Switches, see page B19

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Compliance with the latest Federal Specification WS-896
- Backed by a Limited 10-Year Warranty

#### \*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-GY), Black (-E), Red (-R).

#### Imprinted Decora Switches

Custom orders available in Ivory (-I), White (-W).

#### HORSEPOWER

15A	20A
1/2 @ 120V	1 @ 120V
2 @ 240V	2 @ 240V

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C





### Decora Plus Momentary and Maintained Switches







#### Back and Side Wired Momentary Contact 15 AMP 120/277V AC

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole, Double Throw, Center OFF	5657-2	I, W, A, T, GY, E <small>Basic Cat. No. Denotes Mahogany</small>

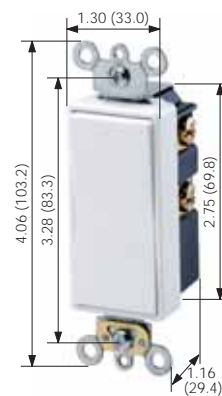
#### Back and Side Wired Maintained Contact 15 AMP 120/277V AC

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole, Double-Throw, Center OFF	5685-2	I, W, A, T, GY, E
Double-Pole, Double-Throw, Center OFF	5686-2	I, W, A, T (No Mahogany)

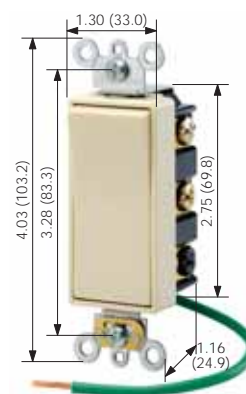
#### Wallplates

THERMOSET		THERMOPLASTIC		POLISHED BRASS	
					
80401-W	80601-W Midway Size	80401-NW	80409-NW	81401-PB	81409-PB

For complete Decora wallplate selection, see pages B20-B24.



5657-2W



5686-2I

#### SPECIFICATIONS AND FEATURES

- Full rated current capacity with tungsten, fluorescent or resistive loads. Motor capacity is 80% of switch rating
- Wrap-around heavy-gauge strap with locking tabs for added strength
- Back and side-wiring terminals accept both solid and stranded wire to ease installation

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Meets requirements of latest Federal Specification WS-896
- Backed by a Limited 10-Year Warranty

#### \*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-GY), Black (-E).

#### HORSEPOWER

15A  
1/2 @ 120V  
2 @ 240V

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

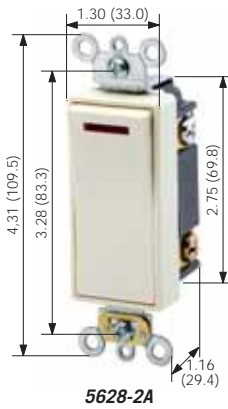


# DECORA® PLUS SWITCHES 20 AMP 120 and 277V

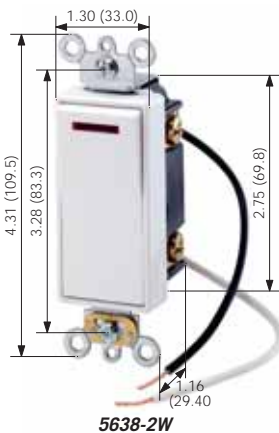
## Commercial Grade Switches



5631-2W



5628-2A



5638-2W

### Decora Plus Illuminated and Pilot Light Switches

**20 AMP Back and Side Wired Illuminated**   
(Illuminated when load is OFF—Does not require a neutral wire)

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole, 120V AC	5631-2	I, W, A, T, E
Three-way, 120V AC	5633-2	I, W, A, T
Single-Pole, 277V AC	5649-2	I, W
Three-way, 277V AC	5659-2	W

**20 AMP Back and Side Wired Pilot Light**   
(Illuminated when load is ON—Requires a neutral wire)

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole, 120V AC	5628-2	I, W, A, T
Three-way, 120V AC	5638-2	I, W, A
Single-Pole, 277V AC	5629-2	I, W
Three-way, 277V AC	5639-2	W

### Wallplates

THERMOSET		THERMOPLASTIC		ALUMINUM	
80601-A Midway Size	80609-A Midway Size	80401-NW	80409-NW	83401	83409

For complete Decora wallplate selection, see pages B20–B24.

#### SPECIFICATIONS AND FEATURES

- 20A, 120 and 277V single-pole and 3-way versions
- Pilot Light rocker visible when ON even in bright light
- Back and side-wiring terminals accept both solid and stranded wire to ease installation
- Two ground connection options: a green grounding screw and a self-grounding clip

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Compliance with the latest Federal Specification WS-896
- Backed by a Limited 10-Year Warranty

#### \*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Black (E).

#### HORSEPOWER

**20A**  
1 @120V  
2 @ 240V

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C











### Decora AC Quiet Rocker Switches

#### 15 AMP Quickwire Push-In and Side Wired 120/277V AC

DESCRIPTION	CAT. NO.	ROCKER/FRAME COLOR*
Single-Pole	5601	Mahogany
	5601-1	Ivory
	5601-W	White
	5601-2	Mahogany
	5601-2I	Ivory
	5601-2W	White
	5601-2A	Almond
	5601-2T	Light Almond
	5601-2E	Ebony
	5601-2GY	Gray
Double-Pole	5602-2	Mahogany
	5602-2I	Ivory
	5602-2W	White
	5602-2GY	Gray
	5602-2A	Almond
	5602-2T	Light Almond
Three-Way	5603	Mahogany
	5603-1	Ivory
	5603-W	White
	5603-2	Mahogany
	5603-2I	Ivory
	5603-2W	White
	5603-2A	Almond
	5603-2T	Light Almond
	5603-2E	Ebony
Four-Way	5604-2	Mahogany
	5604-2I	Ivory
	5604-2W	White
	5604-2A	Almond
	5604-2T	Light Almond
	5604-2E	Ebony
	5604-2GY	Gray

Note: To order Decora rocker switches with grounding screw add suffix -2 (e.g. 5601-2I)

#### Wallplates

THERMOSET		POLYCARBONATE SCREWLESS SNAP-ON		302 STAINLESS STEEL	
					
80401-GY	80409-GY	80301-SI	80309-SI	84401-40	84409-40

For complete Decora wallplate selection, see pages B20-B24.

#### SPECIFICATIONS AND FEATURES

- Switch frame shields against dust and fits in wallplate to prevent rocker binding
- Side Wire and Quickwire (No. 12 or No. 14 copper or copper-clad wire) push-in terminal wiring options
- Sturdy construction for long service life
- Full rated current capacity with tungsten, fluorescent or resistive loads. Motor capacity is 80% of switch rating
- Conform to all NEMA standard specifications

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### \*COLOR

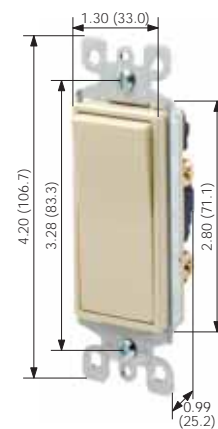
Rocker/Frame colors available as listed.

#### HORSEPOWER

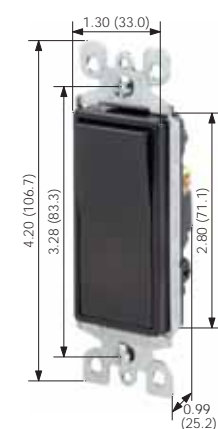
15A  
1/2 @ 120V  
2 @ 240V

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



5601-2I



5603-2E

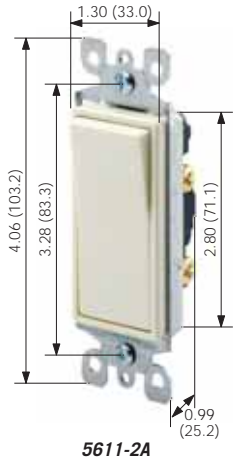


5603-2GY



# DECORA® SWITCHES 15 AMP 120 and 120/277V

## Residential Grade Switches



5611-2A



5601-Z2W



911-W

### Decora AC Quiet Rocker Switches

Quickwire® and Side Wired Illuminated 15 AMP 120/277V AC   
(Illuminated when load is OFF—Does not require a neutral wire)

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole	5611-I	Ivory
	5611-W	White
	5611-2A	Almond
	5611-2T	Light Almond
Three-Way	5613-I	Ivory
	5613-W	White
	5613-2A	Almond
	5613-2T	Light Almond
Four-Way	5614-2I	Ivory
	5614-2W	White
	5614-2A	Almond
	5614-2T	Light Almond

Note: To order Decora rocker switches with grounding screw add suffix -2 (e.g. – 5611-2I)

Quickwire and Side Wired Pilot Light 15 AMP 120V AC   
(Illuminated when load is ON—Requires a neutral wire)

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole	5618-2	I, W, A, T

Quickwire and Side Wired Imprinted 15 AMP 120/277V AC

DESCRIPTION	CAT. NO.	STOCK MESSAGES AVAILABLE
Single-Pole, Ivory, Stock or Custom Imprinted	5601-Z2I	FAN, DISPOSAL, OIL BURNER
Single-Pole, White, Stock or Custom Imprinted	5601-Z2W	FAN, DISPOSAL, OIL BURNER

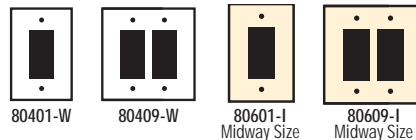
### 911 Flasher Switch

500 WATTS 120V

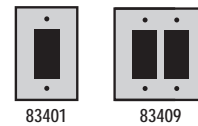
DESCRIPTION	CAT. NO.	COLOR*
3-Position Emergency Flasher Rocker Switch	911	I, W, A

### Wallplates

#### THERMOSET



#### ALUMINUM



For complete Decora wallplate selection, see pages B20–B24.

#### SPECIFICATIONS AND FEATURES

- Illuminated Switch rocker illuminated when load is OFF
- Pilot Light switch rocker visible when ON even in bright light
- Switch border shields against dust and fits in wallplate to prevent rocker binding
- Side-wiring terminals accept both solid and stranded wire to ease installation
- Full rated current capacity with tungsten, fluorescent or resistive loads. Motor capacity is 80% of switch rating
- Conform to all NEMA standard specifications

#### Imprinted Decora Switches

- Stock Decora switches available with choice of three imprints on rocker: FAN, DISPOSAL, OIL BURNER

#### 911 Switch

- 911 Switch provides standard ON/OFF control plus a special illuminated FLASH function will flash controlled lighting ON and OFF at one-second intervals
- Replaces standard single-pole switch-flash function alerts neighbors and helps emergency personnel locate a house quickly

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### \*COLOR

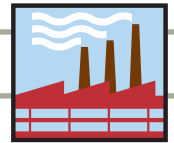
For color choice add suffix as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T).

#### HORSEPOWER

15A  
1/2 @ 120V  
2 @ 240V

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

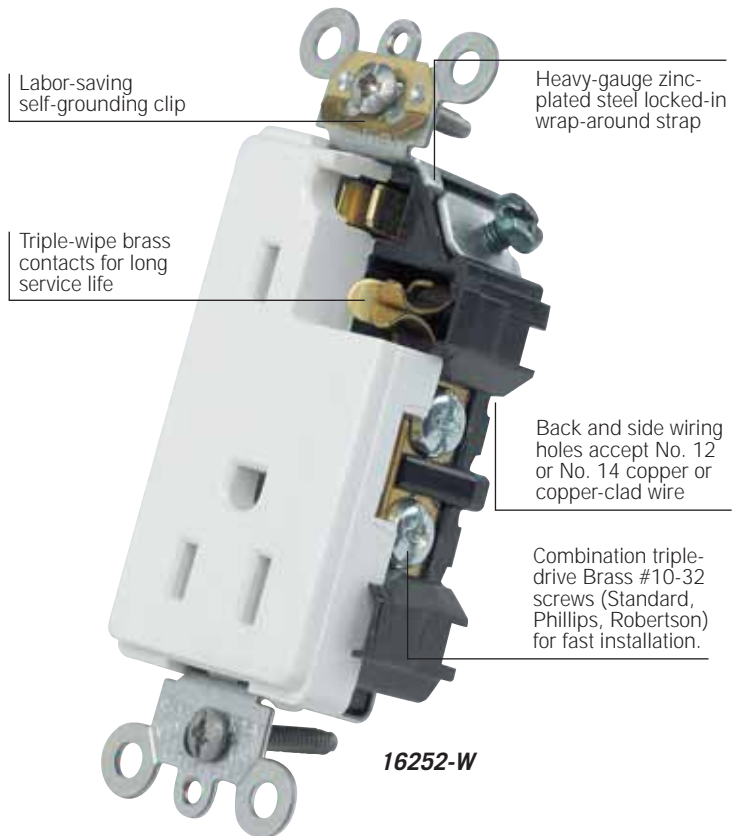


### THE BEAUTY, DURABILITY AND VERSATILITY OF DECORA RECEPTACLES

Leviton's Decora line of designer-style receptacles are available in Industrial Grade (including Hospital Grade), Commercial Grade and Residential Grade, with a number of wiring options and features. They come in a variety of contemporary shades and add contemporary style to fine interiors everywhere.

#### Features and Benefits

- Engineered for fine appearance and top performance in demanding commercial and institutional applications using a durable, thermoplastic face and impact-resistant construction
- Shallow design for maximum wiring room in wallbox
- Back Wire and Side Wire terminal wiring options for ease of installation
- Heavy-gauge zinc-plated steel locked-in wrap-around strap
- Triple-wipe brass contacts for long service life
- Exclusive V-shaped, serrated back wiring clamps for superior contact and conductivity
- Available in an array of colors to coordinate with any interior
- Backed by a Limited 10-Year Warranty



#### Hospital Grade Tamper Resistant Receptacles

These Hospital Grade receptacles incorporate a unique shutter mechanism that opens easily for insertion of 2 or 3-prong plugs, but prevents the insertion of small objects into either slot.

**16262-SGI shown**



#### Dual Voltage Receptacles

Maintain the consistent look of Decora style receptacles throughout commercial settings even when the need arises for Dual Voltage 15A 125 and 15A 250V duplex receptacles.

**16292-I shown**



#### Surge Suppressor Receptacles

Decora-style single and duplex surge-protective receptacles, including versions with audible alarm, LED indicator light and Isolated Ground.

**8280-IGB shown**



#### Hospital Grade Power Indication™ Receptacles

Power Indication meets UL 498 Hospital Grade identification requirements and provides visual confirmation that the device is energized.

**16362-PLR shown**



#### SmartLock® GFCI Receptacles

SmartLock GFCI meets or exceeds UL 2003 requirements and features a patented lockout action that blocks RESET if GFCI protection has been compromised.

**8599-W shown**

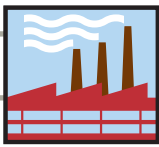


#### Residential Grade Receptacles

Receptacles engineered for elegant appearance, speedy installation and a long trouble-free service life for fine residential applications.

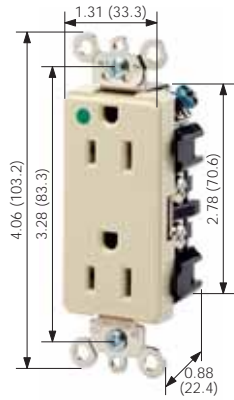
**5325-I shown**



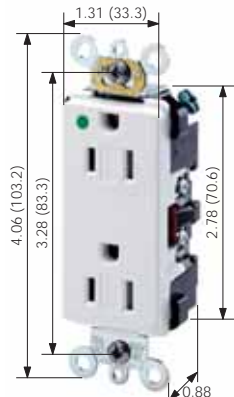


# DECORA® PLUS RECEPTACLES 15 and 20 AMP 125V • 20 AMP 250V

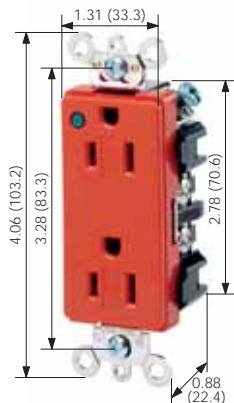
## Industrial Grade Receptacles



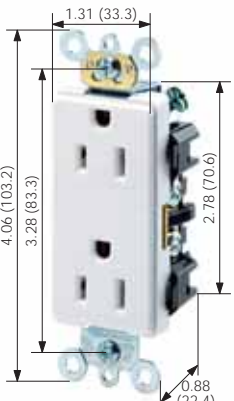
16262-HGI



16262-SGW



16262-PLR





16262-W


### Decora Plus Receptacles

#### Back and Side Wired NEMA 5-15R & 5-20R

(Basic Cat. No. denotes Mahogany device except where noted)

DESCRIPTION	CAT. NO./COLOR* 15A-125V	CAT. NO./COLOR* 20A-125V
	5-15R 	5-20R 
Hospital Grade, Duplex	<b>16262-HG</b> I, W, G, R (No Mahogany)	<b>16362-HG</b> I, W, G, R (No Mahogany)
Hospital Grade, Tamper Resistant Duplex	<b>16262-SG</b> I, W, R	
Hospital Grade, Isolated Ground Duplex (Not Self-Grounding)	<b>16262-IG</b> (Basic Cat. No. Orange) B, I, W, G, R, E	<b>16362-IG</b> (Basic Cat. No. Orange) B, I, W, G, R
Hospital Grade, Power Indication® Duplex	<b>16262-PL</b> I, W, R (No Mahogany)	<b>16362-PL</b> I, W, R (No Mahogany)
Industrial Grade, Duplex	<b>16262</b> I, W, GY, E	<b>16362</b> I, W, A, T, GY, E









#### Back and Side Wired NEMA 6-20R

DESCRIPTION	CAT. NO./COLOR* 20A-250V
	6-20R 
Hospital Grade, Duplex	<b>16462-HG</b> I, W (No Mahogany)

#### Wallplates for Isolated Ground Devices Engraved with "Isolated Ground"

DESCRIPTION	CAT. NO.	COLOR*
Decora Receptacle Wallplate	<b>80401-IG</b>	Orange only

#### Wallplates

THERMOPLASTIC				POLYCARBONATE SCREWLESS SNAP-ON		302 STAINLESS STEEL	
							
80401-NI	80409-NI	PJ26-I Midway Size	80409-NR	80301-SW	80309-SW	84401-40	84409-40

For complete Decora wallplate selection, see pages B20–B24.

#### SPECIFICATIONS AND FEATURES

- Durable thermoplastic face in an array of contemporary colors
- Receptacles have a locked-in mounting strap with a self-grounding clip riveted to the strap (Except Isolated Ground devices)
- Hospital Grade Tamper-resistant receptacles include a unique shutter mechanism that opens easily for the insertion of 2 or 3-prong plugs while preventing entry by other small objects into either outlet slot
- Hospital Grade Isolated Ground receptacles (identified by an orange face or triangle on the face) protect sensitive electronic equipment and eliminate electromagnetic interference by providing a separate path to ground
- Power Indication meets UL 498 Hospital Grade identification requirements and provides visual confirmation that the device is energized.
- Back and side wiring terminals permit fast installation of up to # 10 solid or stranded conductors
- Triple-wipe copper alloy contacts ensure maximum conductivity

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

#### \*COLOR

Basic Cat. Nos. denote Mahogany device (unless indicated) and Orange for Isolated Ground (-IG) Devices. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Mahogany (for IG devices only, add -B), Red (-R), Gray (-G or -GY) and Black (-E).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 60°C Maximum Continuous



**Decora Plus Receptacles**

**Back and Side Wired, Self-Grounding† NEMA 5-15R, 6-15R, 5-20R & 6-20R**

*(Basic Cat. No. denotes Mahogany device\*)*

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
	5-15R	6-15R	5-20R	6-20R
Duplex	<b>16252</b> I, W, A, T, GY, E	<b>16662</b> I, W	<b>16352</b> I, W, A, T, GY, E	<b>16462</b> I, W, E
Single	<b>16251</b> I, W	<b>16651</b> I, W (No Mahogany)	<b>16351</b> I, W	<b>16451</b> I, W (No Mahogany)
Tamper Resistant Duplex	<b>DR15S-G</b> I, W, A (No Mahogany)	—	—	—

†Self-grounding when installed in a properly grounded metal wallbox

**Side Wired, Self-Grounding† NEMA 5-15R, 6-15R, 5-20R & 6-20R**

*(Basic Cat. No. denotes Mahogany device\*)*

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
	5-15R	6-15R	5-20R	6-20R
Duplex	<b>16242</b> I, W, E (No Mahogany)	—	<b>16342</b> I, W, GY, E	—
Single	<b>16241</b> I, W (No Mahogany)	<b>16641</b> I, W (No Mahogany)	<b>16341</b> I, W, A, T, GY	<b>16441</b> I, W, A, T (No Mahogany)

†Self-grounding when installed in a properly grounded metal wallbox

**Back and Side Wired, Self-Grounding† 125V/250V Dual Voltage**  
**NEMA 5-15R & 6-15R**

DESCRIPTION	CAT. NO.	COLOR*
Duplex, Dual Voltage	<b>16292</b>	I, W

†Self-grounding when installed in a properly grounded metal wallbox

**Wallplates**

THERMOSET		POLYCARBONATE SCREWLESS SNAP-ON		THERMOPLASTIC	
80401	80609-A Midway Size	SJ26-SA Midway Size	SJ262-SA Midway Size	80401-NGY	80409-NGY

For complete Decora wallplate selection, see pages B20–B24.

**SPECIFICATIONS AND FEATURES**

- Back Wire and Side Wire terminal options
- Heavy-gauge zinc-plated steel locked-in wrap-around strap
- Terminal screws accept up to No. 10 copper or copper-clad wire, solid or stranded
- Back wire terminals accept up to No. 10 copper or copper-clad wire, solid or stranded
- Labor-saving self-grounding clip
- Heavy-duty triple-wipe brass contacts for long service life
- Impact-resistant thermoplastic construction

**TESTING AND CODE COMPLIANCE**

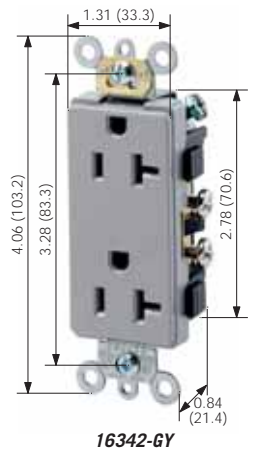
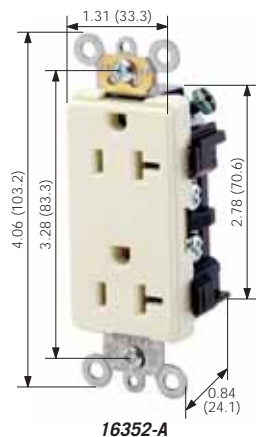
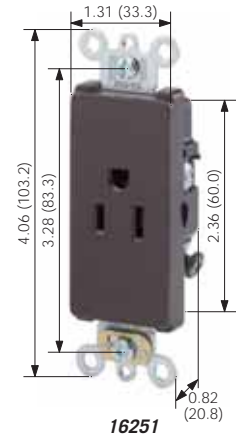
- UL Listed (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

**\*COLOR**

Basic Cat. No. denotes Mahogany device (unless indicated). For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-GY) and Black (-E).

**MATERIAL CHARACTERISTICS**

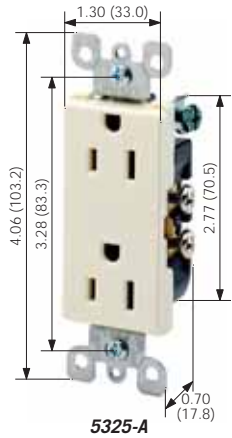
Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 60°C Maximum Continuous



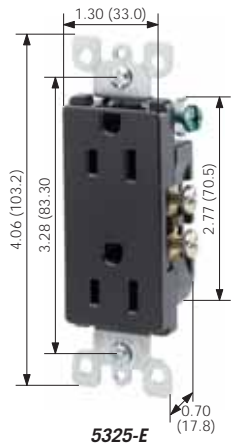


# DECORA® RECEPTACLES 15 AMP 125V

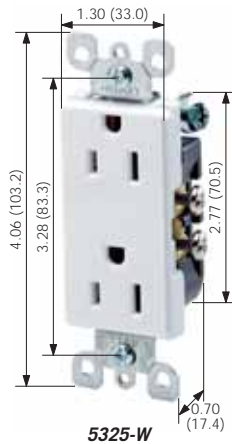
## Residential Grade Receptacles



5325-A



5325-E



5325-W

### Decora AC Receptacles

Side Wire and Quickwire NEMA 5-15R

DESCRIPTION	CAT. NO.	COLOR*
	5-15R	Basic Cat. No. Denotes Mahogany
Duplex	<b>5325</b>	I, W, A, T, GY, E
Duplex, Self-Grounding Clip	<b>5325-S†</b>	I, W, A, T (No Mahogany)
Duplex, 8-Hole Quickwire	<b>5328</b>	I, W, A (No Mahogany)

†Self-grounding when installed in a properly grounded metal wallbox

### Wallplates

THERMOSET			THERMOPLASTIC		POLISHED BRASS	302 STAINLESS STEEL	
80401-A	80409-E	80411-E	80401-NT	80409-NT	81401-PB	84401-40	84409-40

For complete Decora wallplate selection, see pages B20–B24.

#### SPECIFICATIONS AND FEATURES

- Side Wire and Quickwire™ holes accept No. 14 AWG copper wire for Cat. No. 5325
- Heavy-gauge zinc-plated steel mounting strap
- Heavy duty double-wipe brass contacts for long service life

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited One-Year Warranty

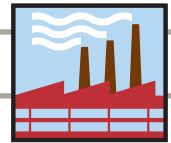
#### \*COLOR

Basic Cat. No. denotes Mahogany (Brown) device unless indicated. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-GY), and Black (-E).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 60° C Maximum Continuous





**Decora Surge Protective Receptacles**

**Back and Side Wired NEMA 5-15R & 5-20R**

*(Basic Cat. No. denotes Mahogany device except where noted)*

DESCRIPTION	CAT. NO./COLOR* 15A-125V	CAT. NO./COLOR* 20A-125V
	5-15R	5-20R
Hospital Grade, Surge Duplex with Indicator Light and Audible Alarm	<b>8280</b> I, W, A, T, R, B	<b>8380</b> I, W, GY, R, B
Hospital Grade, Surge Single with Indicator Light and Audible Alarm	—	<b>8381</b> I (No Mahogany)
Hospital Grade, Isolated Ground, Surge Duplex with Indicator Light and Audible Alarm	<b>8280-IG</b> I, W, A, G, B, O (No Mahogany)	<b>8380-IG</b> I, W, G, B, O (No Mahogany)
Hospital Grade, Isolated Ground, Surge Single with Indicator Light and Audible Alarm	<b>8281-IG</b> I, O (No Mahogany)	<b>8381-IG</b> I, W, B (No Mahogany)
Industrial Grade, Surge Duplex with Indicator Light and Audible Alarm	<b>7280</b> I, W, A, GY, B	<b>7380</b> I, W, GY, B
Industrial Grade, Surge Duplex with Indicator Light	<b>5280</b> I, W, A, T, GY, B	<b>5380</b> I, W, GY, B
Industrial Grade, Isolated Ground, Surge Duplex with Indicator Light	<b>5280-IG</b> I, W, A, G, B, O	<b>5380-IG</b> I, W, G, B, O

For more information regarding Surge Protective Devices, refer to Section R.

**Wallplates**

THERMOSET	POLYCARBONATE SCREWLESS SNAP-ON	BRASS	302 STAINLESS STEEL
 80401-NB	 80309-SA	 81401	 84401-40
 PJ26-BU Midway Size	 SJ262-SA Midway Size	 81409	 84409-40

For complete Decora wallplate selection, see pages B20–B24.

**SPECIFICATIONS AND FEATURES**

- Decora-styled TVSS receptacles protect sensitive electronic equipment against transient voltage surges
- UL 1449 Suppressed Voltage Ratings: 400V for all 3 modes (line-neutral, line-ground, neutral ground)
- Hospital Grade versions (indicated by green dot on receptacle face) are suitable for high-abuse health care, industrial and commercial applications
- Isolated Ground versions (indicated by orange color or orange triangle on receptacle face) provide a pure ground path for use with isolated grounding systems
- Monitor/Indicator LED is ON continuously when protection is active and OFF when protection circuit is deactivated due to excessive transients
- All Hospital Grade devices and Cat. Nos. 7280 and 7380 Industrial devices also provide an audible tone alert that sounds if protection is lost
- Maximum Continuous Operating Voltage: 150V
- Maximum single-pulse transient current (8 x 20µs Amps peak) 24,000A (L-N), 12,000A (L-G), 12,000 (N-G)
- Rated single pulse transient energy (10 x 1000µs, impulse) 320 Joules
- RFI and EMI noise filtration (-35db, @5KHz-5MHz)

**TESTING AND CODE COMPLIANCE**

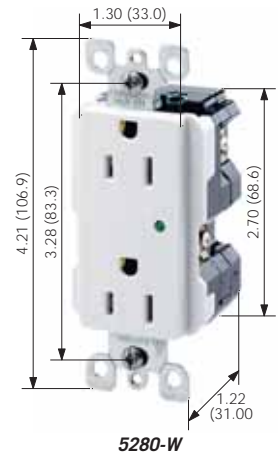
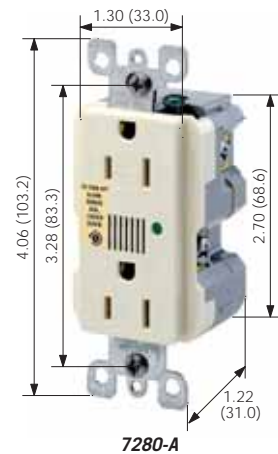
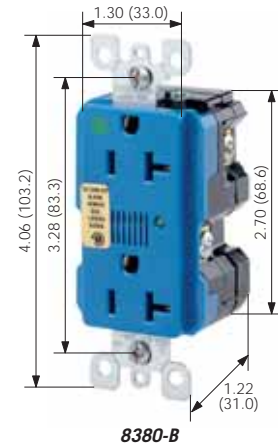
- UL Listed (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- UL Standard 1449-2nd ED
- Backed by a Limited 10-Year Warranty

**\*COLOR**

Basic Cat. Nos. denote Mahogany device, unless indicated. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Red (-R), Gray (-G or -GY), Blue (-B) and Orange (-O).

**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C





# DECORA® SMARTLOCK® GFCI PERSONNEL PROTECTION DEVICE FEATURES

## Commercial Grade Decora Devices



### SmartLock GFCI with Lockout Action

Meets or Exceeds Underwriters Laboratories (UL) 2003 GFCI Requirements

- Increased surge immunity
- Increased corrosion resistance
- Increased resistance to electrical noise
- Diagnostic indication for miswiring

### THE SMARTLOCK PROTECTION ADVANTAGE

*A standard GFCI can be RESET even if it's not providing ground fault protection. Leviton's patent-pending SmartLock features a RESET button that will not engage if protection has been compromised. With SmartLock, you will not have a live, unprotected receptacle in an installation where GFCI protection is required.*



**Be Smart...  
Look for the Lock**

### Ideal for a Wide Range of GFCI Applications

- Educational Facilities—Classrooms, bathrooms, laboratories, dormitory bathrooms and kitchens
- Airports—Public bathrooms, general use and maintenance areas
- Restaurants, Lodging and Retail Malls—Public bathrooms, general use and maintenance areas
- Residential—Kitchen, bathrooms, basements, outdoor receptacles and all locations where GFCI's are typically installed
- Public Areas—In any facility where GFCI receptacles are installed

#### SPECIFICATIONS AND FEATURES

- Meets or exceeds UL 2003 Requirements
  - TEST and RESET functions work together so that a tripped GFCI cannot be reset if GFCI circuit no longer provides ground fault protection
  - RESET button is blocked if GFCI protection has been compromised, reducing the possibility of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not
  - Cannot be reset if neutral is not present. GFCI can still be tripped with TEST button under this condition
  - Line-load diagnostic feature prevents GFCI from being reset and stops power from being fed through to downstream devices. This alerts installer to a line-load reversal. NOTE: Power will still be available to GFCI receptacle face in this condition and there will be no GFCI protection at the receptacle face
  - The SmartLock GFCI with lockout action is designed and patented by Leviton
  - Trip threshold meets or exceeds UL requirements for tripping time
  - Impact-resistant thermoplastic cover and body
  - Silver-alloy contacts
  - Compatible with all Decora devices: available in selected Decora colors
- Combination Switch/SmartLock® GFCI Outlet**
- Ideal for kitchens, bathrooms, modular kitchen units, bathroom cabinet fixtures, lamp cabinet fixtures and applications where combination devices are used.

#### TESTING AND CODE COMPLIANCE

- UL Standard 943 Class A (GFCI) and 498 (Receptacles)
- UL Listed (File # 48380)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### \*COLOR

Basic Cat. Nos. shown above denote Brown color unless indicated. For other color selections, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-G or GY), Red (-R), Black (-E).

#### MATERIAL CHARACTERISTICS

Flammability: Rated V2

Operating Temperature: -30°F (-35°C) to 151°F (66°C)



# SMARTLOCK® GFCI RECEPTACLES 15 AMP 125V • 20 AMP 125V

## Commercial and Hospital Grade GFCI Personnel Protection Devices




### Hospital Grade SmartLock® GFCI Receptacles

#### Back and Side Wired 15 AMP 125V at Receptacle, 20 AMP Feed-Through






DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	8598-HG	I, W, A, G, R <small>Basic Cat. No. Denotes Brown</small>	
Duplex with LED Indicator Light, buttons match face color. DIN-Rail mounting with terminal wiring block. UL Recognized Component	8598-DIN	Black Only	5-15R 

#### Back and Side Wired 20 AMP 125V at Receptacle and Feed-Through



DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	8898-HG	I, W, A, G, R <small>Basic Cat. No. Denotes Brown</small>	5-20R 

### Commercial Grade SmartLock® GFCI Receptacles

#### Back and Side Wired 15 AMP 125V at Receptacle, 20 AMP Feed-Through


DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
Duplex, No Indicator Light, buttons match face color	8599	I, W, A, T, GY, E <small>Basic Cat. No. Denotes Brown</small>	
Duplex, No Indicator Light, Black & Red buttons. Contractor Pack	8599-CP	I, W (No Brown)	5-15R 
Duplex, No Indicator Light, Black & Red buttons. With 4 1/2" leads	8599-L	I, W (No Brown)	5-15R 
Duplex with LED Indicator Light, buttons match face color	8598	I, W, A, T, E	
Duplex with LED Indicator Light, Black & Red buttons. Contractor Pack	8598-CPW	White Only	

#### Back and Side Wired 20 AMP 125V at Receptacle and Feed-Through

DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
Duplex, No Indicator Light, buttons match face color	8899	I, W, A, T, GY, E <small>Basic Cat. No. Denotes Brown</small>	5-20R 
Duplex with LED Indicator Light, buttons match face color	8898	I, W, A, T	5-20R 

### Combination Switch/SmartLock® GFCI Outlet

#### Side Wired 8.3 AMP 1000 WATT @ 120V AC Switch Rating, 15 AMP 125V at Receptacle, 20 AMP Feed-Through









DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
Single-Pole Switch and SmartLock GFCI-Protected Outlet, buttons match face color	8299	I, W	5-15R 

### Switch-Rated GFCI

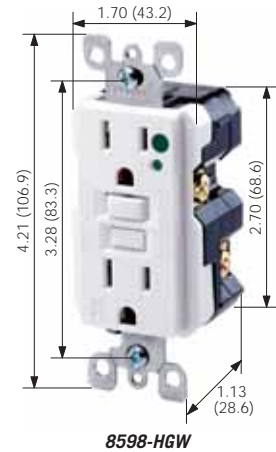
#### Back and Side Wired 1.5 HP @ 120V AC Switch Rating, 20 AMP 125V Feed-Through

DESCRIPTION	CAT. NO.	COLOR*
Blank Face, No Indicator Light, buttons match face color	8590	I, W, A

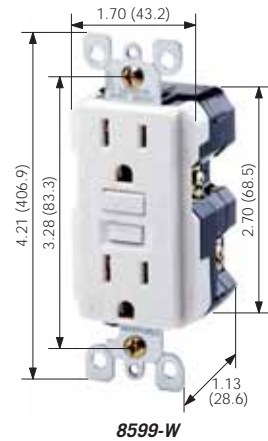
### Wallplates

THERMOSET	POLYCARBONATE SCREWLESS SNAP-ON	POLISHED BRASS	302 STAINLESS STEEL
  80401-NT 80409-NT	  80301-SW 80309-SW	  81401-PB 81409-PB	  84401-40 84409-40

For complete Decora wallplate selection, see pages B20-B24.



8598-HGW



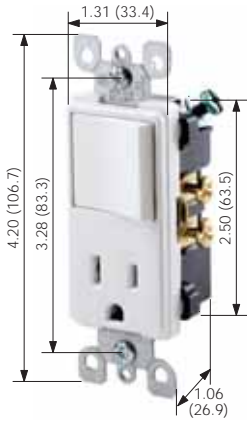
8599-W



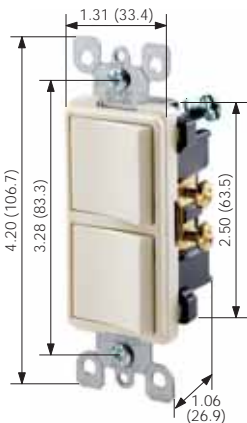


# DECORA® COMBINATION DEVICES 15 and 20 AMP • 120 and 120/277V

## Commercial Grade Combination Devices



5625-W



5634-A

### Decora Combination Devices






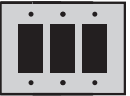
#### 15 AMP

DESCRIPTION	RATING	CAT. NO.	COLOR*
Single-Pole Switch/Receptacle	Switch: 15A-120V AC Receptacle: 15A-125V	<b>5625</b>	I, W, A, T, GY
Single-Pole Switch/Pilot Light	Switch: 15A-120V AC Pilot: 1/25W-125V AC	<b>5626</b>	I, W, A
Two Single-Pole Switches	15A-120/277V AC	<b>5634</b>	I, W, A, T, GY
3-Way Switch/Single-Pole Switch	15A-120/277V AC	<b>5641</b>	I, W, A, T
Two 3-Way Switches	15A-120/277V AC	<b>5643</b>	I, W, A, T
3-Way Switch/Receptacle	Switch: 15A-120V AC Receptacle: 15A-125V	<b>5645</b>	I, W, A
3-Way Switch/Pilot Light	Switch: 15A-120V AC Pilot: 1/25W-125V	<b>5646</b>	I, W, A

#### 20 AMP

DESCRIPTION	RATING	CAT. NO.	COLOR*
Two Single-Pole Switches	20A-120/277V AC	<b>5627</b>	I, W, A, T
Single-Pole Switch/Receptacle	Switch: 20A-120V AC Receptacle: 20A-125V	<b>5636</b>	I, W, A
Single-Pole Switch/Pilot Light	Switch: 20A-120V AC Pilot: 1/25W-125V AC	<b>5637</b>	I, W, A
Two 3-Way Switches	20A-120/277V AC	<b>5640</b>	I, W, A, T

### Wallplates

THERMOSET		THERMOPLASTIC	POLYCARBONATE SCREWLESS SNAP-ON		302 STAINLESS STEEL
					
80401-W	80409-W	80409-NI	80309-SI	80311-SI	84411-40

For complete Decora wallplate selection, see pages B20-B24.

#### SPECIFICATIONS AND FEATURES

- Elegant Decora styling provides multiple control in a single-gang wallbox
- All devices have grounding screw
- Fit standard wall boxes

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### \*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-GY).

#### HORSEPOWER

15A	20A
1/2 @ 120V	1 @ 120V
2 @ 240V	2 @ 240V

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



**Decora Combination Switches**

**Individual Switches: 15 AMP 120V/Device Total: 20 AMP-120V†**

DESCRIPTION	CAT. NO.	COLOR*
Dual Rocker Switches	1754	I, W, A, T
Dual Rocker Switches with Grounding Lead	1754-2	W
Illuminated Dual Rocker Switches light is ON when top rocker is off	1754-IL	I, W, A
Three Rocker Switches	1755	I, W, A, T
Three Rocker Switches with Grounding Lead	1755-2	I, W
Three Rocker Switches (Double Pole ON-OFF-ON Top Switch; Two Single-Pole Switches)	1759	I, W

†WARNING: Although each individual rocker switch is rated up to 15A 120V, the total combined load for both duplex or all three triplex switches MUST NOT EXCEED 20 AMPS.



**Decora Combination Switch/SmartLock® GFCI Outlet**

**Receptacle: 15 AMP 125V/Feed-through: 20 AMP 125V**  
**Switch Rating: 8.3 AMP, 1000 WATTS @ 120V AC**

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Switch and SmartLock GFCI-Protected Outlet	8299	I, W



**Wallplates**

THERMOSET		POLYCARBONATE SCREWLESS SNAP-ON			BRASS
80401-I	80409-I	80301-SW	80309-SW	80311-SW	81401

For complete Decora wallplate selection, see pages B20–B24.

**SPECIFICATIONS AND FEATURES**

- Multi-switch combination devices save space and add convenience
- Common shunted internally to all switches
- Elegant Decora styling permits ganging with other Decora devices
- Switch/SmartLock GFCI Receptacle replaces standard switch/outlet combination devices in commercial or residential installations
- Space-saving SmartLock GFCI protection in new or retrofit construction
- Switch/SmartLock GFCI Receptacle permits multiple wiring options that allow six different applications

**SmartLock GFCI**

- Meets or exceeds UL 2003 Code Requirements for increased surge immunity, corrosion resistance, resistance to false tripping and diagnostic indication for line-load wiring reversal
- Exclusive, patented lockout-action: RESET button is blocked if GFCI protection has been compromised, eliminating the risk of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not

**TESTING AND CODE COMPLIANCE**

**Decora Switches**

- UL Listed (File #7458)
- CSA (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

**Switch/SmartLock GFCI Receptacle**

- UL Listed (File #48380)
- Listed UL Standard 943, Class A
- CSA Certified (File #LR-57811)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

**\*COLOR**

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T).

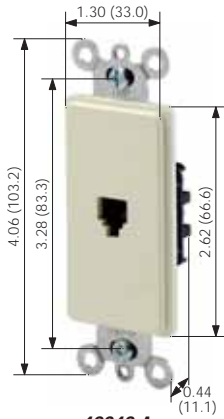
**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
 Operating Temperature: -40°C to 120°C



# DECORA® VOICE, DATA and VIDEO DEVICES

## Commercial Grade Wall Jacks



40649-A



40681



40682-GY

### Wall Jacks

#### Type 625 Single Telephone Wall Jacks

DESCRIPTION	CAT. NO.	COLOR*
4-Conductor	40649	I, W, A, GY, E <small>Basic Cat. No. Denotes Mahogany</small>
6-Conductor	40638	I, W, A, T, GY
8-Conductor	40680	I, W, GY

#### F Connector Wall Jacks\*

DESCRIPTION	CAT. NO.	COLOR*
Single F Connector	40681	I, W, A, T, GY
Duplex F Connector	40682	I, W, A, GY
Single F Connector (includes Snap-On Decora Plus Wallplate)	80381	I, W, A, T, GY, E

\*Standard bulkhead F connector for CATV or other video applications. These jacks are not rated UL94V-0.

#### Decora® Plus Voice/Data Jacks with QuickPort® Snap-in Modules

DESCRIPTION	CAT. NO.	COLOR*
Empty, 2-Port Platform, No Jacks	41642	I, W, A, GY, B, E
Platform with Two 6-Conductor Jacks	41666	I, W, T
Platform with Two 8-Conductor Jacks	41688	I, W
Platform with One 6-Conductor Jack and One F Connector	41658	I, W, T
Platform with One 6-Conductor Jack and One 8-Conductor Jack	41668	I, W

### Wallplates

THERMOSET	THERMOPLASTIC	POLYCARBONATE SCREWLESS SNAP-ON
80401-A 80601-A Midway Size	PJ262-GY Midway Size 80409-NGY	80301-S SJ262-S Midway Size

For complete Decora wallplate selection, see pages B20–B24.

#### SPECIFICATIONS AND FEATURES

- All wall jacks are compatible with Decora Plus snap-on wallplates and Decora standard wallplates
- All wall jacks can be used with single or multiple-gang wall boxes
- Modular Jacks have 50 micro-inches hard gold-plated phosphor bronze spring wire contacts.
- Jacks can be used for 75-OHM cable connections for televisions, VCR's and receivers
- Decora Plus Duplex Jack uses snap-in modules with quick-connect insulation displacement terminals for 22 or 24 AWG wire

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #109712) in accordance with NEC Article 800-51(-I)
- CSA Certified (File #80287 for all cat. nos. except 80381, which is File #LR-20064)
- NOM Certified (#057)

- Decora F-Connector Wall Jacks meet specs. for UL 1863
- Meet FCC Part 68 requirements
- All Decora Plus Voice/Data Jack Snap-in QuickPort modules meet TIA-568A electrical, mechanical and transmission requirements
- Wall Jacks' housings of high-impact, self-extinguishing plastic, rated UL 94 V-0
- Backed by a Limited Two-Year Warranty

#### \*COLOR

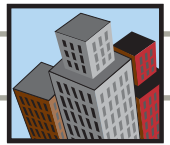
Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Brown (-B), Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-GY), Black (-E).

#### MATERIAL CHARACTERISTICS

Environmental Flammability: Meet specs for UL1863

For QuickPort® Snap-in Modules, see section "S"





**Canadian 347V AC Quiet Rocker Switches**

**Back and Side Wired 15 AMP 347V AC**



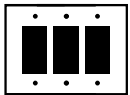
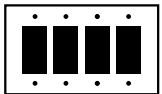
DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Rocker Switch	5691-C	I, W, A, G, E
3-Way Rocker Switch	5693-C	I, W, A, E
4-Way Rocker Switch	5694-C	W

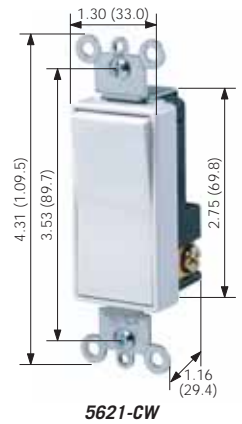
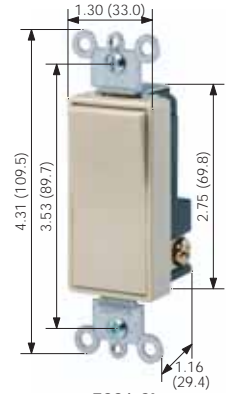
**Back and Side Wired 20 AMP 347V AC**

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Rocker Switch	5621-C	W
3-Way Rocker Switch	5623-C	W
4-Way Rocker Switch	5624-C	W

**Midway Nylon Wallplates**

**For Canadian 347V Decora Devices**

DESCRIPTION	CAT. NO.	COLOR*
1-Gang 1-Decora 	80401-CN	I, W, A, G, E
2-Gang 2-Decora 	80409-CN	I, W, A, G, E
3-Gang 3-Decora 	80411-CN	I, W, G, E
4-Gang 4-Decora 	80412-CN	I, W, G



**SPECIFICATIONS AND FEATURES**

- New architecturally-styled smooth-action concave rocker
- Heavy-duty impact-resistant thermoplastic construction for long service life in commercial applications
- Full rated current capacity with tungsten, fluorescent or resistive loads. Motor capacity is 80% of switch rating
- Wrap-around heavy-gauge strap with locking tabs for added strength
- Back and side-wiring terminals accept both solid and stranded wire to ease installation
- Green grounding screw
- Canadian 347V Decora wallplates available in a number of colors
- **Note:** Decora Plus Canadian 347V switches fit only those wallplates designated for 347V AC devices
- **Note:** Canadian 347V Decora wallplates fit "Commander Type" boxes

**TESTING AND CODE COMPLIANCE**

- Switches**
- UL Listed (File #E-7458)
  - CSA Certified (File #LR-3413)
- Wallplates**
- UL Listed (File #E-13397)
  - CSA (File #LR-16347)
  - NOM Certified (#057)
  - Fully compliant with NEMA Standards WD-1
  - Backed by a Limited 10-Year Warranty

**\*COLOR**

For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), Gray (-G), Black (-E) and Red (-R).

**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
 Operating Temperature: -40°C to 120°C



# DECORA® PLUS SCREWLESS SNAP-ON WALLPLATES

## Commercial Grade Wallplates

### Decora Plus Screwless Snap-On Wallplates

- Sleek, smooth contemporary architectural styling enhances fine décor
- Exclusive new design eliminates subplate screws
- "Hook and Snap" subplate and wallplate mounting provides easy, time saving installation
- Decora-compatible two-piece kit allows easy retrofit to any Decora installation
- Tough, unbreakable polycarbonate construction
- Now available in standard and midway sizes that can be mounted onto larger-volume wallboxes and/or used to hide wall irregularities.

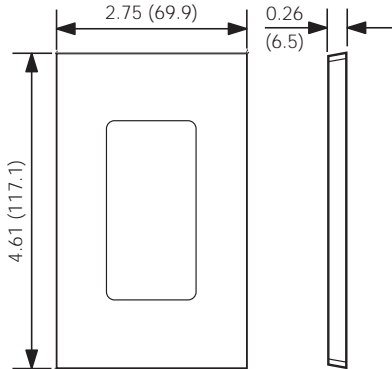


**80301-SW**  
Standard Size



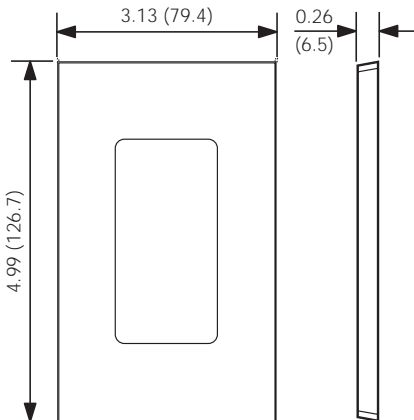
**SJ26-SW**  
Midway Size

#### Standard Size Single-Gang Screwless Snap-On Wallplate



**80301-S**

#### Midway Size Single-Gang Screwless Snap-On Wallplate



**SJ26-S**

Midway wallplates can be mounted onto larger-volume outlet boxes and/or used to hide wall irregularities. Midway wallplates are a full 0.375" higher and wider than standard size wallplates.

NOTE: Add 1.81" (46.0mm) for each additional gang.

### Decora Plus Screwless Snap-On Wallplates

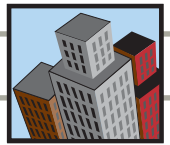
DESCRIPTION	COLOR	STANDARD	MIDWAY
1-Gang 1-Decora	Ivory	80301-SI	SJ26-SI
	Ebony/Black	80301-SE	SJ26-SE
	Gray	80301-SGY	SJ26-SGY
	White	80301-SW	SJ26-SW
	Mahogany/Brown	80301-S	SJ26-S
	Almond	80301-SA	SJ26-SA
	Light Almond	80301-ST	---
2-Gang 2-Decora	Ivory	80309-SI	SJ262-SI
	Ebony/Black	80309-SE	SJ262-SE
	Gray	80309-SGY	SJ262-SGY
	White	80309-SW	SJ262-SW
	Mahogany/Brown	80309-S	SJ262-S
	Almond	80309-SA	SJ262-SA
	Light Almond	80309-ST	---
3-Gang 3-Decora	Ivory	80311-SI	SJ263-SI
	Ebony/Black	80311-SE	SJ263-SE
	White	80311-SW	SJ263-SW
	Almond	80311-SA	SJ263-SA
	Light Almond	80311-ST	---
	---	---	---
4-Gang 4-Decora	Ivory	80312-SI	SJ264-SI
	White	80312-SW	SJ264-SW
	Almond	80312-SA	SJ264-SA
	Light Almond	80312-ST	---
5-Gang 5-Decora	Ivory	80321-SI	SJ265-SI
	White	80321-SW	SJ265-SW
	Almond	80321-SA	SJ265-SA
	Light Almond	80321-ST	---
6-Gang 6-Decora	Ivory	80326-SI	SJ266-SI
	White	80326-SW	SJ266-SW
	Almond	80326-SA	SJ266-SA
	Light Almond	80326-ST	---

#### TESTING AND CODE COMPLIANCE

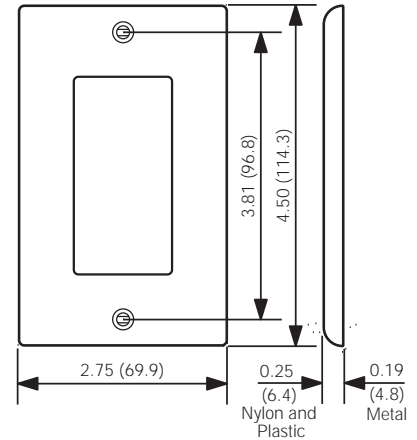
- UL Listed (File #E-13397)
- Meets NEMA Standards WD-1, WD-6
- CSA Certified (File #LR-16347)
- NOM Certified (File #057)
- Backed by a Limited Ten-Year Warranty

#### MATERIAL CHARACTERISTICS

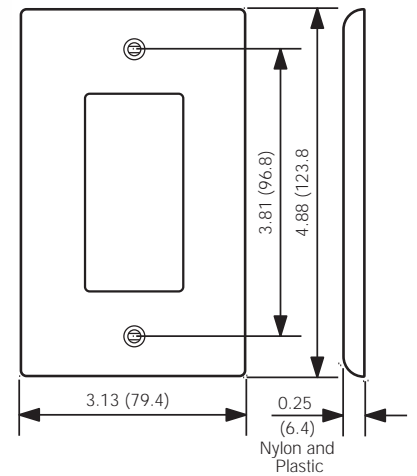
Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



Residential and Commercial Grade Decora Wallplates

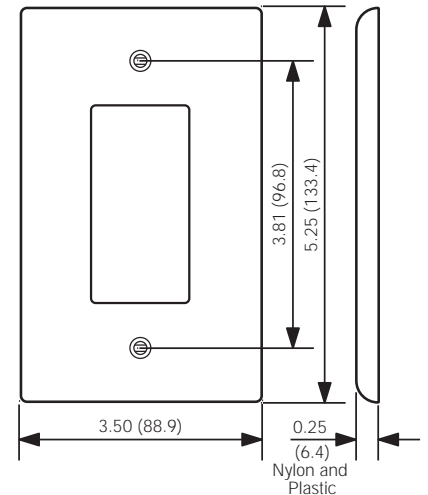


Standard Size Single-Gang



Midway Size Single-Gang

Midway wallplates can be mounted onto larger-volume outlet boxes and/or used to hide wall irregularities. Midway wallplates are a full 0.375" higher and wider than standard size wallplates.



Oversized Single-Gang

Oversized wallplates are used to conceal greater wall irregularities than those hidden by Midway wallplates. Oversized wallplates are a full 0.75" higher and wider than standard size wallplates.

NOTE: Add 1.81" (46.0mm) for each additional gang.

All Decora Wallplates

- Accent any wall covering with a wide selection of colors and finishes
- Smooth face and rounded edges resist dust accumulation
- Individual plastic wrapping to protect wallplate's surface
- Color-matched metal mounting screws supplied

Residential Grade Thermoset Wallplates

- Photoelectrically color-matched to Leviton Decora devices
- Designed for high dielectric strength and arc resistance
- Meet or surpass UL 514 testing requirements
- Resistant to fading, discoloration, grease, oils, organic solvents and moisture scratches
- Backed by a Limited Two-Year Warranty

Commercial Grade Thermoplastic Wallplates

- Molded thermoplastic for maximum resistance to impact, abrasion, fading and discoloration
- Resistant to mechanical stress associated with high abuse applications
- Backed by a Limited Ten-Year Warranty

Commercial Grade Metal Wallplates

- Rounded edges to prevent injury and wall damage
- Deluxe stainless steel is non-magnetic Type 302, .032" thick
- Standard magnetic stainless steel Type 430, .032" thick, also available
- Brass is 70/30 alloy 260, .040" thick
- Aluminum is 3004 alloy, .040" thick
- Backed by a Limited Ten-Year Warranty

TESTING AND CODE COMPLIANCE

- Thermoplastic and Thermoset: UL Listed (File #E-13397)
- Metal: UL Listed (File #E-16347)
- Meets NEMA Standards WD-1, WD-6
- CSA Certified (File #LR-16347)
- NOM Certified (File #057)

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C





# DECORA® WALLPLATES

## Residential and Commercial Grade Decora Wallplates

Thermoset	Thermoplastic	Screwless Snap-On Polycarbonate	Assorted Metals
-----------	---------------	---------------------------------	-----------------

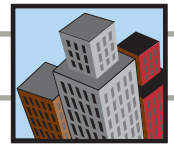
DESCRIPTION 1-Gang 1-Decora	Thermoset			Thermoplastic		Screwless Snap-On Polycarbonate		Assorted Metals		
	STANDARD P26	MIDWAY SPJ26	OVERSIZE PO26	STANDARD N26	MIDWAY PJ26	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80401-I	80601-I	86601	80401-NI	PJ26-I	80301-SI	SJ26-SI	Chrome	*	—
Black	80401-E	—	—	80401-NE	PJ26-E	80301-SE	SJ26-SE	Aluminum	<b>A26</b> 83401	—
Gray	80401-GY	80601-GY	—	80401-NGY	PJ26-GY	80301-SGY	SJ26-SGY	Brass	<b>B26</b> 81401	—
White	80401-W	80601-W	88601	80401-NW	PJ26-W	80301-SW	SJ26-SW	Polished Brass	81401-PB	—
Brown	80401	80601	—	80401-N	PJ26	80301-S	SJ26-S	430 S/S	*	*
Almond	80401-A	80601-A	82601	80401-NA	PJ26-A	80301-SA	SJ26-SA	302 S/S	<b>SN26-N</b> 84401-40	<b>SO26</b> SO26
Light Almond	80401-T	80601-T	—	80401-NT	PJ26-T	80301-ST	—			
Red	—	—	—	80401-NR	—	—	—			
Blue	—	—	—	80401-NB	PJ26-BU	—	—			

DESCRIPTION 2-Gang 2-Decora	Thermoset			Thermoplastic		Screwless Snap-On Polycarbonate		Assorted Metals		
	STANDARD P262	MIDWAY SPJ262	OVERSIZE PO262	STANDARD N262	MIDWAY PJ262	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80409-I	80609-I	86602	80409-NI	PJ262-I	80309-SI	SJ262-SI	Chrome	*	—
Black	80409-E	—	—	80409-NE	PJ262-E	80309-SE	SJ262-SE	Aluminum	<b>A262</b> 83409	—
Gray	80409-GY	80609-GY	—	80409-NGY	PJ262-GY	80309-SGY	SJ262-SGY	Brass	<b>B262</b> 81409	—
White	80409-W	80609-W	88602	80409-NW	PJ262-W	80309-SW	SJ262-SW	Polished Brass	81409-PB	—
Brown	80409	80609	—	80409-N	PJ262	80309-S	SJ262-S	430 S/S	*	*
Almond	80409-A	80609-A	82602	80409-NA	PJ262-A	80309-SA	SJ262-SA	302 S/S	<b>S262-N</b> 84409-40	<b>SO262</b> SO262
Light Almond	80409-T	80609-T	—	80409-NT	PJ262-T	80309-ST	—			
Red	—	—	—	80409-NR	PJ262-R	—	—			
Blue	—	—	—	80409-NB	—	—	—			

DESCRIPTION 3-Gang 3-Decora	Thermoset			Thermoplastic		Screwless Snap-On Polycarbonate		Assorted Metals		
	STANDARD P263	MIDWAY SPJ263	OVERSIZE	STANDARD N263	MIDWAY PJ263	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80411-I	80611-I	—	80411-NI	PJ263-I	80311-SI	SJ263-SI	Chrome	*	—
Black	80411-E	—	—	—	—	80311-SE	SJ263-SE	Aluminum	<b>A263</b> 83411	—
Gray	80411-GY	—	—	80411-NGY	PJ263-GY	—	—	Brass	<b>B263</b> 81411	—
White	80411-W	80611-W	—	80411-NW	PJ263-W	80311-SW	SJ263-SW	Polished Brass	81411-PB	—
Brown	80411	—	—	80411-N	—	—	—	430 S/S	*	*
Almond	80411-A	80611-A	—	80411-NA	PJ263-A	80311-SA	SJ263-SA	302 S/S	<b>S263-N</b> 84411-40	<b>SO263</b> SO263
Light Almond	80411-T	80611-T	—	80411-NT	PJ263-T	80311-ST	—			

\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.  
For Decora Combination Wallplates, see Section E.

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**



	Thermoset			Thermoplastic		Screwless Snap-On Polycarbonate		Assorted Metals		
<b>DESCRIPTION</b> 4-Gang 4-Decora										
COLOR	STANDARD P264	MIDWAY SPJ264	OVERSIZE	STANDARD N264	MIDWAY PJ264	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80412-I	80612-I	—	80412-NI	PJ264-I	80312-SI	SJ264-SI	Chrome	*	—
Black	80412-E	—	—	—	—	80312-SE	SJ264-SE	Brass	<b>B264</b> 81412	—
Gray	80412-GY	—	—	—	PJ264-GY	—	—	430 S/S	*	—
White	80412-W	80612-W	—	80412-NW	PJ264-W	80312-SW	SJ264-SW	302 S/S	<b>S264-N</b> 84412-40	—
Brown	80412	—	—	80412-N	—	—	—	—	—	—
Almond	80412-A	80612-A	—	80412-NA	PJ264-A	80312-SA	SJ264-SA	—	—	—
Light Almond	80412-T	80612-T	—	80412-NT	PJ264-T	80312-ST	—	—	—	—
<b>DESCRIPTION</b> 5-Gang 5-Decora										
COLOR	STANDARD P265	MIDWAY	OVERSIZE	STANDARD N265	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80423-I	—	—	80423-NI	—	80321-SI	SJ265-SI	Brass	<b>B265</b> 81423	—
Black	80423-E	—	—	—	—	—	—	430 S/S	*	—
Gray	80423-GY	—	—	—	—	—	—	302 S/S	<b>S265</b> 84423-40	—
White	80423-W	—	—	80423-NW	—	80321-SW	SJ265-SW	—	—	—
Brown	80423	—	—	—	—	—	—	—	—	—
Almond	80423-A	—	—	80423-NA	—	80321-SA	SJ265-SA	—	—	—
Light Almond	80423-T	—	—	80423-NT	—	80321-ST	—	—	—	—
<b>DESCRIPTION</b> 6-Gang 6-Decora										
COLOR	STANDARD P266	MIDWAY	OVERSIZE	STANDARD N266	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80436-I	—	—	80436-NI	—	80326-SI	SJ266-SI	Brass	<b>B266</b> *	—
Black	80436-E	—	—	—	—	—	—	430 S/S	—	—
Gray	80436-GY	—	—	—	—	—	—	302 S/S	<b>S266-N</b> 84436-40	—
White	80436-W	—	—	80436-NW	—	80326-SW	SJ266-SW	—	—	—
Brown	80436	—	—	—	—	—	—	—	—	—
Almond	80436-A	—	—	80436-NA	—	80326-SA	SJ266-SA	—	—	—
Light Almond	80436-T	—	—	—	—	80326-ST	—	—	—	—
<b>DESCRIPTION</b> 7-Gang 7-Decora										
COLOR	STANDARD S607	MIDWAY	OVERSIZE	STANDARD	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80407-I†	—	—	—	—	—	—	Brass	<b>B607</b> *	—
White	80407-W†	—	—	—	—	—	—	430 S/S	*	—
								302 S/S	<b>S607-N</b> *	—
<b>DESCRIPTION</b> 8-Gang 8-Decora										
COLOR	STANDARD S609	MIDWAY	OVERSIZE	STANDARD	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80408-I†	—	—	—	—	—	—	Brass	<b>B609</b> *	—
White	80408-W†	—	—	—	—	—	—	430 S/S	*	—
								302 S/S	<b>S609-N</b> *	—

\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery. †Painted metal

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**

For answers to technical questions, call Leviton's Techline at 1-800-824-3005





# DECORA® WALLPLATE ACCESSORIES

## Residential Grade



DECORA REPLACEMENT SCREWS

### Wallplate Replacement Screws (5/16"–6x32 threads)

DESCRIPTION	CAT. NO.	DESCRIPTION	CAT. NO.
Almond 100 per box	82400	Ivory 100 per box	86400
Stainless Steel 100 per box	84400	Gray 100 per box	87400
Brown 100 per box	85400	White 100 per box	88400

### Standard Size Plastic Adapters

DESCRIPTION	CAT. NO.	COLOR*
		<i>Basic Cat. No. Denotes Mahogany</i>
	80400	I, W, A, T, GY, E
Dimmer Shaft (.406" hole)		
	80414	I, W, A, T, GY, E
Blank (no hole)		
	40681-I	I, W, A, T, GY, E
CATV Jack		
	6197	I, W
Wallbox Adapter Extends shallow wallbox to fit GFCI/Decora devices		



80400-I



80414-W

### Decora® Plus Standard Size Plastic Adapters

DESCRIPTION	CAT. NO.	COLOR*
	80381	I, W, A, T, GY, E
CATV Jack		
	80314	I, W, A, T, GY, E
Blank (no hole)		



6197-W

#### TESTING AND CODE COMPLIANCE

- Backed by a Limited Two-Year Warranty

#### \*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-GY), Black (-E).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C





**ELEMENTS BY DECORA® DESIGNER DEVICES FOR DECORATIVE FINISHES**

*A perfectly coordinated collection of decorative devices in rich marble and wood finishes that blend seamlessly into high-end contemporary surfaces. This exciting collection showcases quality Decora dimmers, switches, receptacles, SmartLock® GFCIs and snap-on wallplates in patterns that complement current decorating trends. All Elements by Decora devices are easy to install and meet the highest industry standards.*

**Features and Benefits**

- Decora dimmers, switches, receptacles, SmartLock GFCI's and matching snap-on wallplates in marble and wood finishes
- Easy rocker-action switches and dimmers
- Screwless snap-on wallplates provide sleek look, easy installation (Wallplates sold separately)
- UL Listed and CSA Certified



**ELEMENTS BY DECORA FINISHES**



Black Marble



White Marble



Oak



Walnut



**Elements by Decora Switches**  
A choice of single-pole and 3-way switches.  
**D5691-OAK shown**



**Elements by Decora Receptacle**  
Side Wire and Quickwire grounding receptacle.  
**D5325-WAL shown**



**Elements by Decora SmartLock® GFCI**  
Patented lockout action blocks RESET if GFCI protection has been compromised.  
**D8599-BML shown**



**Elements by Decora Dimmer**  
Mural® preset dimmer with LED display.  
**MD106-WML shown**



**Elements by Decora Wallplates**  
A selection of coordinating wallplates in 1-, 2-, 3- and 4-gang configurations.  
**D0301-BML shown**



# ELEMENTS by DECORA® DEVICES

## Residential and Commercial Grade Decora Devices



D5691-WAL



D5325-OAK



D8599-BML



MDI06-WML



D0301-BML

### Elements by Decora Rocker Switches

#### 15 AMP 120/277V AC Back and Side Wired

DESCRIPTION	CAT. NO.	FINISH*
Single-Pole	D5691	BML, WML, OAK, WAL
Three-Way	D5693	BML, WML, OAK, WAL

Note: For complete information on Decora 15A rocker switches, see P. B4.

### Elements by Decora Receptacle

#### 15 AMP 125V Side Wire and Quickwire

DESCRIPTION	CAT. NO.	FINISH*
Duplex	D5325	BML, WML, OAK, WAL

Note: For complete information on Decora AC receptacles, see P. B12

### Elements by Decora SmartLock® GFCI Receptacle

#### Back and Side Wired 15 AMP 125V at Receptacle, 20 AMP Feed-Through

DESCRIPTION	CAT. NO.	FINISH*
Duplex, No Indicator Light, buttons match face color	D8599	BML, WML, OAK, WAL

Note: For complete information on SmartLock GFCI receptacles, see P. B15 and Section H.

### Elements by Decora Mural® Digital Preset Dimmer

#### 600 WATT 120V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	FINISH*
LED Locator and Brightness Display	MDI06	600W Incandescent Only	BML, WML, OAK, WAL

Note: For complete information on Mural and other dimmers, see Section C.

### Elements by Decora Screwless Snap-On Wallplates

DESCRIPTION	CAT. NO.	FINISH*
1-Gang	D0301	BML, WML, OAK, WAL
2-Gang	D0309	BML, WML, OAK, WAL
3-Gang	D0311	BML, WML, OAK, WAL
4-Gang	D0312	BML, WML, OAK, WAL

Note: For complete information on Decora screwless snap-on wallplates, see P. B20.

**NOTE: Wallplates sold separately.**

#### SPECIFICATIONS AND FEATURES

##### Switches

- Low profile, concave rocker
- Back and side-wiring terminals accept both solid and stranded wire to ease installation

##### Receptacles

- Side Wire and Quickwire™ holes accept No. 14 AWG copper wire
- Heavy-gauge zinc-plated steel mounting strap
- Heavy-duty double-wipe brass contacts for long service life

##### SmartLock GFCI Receptacle

- Meets or exceeds UL 2003 Requirements
- Lockout action blocks RESET button if GFCI protection is compromised
- TEST and RESET functions work together so that a tripped GFCI cannot be reset if GFCI circuit no longer provides ground fault protection

##### Mural Dimmer

- Smooth rocker action for ON/OFF and DIM/BRIGHT control
- Locator LED illuminates when lights are OFF
- LED display alongside rocker indicates selected brightness level

##### Wallplates

- Exclusive new design eliminates subplate screws
- "Hook and Snap" subplate and wallplate mounting provides easy-, time-saving installation

#### TESTING AND CODE COMPLIANCE

- All products on page: UL Listed and CSA Certified
- Receptacles backed by a Limited One-Year Warranty
- SmartLock GFCI and Mural Dimmer backed by a Limited Two-Year Warranty
- Switches and Wallplates backed by a Limited Ten-Year Warranty

#### \*FINISH

Finishes available as listed. Add suffix to Catalog Number as follows: Black Marble (-BML), White Marble (-WML), Oak Wood (-OAK), Walnut Wood (-WAL).

# Lighting and Fan Speed Controls

## INDEX

### Architectural Lighting Control Systems

Dimensions™ D3200 .....	C2-C5
Dimensions™ D4200 .....	C6, C7
Power Extenders .....	C8
Dimensions™ a-2000 Modular Dimming Cabinets ...	C9

### Architectural Specification

Overview .....	C10
Monet® Controls .....	C11, C12
Monet® Multi-Gang Wallplates .....	C13
Renoir® Preset Slide Controls .....	C14, C15
Van Gogh® Rotary Dimmers .....	C16

### Ganging and Derating Lighting Controls .....

	C17
--	-----

### Mural Lighting Controls

Overview .....	C18
Mural® L/S Preset Decora Digital Dimmers .....	C19
Mural® Decora Digital Dimmers .....	C20
Mural® Decora Scene Controls .....	C21, C22

### Touch Lighting Controls

Overview .....	C23
TouchPoint™ Decora Preset Dimmer .....	C24
True Touch™ Decora Digital Touch Dimmer .....	C25
ToggleTouch™ Touch Pad Dimmer .....	C26

### Traditional Lighting Controls

Overview .....	C27
IllumaTech™ Decora Preset Slide Controls .....	C28
IllumaTech™ Decora Rotary Controls .....	C29
IllumaTech™ Decora Slide-To-Off Slide Controls .....	C30
SureSlide™ Decora Controls .....	C31
Trimatron™ Deluxe Rotary Controls .....	C32

### Incandescent Lighting Controls

Toggle Dimmers .....	C33
Decora 911 Flasher Switch .....	C33
4-Level Step Dimmer .....	C34
Feed-Through Lamp Cord Dimmers .....	C34
Tabletop Dimmer .....	C34
Full-Range Dimmer Socket .....	C34







# DIMENSIONS™ ARCHITECTURAL LIGHTING CONTROL SYSTEM FEATURES

## Commercial Grade Lighting Controls

WHETHER IT'S ADVANCED ARCHITECTURAL LIGHTING CONTROL SYSTEMS THAT CAN BE CUSTOM-MANUFACTURED FOR ANY SITE-SPECIFIC REQUIREMENT OR INNOVATIVE BOX-MOUNTED CONTROLS FOR INCANDESCENT, LOW-VOLTAGE AND FLUORESCENT LIGHTING, LEVITON HAS THE PRODUCTS YOU CAN DEPEND ON.

Our designer preset systems and distributed programmable computer-controlled systems are ideal for large-scale, multi-use environments. Leviton's innovative line of box-mounted controls includes digital multi-location devices that provide maximum performance in architectural, commercial and residential settings.

### Dimensions Architectural Lighting Control Systems

Each Dimensions® System combines ease of operation with a wide range of entry stations and accessories to provide a powerful and flexible control solution. The bright LCD readout displays functions and scene information in plain English, and guides you step-by-step through setup and operation. They enable the optimal mix of lighting to be selected—to evoke the right mood—without the guesswork.

Triac with generous 1000W zone capacity

LCD with intuitive, menu-driven Wizard interface guides setup and operation

Zone information buttons display zone name and brightness level

Interchangeable covers

#### Features and Benefits

- Astronomical clock for event scheduling
- Programmable scene and zone names, fade rates and much more
- Join/separate functionality (D3208 and D4200)
- Optional setup software and handheld remote control
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Two-Year Warranty

NOTE: The Dimensions product line also includes the highly advanced D8000 system. Consult your Leviton representative for more information.

#### DIMENSIONS D3200 SYSTEM



##### D3200 Multizone Controller/Dimmer

Advanced, multipoint scene control and dimming with 4 to 6 dimming loads and 8 scene buttons. D3208 features join/separate for partitioning and the addition of two auxiliary zones via network power extenders. **D3206-ILS shown**



##### D3200 Infrared Remote Control

Handheld remote control for use with any IR-receiving D3200 controller. **NE210 shown**



##### D3200 Scene Controller

Four-scene Decora® wall controller with Off switch. Ideal for secondary entranceways and residential applications. **NE505 shown**



##### D3200 LCnet SmartJack (with Software)

PC/laptop-to-network jack that enables D3200 Data Manager software. **NE100-00C shown**

#### DIMENSIONS D4200 SYSTEM



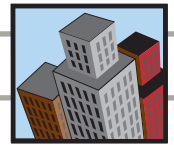
##### D4200 Multizone Controller

32-zone digital lighting controller and entry station used with dimming cabinets, relay cabinets remote receivers, and accessory stations. **D4200-00W shown**



##### D4200 Remote Station

Decora-style wall controllers in 15 versions, each with unique range of D4200 functionality. **D42PB-00W shown**



**Dimensions D3200 Architectural Lighting Control System**

The Dimensions D3200 is a component-based lighting system flexible enough for a wide range of commercial and high-end residential lighting applications. The essential component is the Multizone Controller/Dimmer, a self-contained programmable dimmer and scene controller that will control up to eight zones of lighting. The unit will also function as a control unit for other devices attached to the Leviton Control Network (LCnet). By adding wall mounted scene controllers, a hand-held remote and a SmartJack for PC-based programming, the D3200 offers a comprehensive lighting control solution that can be expanded at any time.

**Dimensions D3200 Multizone Controller/Dimmers**

DESCRIPTION	CAT. NO.	LOAD RATING	COLOR
D3204 Multizone Controller/ Dimmer—Self-contained dimmer with learning IR receiver. Controls up to 4 local zones and a maximum of 248 remote zones. Features 8 scene buttons and 32-scene capability. LCD with wizard menus. Supplies 24VDC @ 150mA power to hardwired control devices.	<b>D3204-1LW</b>	120V AC 60Hz: 1920W/VA total output, 1000W/VA max. per zone, 1200W/VA max. per side. For use with Incandescent, Tungsten, Magnetic Low Voltage Transformer, Advance Mark 10™ <i>Powerline</i> Electronic Fluorescent Dimming Ballast, Neon, Cold Cathode and non-dimming loads. Electronic Low Voltage and 0-10V DC Fluorescent Hi-Lume and Eco-10 controlled with optional power extenders.	W
Dimensions D3206 Multizone Controller/Dimmer—Self-contained dimmer with learning IR receiver. Controls up to 6 local zones and a maximum of 186 remote zones. Features 8 scene buttons and 32-scene capability. LCD with wizard menus. Supplies 24VDC @ 150mA power to hardwired control devices.	<b>D3206-1LW</b>	Same as D3204-1LW	W
Dimensions D3208 Multizone Controller/Dimmer—All features of the D3206 plus: Combine/separate functionality for 8 partitioned spaces in up to 256 configurations. Up to 64 scheduled scene changes. Easy access to 2 auxiliary loads from front panel. Controls 62 additional remote zones (248 max).	<b>D3208-1LW</b>	Same as D3204-1LW	W
D3204 Multizone Controller/Dimmer—same as D3204-1L except rated for 230V loads.	<b>D3204-2LW</b>	230V AC 50–60Hz: 2400W/VA total output, 800W/VA max. per zone. For use with Incandescent, Tungsten, Magnetic Low Voltage Transformer, Advance Mark 10™ <i>Powerline</i> Electronic Fluorescent Dimming Ballast, Neon, Cold Cathode and non-dimming loads.	W
D3206 Multizone Controller/Dimmer—same as D3206-1L except rated for 230V loads.	<b>D3206-2LW</b>	Same as D3204-2LW	W
Dimensions D320x Color Change Kits	<b>D32CK</b>	—	II, WW, AA, GG, EE, SW



**D3208**



**D3206**

**\*COLOR/CONTROLLERS**

Available with White Frame/White Cover (-1LW) or -2LW. For other colors, order Cat. No. D32CK Color Change Kit and add suffix as follows: Ivory Frame/Ivory Cover (-II), White Frame/White Cover (-WW), Almond Frame/Almond Cover (-AA), Gray Frame/Gray Cover (-GG), Black Frame/Black Cover (-EE), White Frame/Smoke Cover (-SW).



# DIMENSIONS™ ARCHITECTURAL LIGHTING CONTROL SYSTEM FEATURES

## Commercial Grade Lighting Controls

### Dimensions D3200 Architectural Lighting Control System

Leviton's D3204, D3206 and D3208 provide advanced, multipoint dimming and scene control for commercial and high-end residential lighting applications within a comprehensive D3200 system or as a standalone dimmer. The units feature menu Wizards for easy programming and lighting control, an IR receiver for use with a handheld remote control, and a comprehensive suite of functionality including event scheduling, partitioning, and networking. Models vary in the number of zones, availability of certain features, and voltage capacities.

#### Dimensions D3200 Architectural Lighting Control System

##### Specifications & Features

###### D3204 and D3206

- 41 internally-driven dimming loads (D3206); 4 for D3204
- Controls up to 186 remote zones via Leviton Control Network (LCnet) bus (D3206); D3204 controls up to 248
- 6 (D3206) and 4 (D3204) Scene buttons and 32-scene capability
- 2-line, 32-character LCD with Wizards for easy setup
- LED Light-level indicators
- Group raise/lower buttons for changing all zone light levels at same time
- Learning IR Receiver
- Powers LCnet controllers and Leviton SmartJack

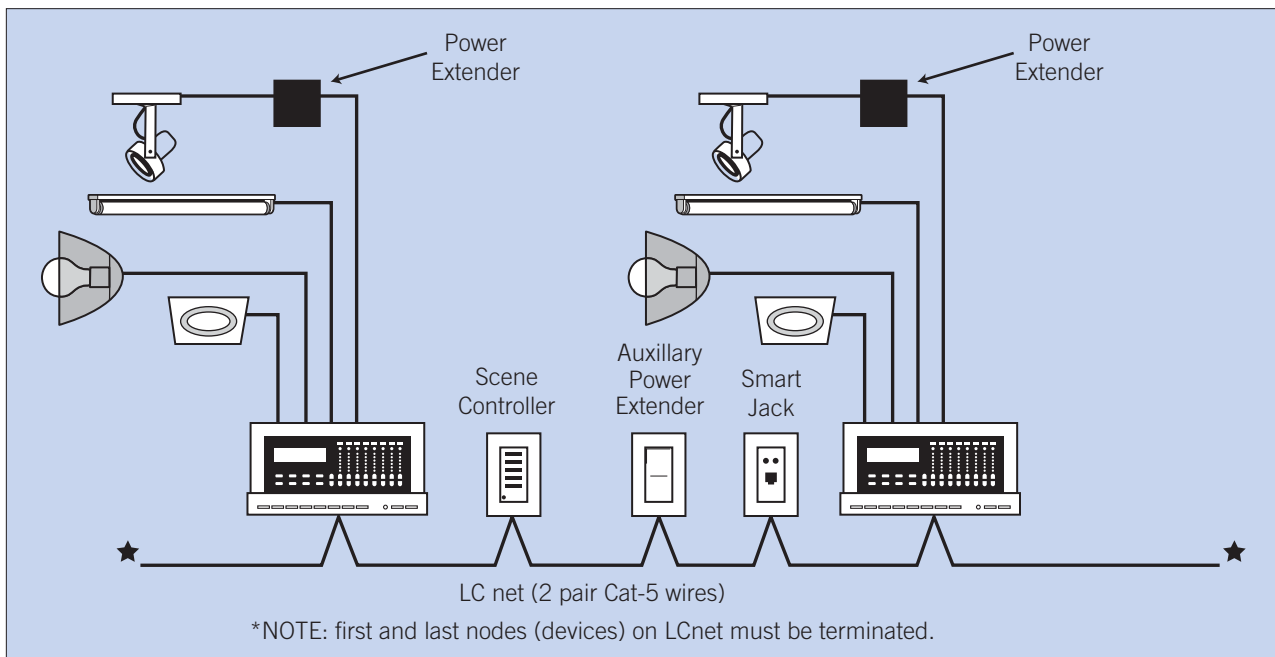
- Mounts in 4-gang box with 4-gang device cover
- UL Listed, CSA Certified
- California Title 24 compliant and meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Two-Year Warranty

###### D3208 Additional Features

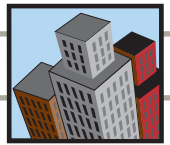
- Up to 64 scheduled scene changes based on time of day or astronomical clock
- Combine/Separate functionality for 8 partitions in up to 256 different configurations
- Controls up to 248 remote zones
- Easy front panel access to 2 auxiliary LCnet dimming zones or switching loads

##### Applications

- Home Theaters
- Great Rooms
- Ballrooms
- Conference Rooms
- Restaurants
- Executive Offices
- Surgical Suites
- Houses of Worship
- Light Commercial Applications



Typical Dimensions D3200 System using a single LCNet bus

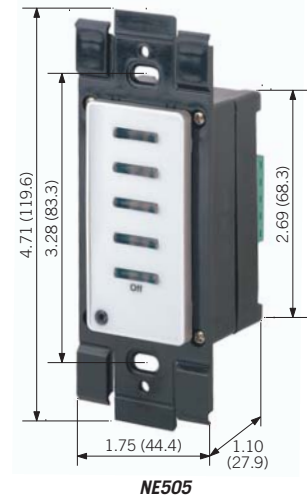


### Dimensions D3200 Architectural Lighting Control System

#### Dimensions D3200 System Components

DESCRIPTION	CAT. NO.	LOAD RATING	COLOR
Scene Controller—Decora-style 5-button wall controller with 4 scene recall buttons plus OFF. Features learning IR receiver.	<b>NE505</b>	Input Voltage: 24VDC Input Current: 24mA	White with Ivory Color option*
NE505 Color Change Kit with Customizable Labels (wallplates sold separately)	<b>DCK05-0C</b>	—	I, W, A, G, E
Decora Partition Controller—with 5 buttons (4 walls and Reset). For use in D3208 system.	<b>NE515</b>	Input Voltage: 24VDC Input Current: 24mA	White with Ivory Color option*
Infrared Remote Control—Handheld remote for use with any IR-receiving D3200 Controller. Provides 8 scene selections, group DIM/BRIGHT, Max and OFF buttons.	<b>NE210</b>	No load rating— for use with any IR-receiving D3200 Controller	Black
Terminator Block—For use with LCnets not terminated with D3200s and with total wire length greater than 10 ft.	<b>NE600</b>	No load rating	White
SmartJack—Decora-style jack enables D3200 Setup Software to be run from PC or laptop. Includes PC cable and Software CD. Essential for any LCnet system where PC interface is desired.†	<b>NE100-00C</b>	No load rating	White with Ivory Color option*
Power Extenders—Extend the power handling capacity of any D3206/D3208 dimming zone or activates auxiliary zones.	See page C8 for complete listing	Models available for incandescent, magnetic-low voltage, electronic low-voltage, Advance Mark 7™ 0–10V or equivalent and 0–10VDC dimmable electronic fluorescent ballasts. See page C8 for ratings.	See page C8

†Software can be downloaded from [www.leviton.com/D3200](http://www.leviton.com/D3200)



#### \*COLOR/COMPONENTS

Cat Nos. NE505, NE515 and NE100 come in White with matching wallplate. Include snap-on Ivory Color Change Kit. (Ivory wallplate sold separately). With DCK05-0C Color Change Kits add to suffix as follows: Ivory (I), White (W), Almond (A), Gray (G), and Black (E).

#### TESTING AND CODE COMPLIANCE

- UL Listed, CSA Certified, FCC Part 15 (where applicable)
- Backed by a Limited Two-Year Warranty



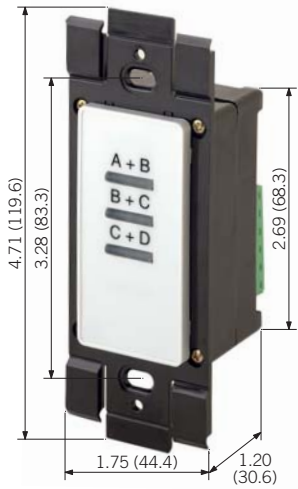


# DIMENSIONS™ ARCHITECTURAL LIGHTING CONTROL SYSTEMS

## Commercial Grade Lighting Controls



**D42P8-00W**



**D42CS-03W**



**D42IR-16L**

### Dimensions D4200 Architectural Lighting Controller

The Dimensions D4200 puts total lighting control at your fingertips. This single panel can create and save lighting scenes, switch lights and scenes instantly or with gradual fades, and provide complete control of up to 32 lighting zones per unit (320 per system).

#### Dimensions D4200 Lighting Controller

DESCRIPTION	CAT. NO.
Eight preset buttons, each with indicator pilot light. Controls virtually any type of lighting. Works with up to 127 devices. Pushbutton recall of 8 scenes with 8 additional scenes accessible from remote entry stations. Fade time can be set for each scene. Astronomical time clock allows sequenced events based on time of day. LCD readout shows zone and scene labels plus intensity settings. Built-in IR receiver for use with optional handheld remotes. Electronic lock prevents unauthorized operation. Available with white frame/white cover or white frame/black translucent cover.	<b>D4200-00W</b>
White D4200 Color Change Kit (White cover and frame)	<b>D42CK-00W</b>
Smoke D4200 Color Change Kit (Smoke cover and White frame)	<b>D42CK-05W</b>

#### Dimensions D4200 Wall-Mounted Remote Stations

One-button Start/Stop Sequencer	<b>D42SQ-00W</b>
One-button Start/Stop Event Timer	<b>D42ET-00W</b>
One-button Join/Separate Link	<b>D42LI-NKW</b>
One-button Lock/Unlock	<b>D42LO-CKW</b>
Two-button: Preset Scene 1 and OFF, built-in IR receiver	<b>D42P1-00W</b>
Two-button: Master Raise and Lower, built-in IR receiver	<b>D42RL-00W</b>
Two-button: Preset Scene Max and OFF, built-in IR receiver	<b>D42M0-00W</b>
Three-button: Preset Scene 1, Max and OFF, built-in IR receiver	<b>D42P1-MOW</b>
Four-button: Max, OFF, Master Raise and Lower, built-in IR receiver	<b>D42M0-RLW</b>
Five-button: Preset Scenes 1-4 and OFF, built-in IR receiver	<b>D42P4-00W</b>
Five-button: Preset Scene 1, Max, OFF, Master Raise and Lower, built-in IR receiver	<b>D42P1-RLW</b>
Eight-button: Preset Scenes 1-4, Max, OFF, Raise and Lower, built-in IR receiver	<b>D42P4-RLW</b>
Eight-button: Preset Scenes 9-16	<b>D42P9-16W</b>
Ten-button: Preset Scenes 1-8, Max and OFF, built-in IR receiver	<b>D42P8-00W</b>
Ten-button: Preset Scenes 9-16, Raise and Lower, built-in receiver	<b>D42P9-RLW</b>

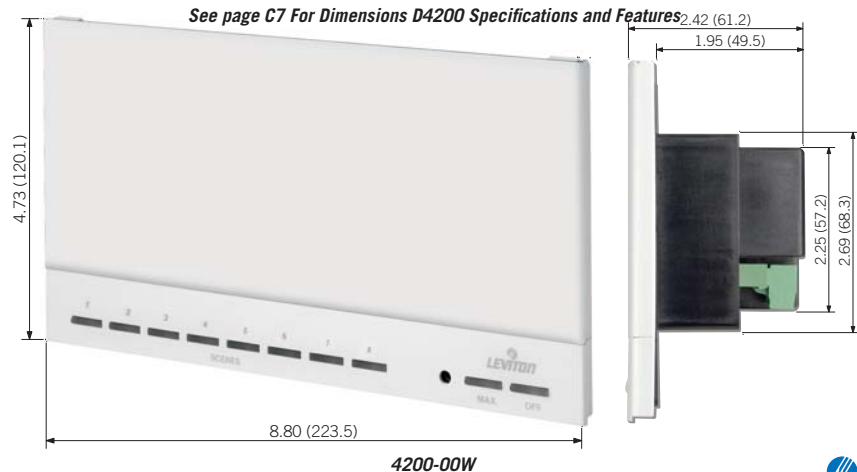
#### Dimensions D4200 Room-Combine Stations

One-button: Combines 2 rooms with 1 partition	<b>D42CS-01W</b>
Three-button: Combines 3 rooms with 3 partitions	<b>D42CS-3AW</b>
Four-button: Combines 4 rooms with 4 partitions	<b>D42CS-04W</b>
Two-button: Combines 3 rooms with 2 partitions	<b>D42CS-02W</b>
Three-button: Combines 4 rooms with 3 partitions	<b>D42CS-03W</b>

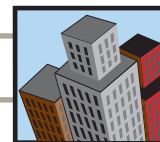
#### Dimensions D4200 IR Handheld Controls†

Four Preset Scenes	<b>D42IR-04L</b>
Eight Preset Scenes	<b>D42IR-08L</b>
Sixteen Preset Scenes	<b>D42IR-16L</b>

†Remote IR Ceiling-Mount Receivers available in single-gang and 2-gang models. Consult your Leviton representative for more information.



**4200-00W**



### Dimensions D4200 Architectural Lighting Control System

#### Specifications & Features

##### D4200 Controller

- Controls virtually any light source when used with Leviton a-2000 Dimming Panels, MDS Dimming Cabinets, i Series e Dimming Racks, and any DMX512 Dimming Rack (in conjunction with an NPC XP or DLR)
- Controls up to 32 zones and maximum of 320 zones via Luma-Net system
- 8 Scene buttons and 16-scene capability
- LED light-level indicators
- 2-line, LCD for time, setup screens, scene labels, zone labels, and zone intensity settings from 0 to 100%
- Individual raise/lower buttons for each zone
- Master raise/lower buttons for changing all zone light levels at same time
- Works with up to 127 devices (Controllers and Remote Stations, Luma-Net Hubs and Combine/Closure Interface)

- Built-in IR Receiver
- Built-in schedule and sequence functions
- Astronomical time clock allows preset or sequence events to be called up according to time of day
- Mounts in 4-gang box with 4-gang device cover

##### D4200 Remote Stations

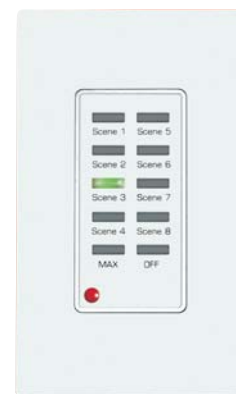
- Available in 15 configurations—most have built-in IR receiver for use with handheld remote control
- Backlighting and tactile clicking indicate scene selection
- Wired via Luma-Net to D4200 Controller
- Mount in single-gang deep switchbox
- Attractive styling accepts Decora wallplates or Decora Plus screwless wallplates

##### D4200 Room-Combine Stations

- Accommodates room partitions by combining and separating lighting controls
- Must be wired via Luma-Net to D4200 Controller
- Minimal programming required
- Comes with snap-on Monet-style wallplate with silk-screened room configuration



D4200

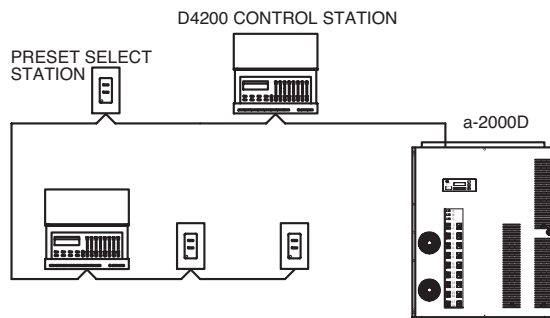


D42P8-00W

#### Applications

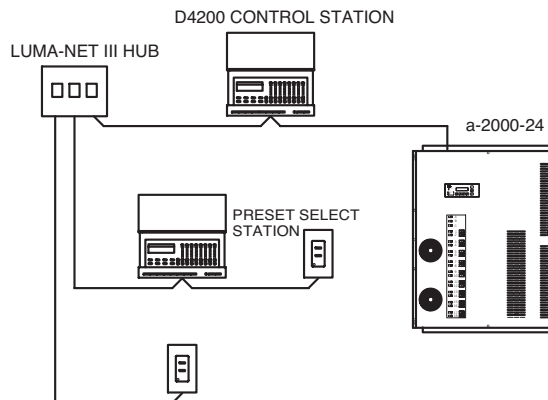
- Ballrooms
- Cafeterias
- Auditoriums
- Lecture Halls
- Conference Rooms
- Hotel Suites
- Restaurants
- Museums
- Houses of Worship

D4200 System Wiring Diagram, Daisy Chain Scheme



Note: a-2000-24 Cabinet can be in the middle of a daisy chain

D4200 System Wiring Diagram, Hub



#### \*COLOR/WALL STATIONS

Wall stations come in white with matching, screwless wallplates.

#### TESTING AND CODE COMPLIANCE

- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Two-Year Warranty

For more information about the devices on this page and Leviton's complete line of Architectural Lighting Control Systems, call 1-503-404-5500.



# POWER EXTENDERS for ARCHITECTURAL LIGHTING CONTROL SYSTEMS

## Commercial Grade Lighting Controls



PE100/200/400/AUX/AU7



PE300-DOW

### Standard Power Extenders

#### Power Extenders—PE100, PE200, PE300, PE400

DESCRIPTION	CAT. NO.	RATING
Extends dimming zone capacity to full 1920W/VA @ 120V for incandescent, magnetic low-voltage, halogen or neon/cold cathode lighting. Aluminum heat sink with snap-on white cover	PE100-10W	Input Voltage: 120V 50/60Hz Load Rating: 1920W/VA Load Output Power: phase independent of control device Dimmer Input: 120V 50/60Hz
Extends dimming zone capacity to full 1920VA @ 120V for Mark 10™ Powerline, Hi-Lume®, or equivalent dimmable fluorescent ballast. Aluminum heat sink with snap-on white cover	PE200-10W	Input Voltage: 120V 50/60Hz Load Rating: 1920VA Load Output Power: phase independent of control device Dimmer Input: 120V 50/60Hz
Extends dimming zone capacity to full 3000VA @ 277V for Mark 10™ Powerline, Hi-Lume®, or equivalent dimmable fluorescent ballast. Aluminum heat sink with snap-on white cover	PE200-70W	Input Voltage: 277V 50/60Hz Load Rating: 3000VA Load Output Power: phase independent of control device Dimmer Input: 120V 50/60Hz
Extends dimming zone capacity to full control of a 20A circuit with 0–10 V DC Mark 7® 0–10V, Lutron 0–10V, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballast. Metallic silver color.	PE300-DOW	Input Voltage: 120V AC to 277V AC, 60Hz Load Rating: 20A–2400VA @ 120V AC, 5500VA @ 277V AC Power Consumption: 6W @ 120V AC, 18W @ 277V AC Output Ballast Control: 0–10V DC Dimmer Input: 120V 60Hz
Extends dimming zone capacity to full control of a 1000W/VA @ 120V AC for electronic low voltage or incandescent lighting. Aluminum heat sink with snap-on white cover	PE400-10W	Input Voltage: 120V AC 50/60Hz Load Rating: 1000W/VA Load Output Power: phase independent of control device Dimmer Input: 120V 60Hz

Mark 10™ and Mark 7™ are trademarks of the Advance Transformer Company.  
Hi-Lume® is a registered trademark of the Lutron Electronic Co., Inc.

### Auxiliary-Zone Network Power Extenders (for D3200 Systems only)

DESCRIPTION	CAT. NO.	RATING
Enables 2 auxiliary zones on a D3200 Controller/Dimmer for full control over incandescent, magnetic low-voltage, or neon/cold cathode lighting. Aluminum heat sink with snap-on white cover	PEAUX-12W	Input Voltage: 120V AC 50/60Hz Load Rating: 1920W/VA total, or 1000W/VA max. per zone Load Output Power: phase independent of control device Dimmer Input: D3200
Enables 1 auxiliary zone on a D3200 Controller/Dimmer for full control over incandescent, magnetic low-voltage, or neon/cold cathode lighting Aluminum heat sink with snap-on white cover	PEAUX-AUW	Input Voltage: 230V AC 50/60Hz Load Rating: 2400 W/VA total Load Output Power: phase independent of control device Dimmer Input: D3200
Enables 1 auxiliary zone on a D3200 Controller/Dimmer for full control over Mark 7™ 0-10V, OSRAM Sylvania Quicktronic Helios, Lutron 0-10V, or equivalent ballasts. Aluminum heat sink with snap-on white cover	PEAU7-M1W	Input Voltage: 120-230V 50-60Hz Output Ballast Control: 0-10V DC Load Rating: 20A-120V & 10A-230V Load Output Power: phase independent of control device Dimmer Input: D3200

#### SPECIFICATIONS AND FEATURES

##### Standard Power Extenders

- Emulates characteristics of dimmer it is connected to in terms of dimming range and resolution
- Low-end trim available for setting minimum brightness level (PE100, PE200, PE300)
- PE100, PE200 and PE400 can be surface or flush mounted using 1900 Box and 2-gang raised cover
- PE300 mounts in 4" square box

#### APPLICATIONS

##### Standard Power Extenders

- Works with any D3200 Multizone Controller/Dimmer to extend load capacity of any zone
- Extends load capacity of box-mounted dimmers (see compatibility chart)
- Works with all families of Leviton Architectural Systems

##### Network Power Extenders

- Enables a D3200 Multizone Controller/Dimmer to accommodate extra loads
- Works with any D3200 Multizone Controller/Dimmer to extend load capacity of any zone

#### TESTING AND CODE COMPLIANCE

- UL Listed (except PEAUX-AUW), CSA Certified and NOM Certified
- Backed by a Limited Two-Year Warranty

### Power Extender Compatibility

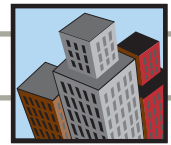
Standard Power Extenders work with any Dimensions Multizone Controller/Dimmer and all Architectural Systems. Refer to the chart below for compatibility with Leviton Box-Mounted Dimmers.

POWER EXTENDER	BOX-MOUNTING DIMMER COMPATIBILITY
PE100-10W	Must use 120V 600W Incandescent version of Acenti, IllumaTech, Mural, True Touch, TouchPoint, ToggleTouch, Sure Slide and Home Controls. (or 600VA version of Acenti). For Monet, use 120V 600VA Magnetic Low-Voltage version (requires Neutral wire). For dimmers that include a Neutral wire, the dimmer Neutral wire must be connected.
PE200-10W PE200-70W	Must use 120V 600VA Mark 10 version Acenti, of Monet, IllumaTech, Mural and TouchPoint. For dimmers that include a Neutral wire, the dimmer Neutral wire must be connected. For Hi-Lume ballasts, use incandescent dimmers. PE200-70W is compatible with all 600VA-220V box-mounted dimmers.
PE300-DOW	Must use 120V 600W Incandescent version of Acenti, IllumaTech, Mural, True Touch, TouchPoint, ToggleTouch, Sure Slide and Home Controls. For Monet, use 120V 600VA Magnetic Low-Voltage version (requires Neutral wire). For dimmers that include a Neutral wire, the dimmer Neutral wire must be connected.
PE400-DOW	Must use 120V 600W Incandescent version of Acenti, IllumaTech, Mural, True Touch, TouchPoint, Trimatron and Sure Slide Home Controls. For Monet, use 120V 600VA Magnetic Low-Voltage version (requires Neutral wire). For dimmers that include a Neutral wire, the dimmer Neutral wire must be connected.



# ARCHITECTURAL DIMMING CABINETS

## Commercial Grade Lighting Controls

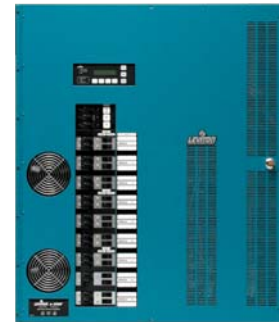


### a-2000 Architectural Grade Modular Dimming Cabinets

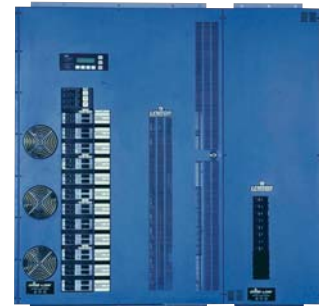
This expanded line of a-2000 Dimming Cabinets is available in numerous configurations for use in architectural applications. These modular cabinets deliver robust precision performance typically found only in high-end theatrical dimming systems. This user-friendly line of modular cabinets can be equipped with a wide variety of 15A or 20A 120V, or 277V dimming modules. Relay cabinets are also available, as are bussing and flush kits. All a-2000 cabinets integrate seamlessly with any of Leviton's Lighting Controls.

#### a-2000 Dimming Cabinets

DESCRIPTION	CAT. NO.	RATING
12-Channel 120V Architectural-Grade Single-Phase Modular Dimming Cabinet—also available optional analog card, and in 3-phase versions with without analog card	A2D1L-2A0	2400W per channel. with Individual dimmers rated 15A or 20A. For incandescent, magnetic low voltage, or tungsten, halogen, and cold cathode. Compatible fluorescent dimming ballasts: 0-10VDC Advance Mark 7™, OSRAM Sylvania Quicktronic® Helios™ and Triad® Ballastar®; 2-wire types such as Advance Mark 10™; and 3 wire Lutron Hi-Lume® and Eco-10
24-Channel 120V Architectural-Grade Single-Phase Modular Dimming Cabinet (with main lugs only)—also available in 3-phase models, and with optional analog card, with main breaker setup, or with both options	A2D1L-4A0	Same as A2D1L-2A0 (above)
18-Channel 277V Architectural-Grade 3-Phase Modular Dimming Cabinet (with 15A breakers)—also available with 20A breakers and with or without analog card	A2D3L-857	Same as A2D1L-2A0 (top)
Relay Cabinet—Holds up to 12 relays for straight rated control of fluorescent and non-fluorescent loads. Bolts directly to a-2000 cabinet to make a single easy-to-mount cabinet.	Consult your Leviton representative	Up to 12 relays. relay Individual relays for 20A 120V, 277V and 347V applications.



a-2000-24



a-2000-24 with Relay Cabinet

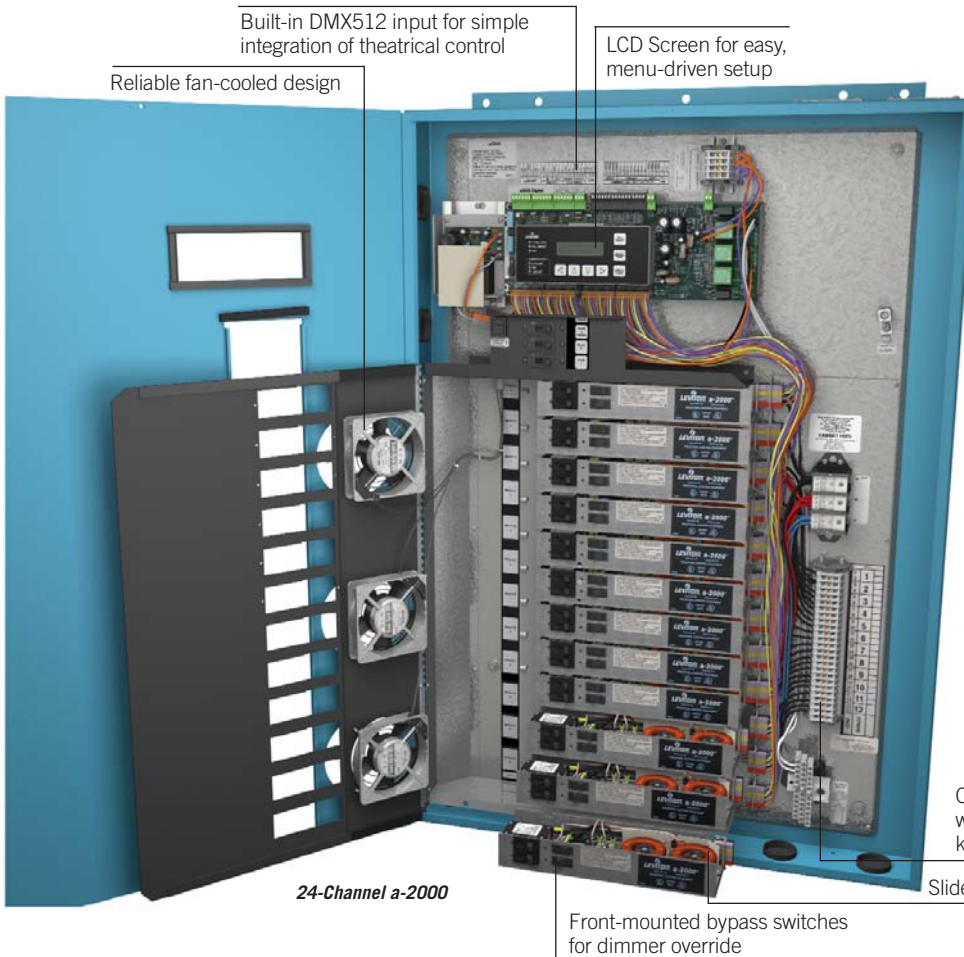
#### SPECIFICATIONS AND FEATURES

- 4" Depth allows surface or recess mounting
- Compact 30<sup>1</sup>/<sub>8</sub> inch cabinet width fits between two stud widths
- Relay Cabinet (14.25" width) bolts directly to Dimmer Cabinet to form single compact unit
- Contractor-friendly design with ample wiring space
- Stackable to provide 36 or 48 dimmer channels
- Top, bottom or side feed
- Plug-in dual dimmer modules for rapid field replacement
- Bypass switch for each dimmer allows full-ON operation
- Theatrical-grade dual SCR dimming circuits outperform standard triac-based dimmers
- Operates at 97% efficiency
- Toroidal filter with 350 usec rise time
- UL and cUL Listed
- Backed by a Limited Two-Year Warranty

#### APPLICATIONS

- Ballrooms
- Cafeterias
- Auditoriums
- Lecture Halls
- Conference Rooms
- Houses of Worship

*For more information about the devices on this page and Leviton's complete line of Architectural Lighting Control Systems, call 1-503-404-5500.*



24-Channel a-2000

Contractor friendly wireways with generous knuckle room

Slide-in dimmer modules for tool-free service

Front-mounted bypass switches for dimmer override



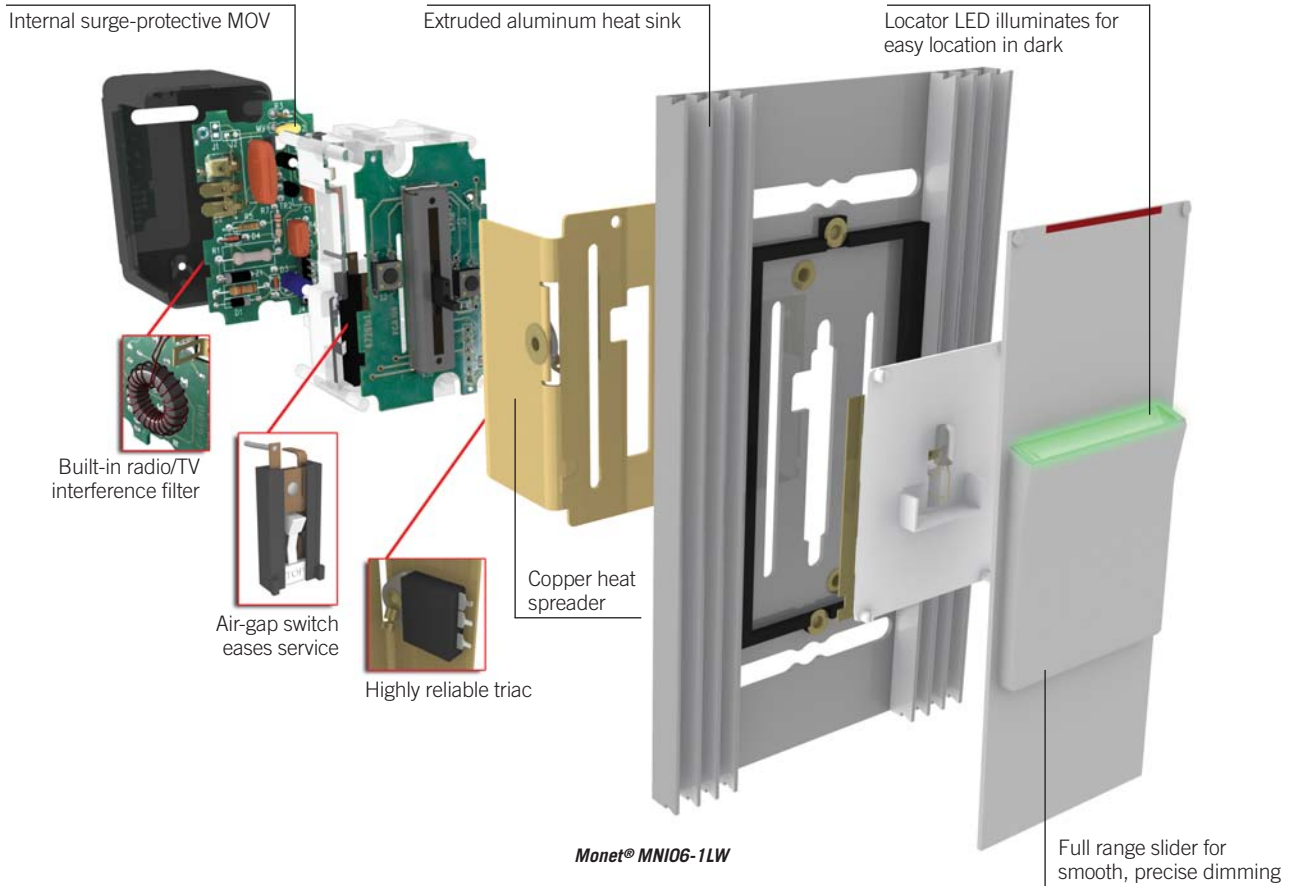


# ARCHITECTURAL SPECIFICATIONS LIGHTING CONTROLS FEATURES

## Commercial Grade Lighting Controls

### Architectural Specification Lighting Controls

Inspired by the great painters, Leviton's Monet®, Renoir® and Van Gogh® dimmers and fan speed controls accent today's most beautiful interiors. Leviton's premiere line of architectural lighting controls can accommodate high wattage loads and mate with screwless narrow- and wide-fin wallplates—for the ultimate flexibility in design.



#### Features and Benefits

- Full-range dimming for both single-pole and multi-location control
- Accommodates high-power loads
- Low profile, designer styling; mates with narrow- and wide-fin screwless wallplates
- Wide range of colors available through convenient color change kits
- UL and CSA Listed
- Backed by a Limited Five-Year Warranty

### ARCHITECTURAL SPECIFICATION DIMMING AND FAN SPEED CONTROLS



**Monet® Slide Dimmer**  
 Low-profile architectural controls with advanced features. With narrow or wide fin. Matte finish. Custom-engraved wallplates available.  
**MNI06-1LW shown**



**Renoir® Slide Dimmer**  
 Rugged, full-range preset slide dimmer for high-power loads. With narrow or wide fin  
**81000-W shown**



**Van Gogh® Rotary Dimmer**  
 Architectural yet classic full-range rotary dimmer for high-power incandescent loads. Rugged design.  
**60800-W shown**



**Monet Architectural Specification Grade Preset Controls**  
**120V and 277V AC 60Hz**

Low-profile Architectural Decora Digital Preset Slide Dimmers with LED locator light. Most Monet dimmers provide single-pole (1 location) and 3-way (multi-location) control with Switching Remote.

**Incandescent 120V AC**

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT
Monet Dimmer (narrow fin)	MNIO6-1LW	600W	I, W, A, G, E, B
Monet Dimmer (narrow fin)	MNI10-1LW	1000W	I, W, A, G, E, B
Monet Dimmer (wide fin)	MNI15-1LW	1500W	I, W, A, G, E, B
Monet Incandescent Dimmer, Single-Pole, Unlighted (narrow fin)	MNIO6-10W	600W	I, W, A, G, E
Monet Incandescent Dimmer, Single-Pole, Unlighted (narrow fin)	MNI10-10W	1000W	I, W, A, G, E

**Low-Voltage 120V AC**

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT
Monet Dimmer (narrow fin) Electronic	MNEO4-1LW	400VA (320W)	I, W, A, G, E, B
Monet Dimmer (narrow fin) Magnetic	MNMO6-1LW	600VA (450W)	I, W, A, G, E, B
Monet Dimmer (narrow fin) Magnetic	MNM10-1LW	1000VA (800W)	I, W, A, G, E, B
Monet Dimmer (wide fin) Magnetic	MNM15-1LW	1500VA (1200W)	I, W, A, G, E, B

**Mark 10™ Fluorescent Ballast 120 and 277V AC**

For Advance Mark 10™ Powerline fluorescent dimming ballasts.

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT
Monet Mark 10 Fluorescent Dimmer (narrow fin)	MXN10-1LW	1000VA 120V AC	I, W, A, G, E, B
Monet Mark 10 Fluorescent Dimmer (wide fin)	MXN15-1LW	1500VA 120V AC	I, W, A, G, E, B
Monet Mark 10 277V Fluorescent Dimmer (narrow fin)	MXN20-7LW	2000VA 277V AC	I, W, A, G, E, B
Monet Mark 10 277V Fluorescent Dimmer (wide fin)	MXN30-7LW	3000VA 277V AC	I, W, A, G, E, B

**Fan Speed Controls 120V AC**

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT
Monet Fan Speed Control (narrow fin)	MNF07-1LW	7.5A 120V AC	I, W, A, G, E, B
Monet Fan Speed Control (wide fin)	MNF10-1LW	10A 120V AC	I, W, A, G, E, B

**Monet Accessory Products**

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT
Monet Remote Non-Dimming Switching Unit for 3-Way Applications (Unlighted)	MNOOR-DOW	No load rating, use with 120V & 277V Monet dimmers only	I, W, G, E, A
Color Change Kits for MNOOR-DOW Monet 3-Way Switching Unit	MNKOR-00	—	I, W, G, E, A
Color Change Kit for Narrow Fin Monet Lighted Controls	MNKIT-SL	—	I, W, A, G, E, B
Color Change Kit for Wide Fin Monet Lighted Controls	MNKIT-1L	—	I, W, A, G, E, B
Color Change Kit for Monet Unlighted Dimmers	MNKIT-SO	—	I, W, A, G, E
Monet Adapter Plate: Allows any Decora strap-mount device to be ganged with either small or large-size Monet controls. In multi-gang installations, must use on ends	MNOLA-000 (large) MNOSA-000 (small)	—	Metal Heat Sink

Note: Mark 10™ is a trademark of the Advance Transformer Company.

NOTE: Multi-gang wallplates are available for combining narrow and wide dimmers, with or without fins removed. Refer to page C13.

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.

Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.

See page C12 for Monet Specifications and Features



MNIO6-1LW



MNI15-1LW



MNOOR-DOW

**Monet Architectural Fin Width**  
 Narrow: 2.75" (69.9 mm)  
 Wide: 4.25" (108.0 mm)

CAUTION ON RETROFITS: When retrofitting Mark 10™ Powerline dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark 10™ dimmer.



## Commercial Grade Lighting Controls

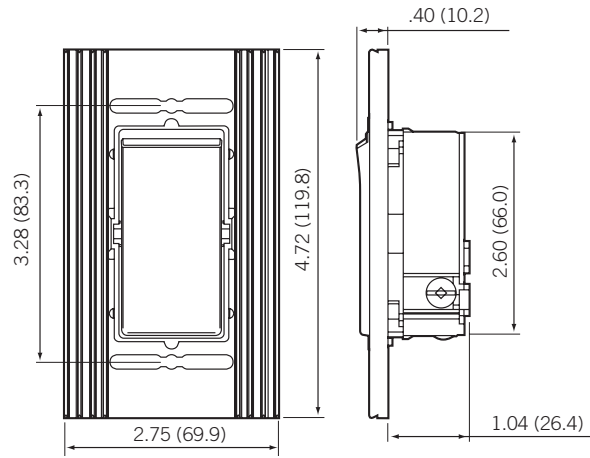


MNS20-1LW

### Monet Architectural Specification Grade Controls

#### Monet Switches

DESCRIPTION	CAT. NO.	RATING	COLOR*
Monet Single-Pole Rocker Switch with Screw Terminals, Lighted (narrow fin)	<b>MNS20-1L</b>	20A 120V AC	I, W, A, G, E
Monet 3-Way Rocker Switch with Screw Terminals, Unlighted (narrow fin)	<b>MNS20-D3</b>	20A 120/277V AC	I, W, A, G, E
Monet 4-Way Rocker Switch with Screw Terminals, Unlighted (narrow fin)	<b>MNS20-D4</b>	20A 120/277V AC	I, W, A, G, E



MNS20 shown

#### SPECIFICATIONS AND FEATURES

- Premier Architectural Specification Grade dimmer combines high load capability, esthetic appearance, digital circuitry and Scene Lighting capabilities
- Provides single-pole and 3-way switching with Monet Non-Dimming Remote Unit
- Low-profile architectural fins, even on wide-fin models, for a flush fit appearance
- Smooth slide-dimming operation. Push slider for ON/OFF preset
- Digital circuit provides Soft-ON/Fade-OFF for eye-pleasing effect and prolonged bulb life
- Specially designed to minimize shadows with non-reflective, easy-to-clean matte finish. Ideal for museums, art galleries, showrooms
- Soft, green locator LED discretely positioned on slider
- Square Law Dimming ensures linear slide control across entire dim and bright output range
- Hidden air-gap switch; slider moves into hidden key-way to access air-gap switch for servicing needs. When air gap switch is open, red line appears at top
- Small and large size adapter plates fit all Leviton Decora straps to make them compatible with Monet wallplates

- Screwless, designer Monet wallplates with matte finish included. Multi-gang wallplates also available for combining narrow and wide dimmers, with or without fins removed (see page C13)
- Customized wallplate engravings available—See your Leviton representative for more information
- Built-in radio/TV interference filter
- Protected memory during temporary power failures
- Internal MOV for surge protection

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), Brown (-B) and Almond (-A). Monet Rocker Switches listed above do not use Color Change Kits—Add suffix to basic Cat. No. for color selection.

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

# MONET® WALLPLATE SPECIFICATIONS

## Commercial Grade Lighting Controls



### Monet Multi-Gang Wallplates

**TABLE 1 — FOR INSTALLATIONS WITH NO FINS BROKEN OFF**

Wallplate Cat. No.	Number of Narrow Fin/Wide Fin Controls	Wallbox Requirements
MNW10-00	1 Narrow	1-Gang
MNW20-00	2 Narrow	3-Gang
MNW30-00	3 Narrow	5-Gang
MNW40-00	4 Narrow	6-Gang
MNW50-00	5 Narrow	9-Gang
MNW60-00	6 Narrow	10-Gang
MNW01-00	1 Wide	1-Gang
MNW02-00	2 Wide	4-Gang
MNW03-00	3 Wide	7-Gang
MNW04-00	4 Wide	9-Gang
MNW11-00	1 Narrow/1 Wide	4-Gang
MNW21-00	2 Narrow/1 Wide	5-Gang
MNW31-00	3 Narrow/1 Wide	7-Gang
MNW41-00	4 Narrow/1 Wide	8-Gang
MNW51-00	5 Narrow/1 Wide	10-Gang
MNW12-00	1 Narrow/2 Wide	6-Gang
MNW22-00	2 Narrow/2 Wide	8-Gang
MNW32-00	3 Narrow/2 Wide	9-Gang
MNW13-00	1 Narrow/3 Wide	9-Gang
MNW23-00	2 Narrow/3 Wide	10-Gang

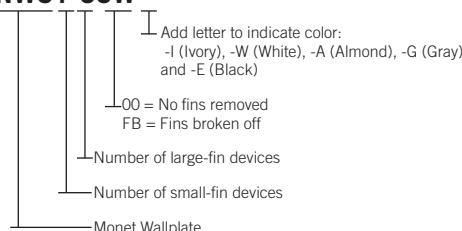
**TABLE 2 — FOR INSTALLATIONS WITH FINS BROKEN OFF**

Wallplate Cat. No.	Number of Narrow Fin/Wide Fin Controls	Wallbox Requirements
MNW20-FB	2 Narrow	2-Gang
MNW30-FB	3 Narrow	3-Gang
MNW40-FB	4 Narrow	4-Gang
MNW50-FB	5 Narrow	5-Gang
MNW60-FB	6 Narrow	6-Gang
MNW70-FB	7 Narrow	7-Gang
MNW80-FB	8 Narrow	8-Gang
MNW90-FB	9 Narrow	9-Gang
MNW02-FB	2 Wide	3-Gang
MNW03-FB	3 Wide	5-Gang
MNW04-FB	4 Wide	7-Gang
MNW05-FB	5 Wide	9-Gang
MNW11-FB	1 Narrow/1 Wide	3-Gang
MNW21-FB	2 Narrow/1 Wide	4-Gang
MNW31-FB	3 Narrow/1 Wide	5-Gang
MNW41-FB	4 Narrow/1 Wide	6-Gang
MNW51-FB	5 Narrow/1 Wide	7-Gang
MNW61-FB	6 Narrow/1 Wide	8-Gang
MNW71-FB	7 Narrow/1 Wide	9-Gang
MNW81-FB	8 Narrow/1 Wide	10-Gang
MNW12-FB	1 Narrow/2 Wide	5-Gang
MNW22-FB	2 Narrow/2 Wide	6-Gang
MNW32-FB	3 Narrow/2 Wide	7-Gang
MNW42-FB	4 Narrow/2 Wide	8-Gang
MNW52-FB	5 Narrow/2 Wide	9-Gang
MNW62-FB	6 Narrow/2 Wide	10-Gang
MNW13-FB	1 Narrow/3 Wide	7-Gang
MNW23-FB	2 Narrow/3 Wide	8-Gang
MNW33-FB	3 Narrow/3 Wide	9-Gang
MNW43-FB	4 Narrow/3 Wide	10-Gang
MNW14-FB	1 Narrow/4 Wide	9-Gang
MNW24-FB	2 Narrow/4 Wide	10-Gang

Monet multi-gang wallplates are available for every permissible combination of small fin and large fin dimmers. Tables 1 and 2 can be used to determine if a specific combination of devices is possible. When small and large fin devices are combined, all the large fin devices must be placed to one side and all the small fin devices must be placed to the other side. In an installation where all the fins are broken off, do not remove the fins from the dimmers at each of the extreme ends of the installation.

#### MONET MULTI-GANG WALLPLATE CATALOG NUMBER SYSTEM

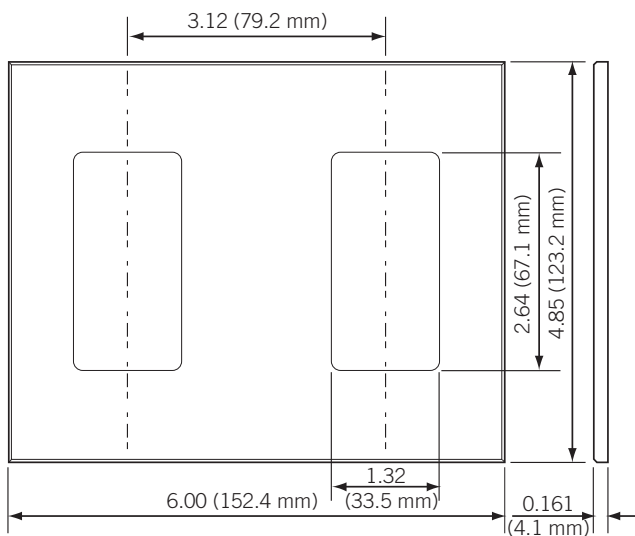
Example: **MNW31-00W**



#### Maximum Load per Monet Dimmer Multi-Gang with Fins Broken Off

Cat. No.	Single	2-Gang	More Than 2-Gang
MNE04	400VA (320W)	300VA (240W)	250VA (200W)
MNF07	7.5A	6A	5.3A
MNF10	10A	8A	7A
MNI06	600W	500W	400W
MNI10	1000W	800W	700W
MNI15	1500W	1250W	1000W
MNMO6	600VA (450W)	500VA (375W)	400VA (300W)
MNM10	1000VA (800W)	800VA (640W)	700VA (560W)
MNM15	1500VA (1200W)	1250VA (1000W)	1000VA (800W)
MNX10	1000VA (980W)	800VA (784W)	700VA (686W)
MNX15	1500VA (1470W)	1250VA (1225W)	1000VA (980W)
MNX20-7	2000VA (1960W)	1600VA (1568W)	1400VA (1372W)
MNX30-7	3000VA (2940W)	2500VA (2450W)	2000VA (1960W)

**Note:** For more information on Fin Removal, refer to the instruction sheet provided with each Monet device.

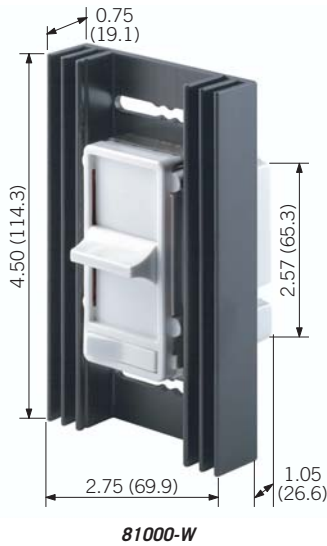


**MNW20-00**





**Commercial Grade Lighting Controls**



**Renoir Architectural Fin Width**  
Narrow: 2.75" (69.9 mm)  
Wide: 4.50" (108.0 mm)

**CAUTION ON RETROFITS:** When retrofitting Mark 10™ Powerline dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark 10™ dimmer.

**Renoir Architectural Specification Preset Slide Dimmers**

**Renoir Incandescent 120V AC 60Hz Only**

DESCRIPTION	CAT. NO.	RATING	COLOR*
Renoir Single-Pole (narrow fin)	<b>80800</b>	800W	I, W, GY, B
Renoir 3-Way (narrow fin)	<b>80800-3</b>	800W	I, W, GY, B
Renoir Single-Pole (narrow fin)	<b>81000</b>	1000W	I, W, A, GY, B
Renoir Single-Pole, Illuminated (narrow fin)	<b>81000-L</b>	1000W	I, W
Renoir 3-Way (narrow fin)	<b>81000-3</b>	1000W	I, W, A, GY, B
Renoir 3-Way, Illuminated (narrow fin)	<b>81000-L3</b>	1000W	I, W
Renoir Single-Pole (wide fin)	<b>81500</b>	1500W	I, W, A, GY, B
Renoir 3-Way (wide fin)	<b>81500-3</b>	1500W	I, W, A, GY, B
Renoir Single-Pole (wide fin)	<b>82000</b>	2000W	I, W, A, GY, B
Renoir Single-Pole, Illuminated (wide fin)	<b>82000-L</b>	2000W	I, W
Renoir 3-Way (wide fin)	<b>82000-3</b>	2000W	I, W, A, GY
Renoir 3-Way, Illuminated (wide fin)	<b>82000-L3</b>	2000W	I, W

**Renoir Magnetic Low-Voltage 120V AC 60Hz Only**

DESCRIPTION	CAT. NO.	RATING	COLOR*
Renoir Single Pole (narrow fin)	<b>71111</b>	1000VA (800W)	I, W, GY, B
Renoir 3-Way (narrow fin)	<b>71113</b>	1000VA (800W)	I, W, B
Renoir Single Pole (wide fin)	<b>71511</b>	1500VA (1200W)	I, W
Renoir 3-Way (wide fin)	<b>71513</b>	1500VA (1200W)	I

**Renoir Fluorescent Dimming Ballasts 120V and 277V AC 60Hz Only**

DESCRIPTION	CAT. NO.	RATING	COLOR*
Renoir Fluorescent Dimmer, Single-Pole and 3-Way (wide-fin)	<b>26666-31</b>	1200VA (900W) 120V AC Advance Mark 10™ Powerline fluorescent dimming ballast	White
Renoir Fluorescent Dimmer, Single-Pole and 3-Way (wide-fin)	<b>26666-37</b>	1200VA (900W) 277V AC Advance Mark 10™ Powerline fluorescent dimming ballast	White

*Note: For complete information on installation, ganging and derating of High Wattage Dimmers, consult Leviton's Lighting Controls Product Selection Guide or the Dimmer Instruction Sheet provided with the device.*

**When ganging these units, no derating is necessary except on those units which have had both sets of snap-off, fins removed. These shall be derated as follows:**

Maximum Load per Renoir Dimmer Multi-Gang with Fins Broken Off			
Cat. No.	Single	2-Gang	More Than 2-Gang
26666-31	1200VA	1100VA	1050VA
26666-37	1200VA	1200VA	1200VA
71111/3	1000VA (800W)	800VA (800W)	700VA (640W)
71511/3	1500VA (1200W)	1300VA (1200W)	1100VA (1040W)
80800	800W	700W	600W
81000	1000W	800W	700W
81500	1500W	1300W	1000W
82000	2000W	1800W	1500W

**NOTE: For fin removal and switchbox requirements for ganging Leviton Renoir dimmers, refer to page C17.**

**Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.**

**SPECIFICATIONS AND FEATURES**

- ON/OFF rocker switch turns lights ON at last selected brightness level
- Smooth-action, linear slide control for easy, precise operation
- Available in single-pole (one location) and 3-way (multi-location) versions. 3-way dimmer is used with standard 3-way ON/OFF switch
- Decora-styling coordinates with Leviton's extensive line of Decora devices
- Decora-style screwless snap-on wallplates present an attractive appearance in any application
- Slim, compact housing easily fits in standard wall boxes
- Fins are easily removed for multi-gang applications
- Large radio/TV interference filter
- Illuminated versions available

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

**\*COLOR**

Add suffix to catalog numbers as follows for color selection: Ivory (-I) White (-W), Almond (A), Gray (-GY), Brown (-B)

**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F



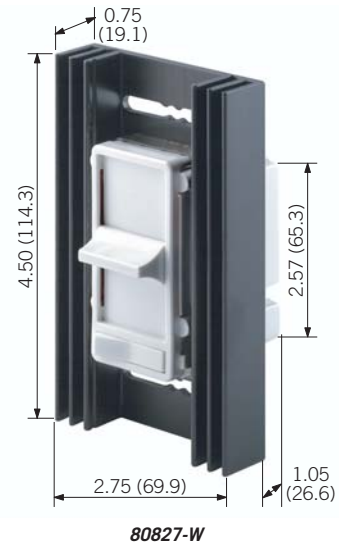
**Renoir Architectural Specification Preset Slide Fan Speed Controls**

Renoir Fan Speed Controls 120V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Renoir Single-Pole (narrow-fin)	<b>80827</b>	7.5 Amps	I, W
Renoir Single-Pole (wide-fin)	<b>81127</b>	10 Amps	I, W
Renoir Single-Pole (wide-fin)	<b>81527</b>	15 Amps	I, W

**NOTE:** For fin removal and switchbox requirements for ganging Leviton Renoir fan speed controls, refer to page C17.

**Note:** Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.



**Renoir Architectural Fin Width**  
 Narrow: 2.88" (73.2 mm)  
 Wide: 4.69" (119.1 mm)

Architectural Specification Lighting Controls

**SPECIFICATIONS AND FEATURES**

- Smooth-action, linear slide control for easy, precise operation
- Manual low-end trim adjustment feature on fan speed controls allows precise adjustment of low-end fan settings when installing device
- Decora-styling coordinates with Leviton's extensive line of Decora devices
- Decora-style screwless snap-on wallplate present an attractive appearance in any application
- Slim, compact housing easily fits in standard wall boxes
- Fins are easily removed for multi-gang applications

**TESTING AND CODE COMPLIANCE**

- UL Listed (File # E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

**\*COLOR**

Add suffix to catalog numbers as follows for color selection: Ivory (-I) White (-W).

**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
 Operating Temperature: 32°F to 130°F



**Commercial Grade Lighting Controls**

**Van Gogh Architectural Specification Rotary Dimmers**

**Van Gogh Incandescent 120V AC 60Hz Only**  

DESCRIPTION	CAT. NO.	RATING	COLOR*
Van Gogh Single-Pole Rotary (narrow fin)	<b>60800</b>	800W	I, W
Van Gogh 3-Way Push ON/Push OFF (narrow fin)	<b>60800-3</b>	800W	I, W
Van Gogh Single-Pole Rotary (narrow fin)	<b>61000</b>	1000W	I, W
Van Gogh 3-Way Push ON/Push OFF (narrow fin)	<b>61000-3</b>	1000W	I, W
Van Gogh Single-Pole Rotary (wide fin)	<b>61500</b>	1500W	I, W
Van Gogh Single-Pole Rotary (wide fin)	<b>62000</b>	2000W	I, W

*Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.*

**When ganging these units, no derating is necessary except on those units which have had both sets of snap-off, fins removed. These shall be derated as follows:**

Maximum Load per Van Gogh Dimmer Multi-Gang with Fins Broken Off			
Cat. No.	Single	2-Gang	More Than 2-Gang
60800	800W	700W	600W
61000	1000W	800W	700W
61500	1500W	1300W	1100W
62000	2000W	1800W	1500W

**NOTE: For fin removal and switchbox requirements for ganging Leviton Van Gogh dimmers, refer to page C17.**

**Color Change Kits for 60800, 61000 Dimmer Units**

DESCRIPTION	CAT. NO.
Brown Cover and Matching Knob w/Gold Insert	<b>60001</b>
Ivory Cover and Matching Knob w/Gold Insert	<b>60001-I</b>
White Cover and Matching Knob w/ Silver Insert	<b>60001-W</b>

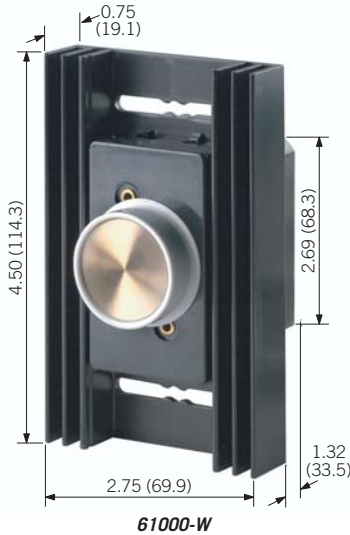
**Color Change Kits for 61500, 62000 Dimmer Units**

DESCRIPTION	CAT. NO.
Brown Cover and Matching Knob w/Gold Insert	<b>60002</b>
Ivory Cover and Matching Knob w/Gold Insert	<b>60002-I</b>
White Cover and Matching Knob w/ Silver Insert	<b>60002-W</b>

**Van Gogh™ Architectural Rotary Fan Speed Control 120V AC 60Hz Only**

DESCRIPTION	CAT. NO.	RATING	COLOR*
Van Gogh Single-Pole (wide fin)	61027	10 Amps	I, W

*Note: When more than one ceiling fan is controlled, make sure the blades are rotating on all fans.*



**61000-W**



**62000-W**

**Van Gogh Architectural Fin Width**  
Narrow: 2.75" (69.9 mm)  
Wide: 4.56" (115.8 mm)

**SPECIFICATIONS AND FEATURES**

- Classic rotary architectural-style dimmer is a popular choice in many installations
- Available in Rotary ON/OFF (single pole only) and Push-ON/Push-OFF (3-way).
- 3-way version is used with a standard 3-way ON/OFF switch
- Snap-on cover conceals heat fins
- Color-matched dimmer control knob with gold insert for an attractive appearance in any installation
- Snap-off fins permit easy ganging with other devices
- Slim, compact housing easily fits in standard wall box
- Large radio/TV interference filter

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-31373, 62000 File #E-66800)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

**\*COLOR**

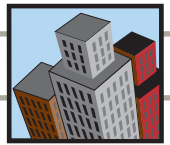
Add suffix to catalog number as follows for colors: Ivory cover with Gold insert (-I), White cover with Silver insert (-W).

**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

# GANGING AND DERATING LIGHTING CONTROLS

## Commercial Grade Lighting Controls



### Ganging and Derating Box-Mounted Lighting Controls

Ganging is an installation practice where two or more lighting controls are mounted side-by-side using the required number of connected wallboxes. Ganging may require the removal of part of the fins on Architectural Dimmers or part of the mounting strap on strap-mounted devices. In Architectural Dimmers, the metallic fins help dissipate heat from within the device. Strap mounted dimmers use the mounting strap for the same purpose. Therefore, removing a portion of the fins or strap for ganging purposes will require derating the dimmers to prevent them from overheating.

### Ganging and Derating Leviton Lighting Controls

When ganging Mural, True Touch, TouchPoint, ToggleTouch and IllumaTech controls, the side sections of the mounting strap must be removed. Use pliers to carefully bend side sections back and forth until they break off. The side sections of the strap dissipate heat, so removing them requires derating the dimmer's capacity. See Chart 1.

Note that Leviton SureSlide and Trimatron lighting controls can be ganged without removing any sections of their mounting straps. However, SureSlide and Trimatron controls must also be derated when they're ganged.

### Maximum Load Per Dimmer for Multi-Ganging All Strap-Mounted Dimmers

Chart 1			
Dimmer Rating	Single	2-Gang	More Than 2-Gang
500W	500W	400W	300W
600W	600W	500W	400W
1000W	1000W	800W	700W
400VA	400VA	350VA	250VA
600VA*	600VA	500VA	400VA
1000VA	1000VA	800VA	700VA

\*Except IPX06-7, which requires no derating

### Maximum Bulb Wattage for Magnetic Low-Voltage Lighting

The capacity of a magnetic low-voltage dimmer is its VA rating. If a wattage rating is also listed (as in this book), it is merely an estimate of the lamp wattage that can be placed on a UL-approved magnetic low-voltage transformer without exceeding the dimmer's VA rating. (This is, in turn, based on an estimate of transformer efficiency.)

Chart 2		
Power To Transformer	Transformer Efficiency	Lamp Load
1000VA	X 80%	= 800W
600VA	X 75%	= 450W

### Ganging and Leviton Renoir® and Van Gogh® Architectural Lighting Controls

When fins are broken off on wide and narrow controls for ganging purposes, the number of switch boxes required can be quickly determined by referring to the two charts below.

#### Ganging

Switch boxes required for ganging Leviton architectural controls when no fins are removed:

Number of Wide Controls	Number of Narrow Controls*				
	0	1	2	3	4
0	•	•	•	•	•
1	1	3	5	7	8
2	4	6	7	9	11
3	7	9	10	11	13
4	9	11	12	14	16

Switch boxes required for ganging Leviton architectural controls when all inside fins are removed:

Number of Wide Controls	Number of Narrow Controls						
	0	1	2	3	4	5	6
0	0	1	2	3	4	5	6
1	1	3	4	5	6	7	8
2	3	5	6	7	8	9	10
3	5	7	8	9	10	11	12
4	7	9	10	11	12	13	14
5	9	11	12	13	14	15	16
6	11	13	14	15	16	17	18

\*Narrow controls must have fins broken off to be ganged.



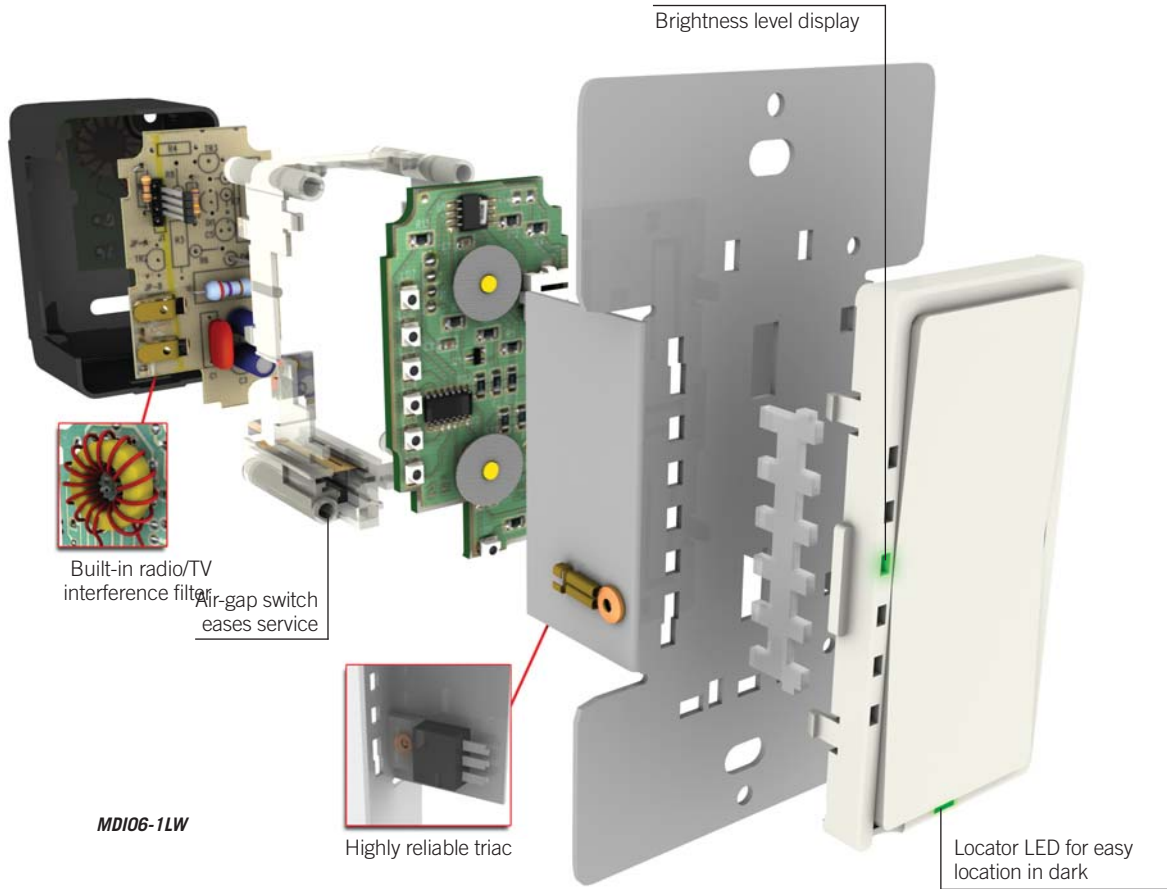


# MURAL® LIGHTING CONTROL FEATURES

## Commercial Grade Lighting Controls

### Mural Lighting Controls

The Leviton Mural® line is a comprehensive collection of dimmers, fan speed controls, and scene-capable dimmers and enhancement products. These rocker style devices provide full-range digital dimming in a sleek, Decora body that will enhance any décor.



#### Features and Benefits

- Easy for people of all ages and abilities to operate
- Digital circuitry provides eye-pleasing soft-ON/fade-OFF that extends lamp life
- Compatible with Decora® screwless and Decora standard designer wallplates
- Wide range of colors available through convenient color change kits
- UL and CSA Listed
- Backed by a Limited Five-Year Warranty

#### THE COMPREHENSIVE LINE OF MURAL DIMMING, SCENE AND FAN SPEED CONTROLS



**Mural L/S Preset Dimmer**  
Decora rocker style digital dimmer with LED brightness level indicators. With inner rocker for setting brightness when lights are off. Color-change kits available.  
**ML106-1LW shown**



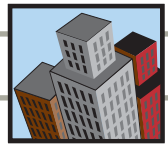
**Mural Preset Dimmer**  
Decora rocker-style digital dimmer with LED brightness level indicators. Convenient color-change kits available.  
**MD106-1LW shown**



**Mural Remote Unit**  
Enables multi-location dimming when used in conjunction with Mural Dimmer.  
**MS00R-10W shown**



**Mural 7-Scene Controller**  
Decora style controller sends commands for up to 7 distinct scenes to individual Mural Scene-Capable Controllers.  
**MN00C-1LW shown**



**Mural L/S (Level Set) Decora-Style Preset Digital Dimmer**

All Mural L/S dimmers provide single-pole (1 location) and 3-way (multi-location) control when used with Multi-Remote unit.

**Mural L/S Preset Digital Dimmer 120V AC 60Hz Only**

DESCRIPTION	CAT. NO.	RATING	COLOR*
Mural L/S Incandescent LED Locator and Brightness Display	<b>MLI06-1L</b>	600W	I, W, A (G, E, B with Kit)
Mural L/S Incandescent LED Locator and Brightness Display	<b>MLI10-1L</b>	1000W	I, W, A (G, E, B with Kit)
Mural L/S Magnetic Low-Voltage LED locator and Brightness Display	<b>MLM06-1L</b>	600VA (450W)	I, W, A (G, E, B with Kit)
Mural L/S Magnetic Low-Voltage LED locator and Brightness Display	<b>MLM10-1L</b>	1000VA (800W)	I, W, A (G, E, B with Kit)
Mural L/S Electronic Low-Voltage LED Locator and Brightness Display	<b>MLE03-1LW</b>	350VA (280W)	W (I, A, G, E, B with Kit)
Mural L/S Advance Mark 10™ Powerline Fluorescent Dimming Ballast LED Locator and Brightness Display	<b>MLX06-1L</b>	600VA	I, W, A (G, E, B with Kit)
Mural L/S Quiet Fan Speed Control LED Locator and Brightness Display	<b>MLF01-1L</b>	1.5A	I, W, A (G, E, B with Kit)
Mural L/S Incandescent LED Locator (no brightness display)	<b>MRIO6-1L</b>	600W	I, W, A (G, E with Kit)
Mural L/S Incandescent LED Locator (no brightness display)	<b>MRI10-1L</b>	1000W	I, W, A (G, E with Kit)
Mural L/S Magnetic Low-Voltage LED Locator (no brightness display)	<b>MRM10-1L</b>	1000VA (800W)	I, W, A (G, E with Kit)
Multi-Remote Unit for Multi-Location Dimming (no LED locator or display)	<b>MSOOR-10</b>	No load rating	I, W, A (G, E, B with Kit)
Multi-Remote Unit for Electronic Low-Voltage Multi-Location Dimming (no LED locator or display)	<b>MSEOR-10W</b>	No load rating	W (I, A, G, E, B with Kit)
Color Change Kits for Mural L/S (ML versions)	<b>DLKDD-1L</b>	—	I, W, A, G, E, B
Color Change Kits for Multi-Remote Units (no LED locator or display)	<b>DRKOR-00</b>	—	I, W, A, G, E, B
Color Change Kit for Mural L/S (MR versions)	<b>MRKOD-OL</b>	—	I, W, A, G, E

See Page C8 for more information on Leviton Power Extenders

**Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.**  
**Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.**

**CAUTION ON RETROFITS:** When retrofitting Mark 10™ Powerline dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark 10™ dimmer.

**SPECIFICATIONS AND FEATURES**

- Smooth Decora rocker-action for Preset ON/OFF switching with built-in arrow-shaped rocker for DIM/BRIGHT control
- Arrow rocker allows user to set brightness level when lights are off
- Second tap on top half of rocker for full bright. Gently double tap bottom half of rocker for fast OFF
- Easy to operate for people of all ages and abilities
- Provides single-pole (one-location) and multi-location full range dimming when used with Multi-Remote units
- Streamlined, popular Decora styling enhances any interior and adds a “family look” when ganged with any Decora device
- Digital circuitry provides SOFT-ON/FADE-OFF operation for an eye-pleasing effect and prolonged lamp life
- Square green LED display alongside rocker indicates selected brightness level on ML models
- Locator LED illuminates when lights are OFF
- Color change kits available in a wide range of choices, making it easy and economical to change decorating schemes
- Color change kits simplify inventory for distributors and contractors who can offer a complete range of colors without stocking a different device for each one

- Minimum brightness adjustment sets comfortable minimum light level
- Power failure recovery assures retention of lighting levels during long-term power interruptions.
- Built-in radio/TV interference filter
- ON/OFF AC air-gap switch completely disconnects power to unit for bulb changing or removal from service

**TESTING AND CODE COMPLIANCE**

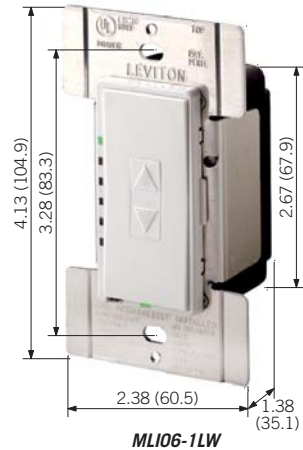
- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year warranty

**\*COLOR**

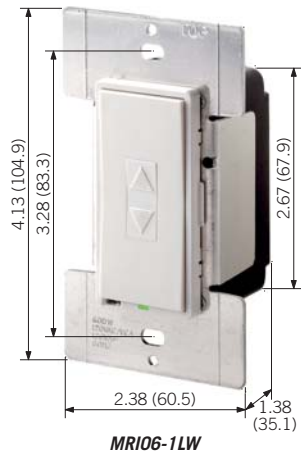
To order colors, add suffix to basic catalog number. Colors in parentheses must be ordered as Color Change Kits. Color suffixes are: Ivory (-I), White (-W), Almond (-A), Gray (-G), Black (-E) and Brown (-B).

**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
 Operating Temperature: 32°F to 130°F



MLI06-1LW



MRIO6-1LW

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0-10 VDC dimmable fluorescent ballasts such as Advance Mark V7™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.



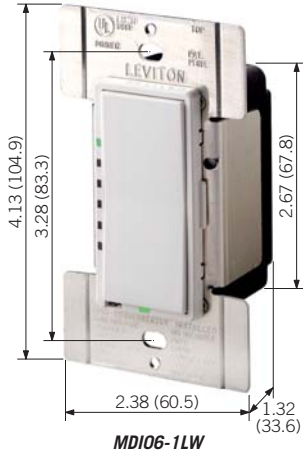
# MURAL® LIGHTING CONTROLS • 600–1000 WATTS • 120V AC 60Hz

## Commercial Grade Lighting Controls

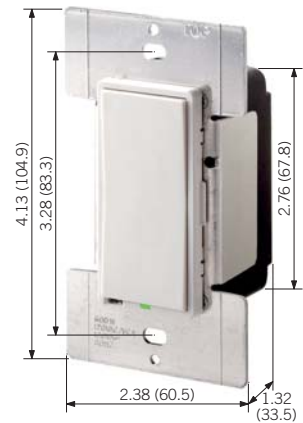
### Mural Decora-Style Preset Digital Dimmer

All Mural dimmers provide single-pole (1 location) and 3-way (multi-location) control when used with Multi-Remote unit.

#### Mural Digital Dimmer 120V AC 60Hz Only



MDI06-1LW



MSI06-1LW

DESCRIPTION	CAT. NO.	RATING	COLOR*
Mural Incandescent LED Locator and Brightness Display	MDI06-1L	600W	I, W, A (G, E, B with Kit)
Mural Incandescent LED Locator and Brightness Display	MDI10-1L	1000W	I, W, A (G, E, B with Kit)
Mural Magnetic Low-Voltage LED Locator and Brightness Display	MDM06-1L	600VA (450W)	I, W, A (G, E, B with Kit)
Mural Magnetic Low-Voltage LED Locator and Brightness Display	MDM10-1L	1000VA (800W)	I, W, A (G, E, B with Kit)
Mural Electronic Low-Voltage LED Locator and Brightness Display	MDE03-1LW	350VA (280W)	W (I, A, G, E, B with Kit)
Mural Quiet Fan Speed Control LED Locator and Brightness Display	MDFO1-1L	1.5A	I, W, A (G, E, B with Kit)
Mural Incandescent LED Locator (no Brightness Display)	MSI06-1L	600W	I, W, A (G, E with Kit)
Mural Incandescent LED Locator (no Brightness Display)	MSI10-1LW	1000W	W (I, A, G, E with Kit)
Mural Magnetic Low-Voltage LED Locator (no Brightness Display)	MSM10-1LW	1000VA (800W)	W (I, A, G, E with Kit)
Multi-Remote Unit for Multi-Location Dimming (no LED locator or display)	MSOOR-10	No load rating	I, W, A (G, E with Kit)
Multi-Remote Unit for Electronic Low-Voltage Multi-Location Dimming (no LED locator or display)	MSEOR-10W	No load rating	W (I, A, G, E with Kit)

#### Color Change Kits for Mural Dimmers

DESCRIPTION	CAT. NO.	COLOR*
Mural MD with LED Locator and Brightness Display	DRKDD-1L	I, W, A, G, E, B
Mural MS with LED Locator (no Brightness Display)	DRKOD-1L	I, W, A, G, E
Multi-Remote Units (no LED Locator or Display)	DRKOR-00	I, W, A, G, E

*Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.*

See Page C8 for more information on Leviton Power Extenders

#### SPECIFICATIONS AND FEATURES

- Provides single-pole (one-location) and multi-location full range dimming when used with MSOOR remote unit
- Streamlined popular Decora styling enhances any interior and adds a family look when ganged with other Decora devices
- Smooth ON/OFF and DIM/BRIGHT Decora rocker action provides ease of operation for people of all ages and abilities
- Digital circuitry provides Soft-ON/Fade-OFF switching for an eye-pleasing effect and extended lamp life
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED illuminated when lights are OFF
- Color change kits available in a wide range of choices, making it easy and economical to change decorating schemes
- Color change kits simplify inventory for distributors and contractors who can offer a complete range of colors without stocking a different device for each one
- Protected memory and voltage compensation maintain light levels after short-term power outages and during minor power fluctuations

- Square green LED display alongside rocker indicates selected brightness level on MD models
- Built-in radio/TV interference filter
- ON/OFF AC air gap switch completely disconnects power to unit for bulb changing or removal from service

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

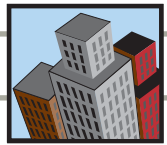
#### \*COLOR

To order colors, add suffix to basic catalog number. Colors in parentheses must be ordered as Color Change Kits. Color suffixes are: Ivory (-I), White (-W), Almond (-A), Gray (-G), Black (-E) and Brown (-B).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark 7™ 0–10V, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.



### Mural Scene Capable Decora-Style Digital Dimmer

Compatible with Scene Controller and Scene Enhancement Products — See page C22.

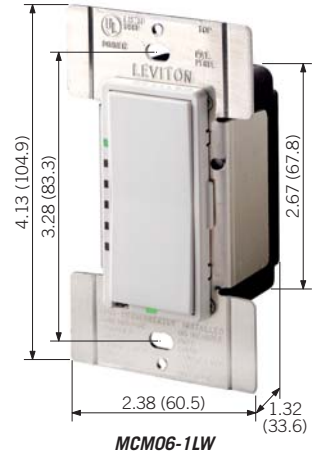
#### Mural Scene Capable Digital Dimmer 120V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Mural Scene Capable Incandescent/Magnetic Low-Voltage Dimmer with LED Locator and LED Brightness Display	MCM06-1L	600W/VA	I, W, A (G, E, B with Kit)
Mural Scene Capable Incandescent/Magnetic Low-Voltage Dimmer with LED Locator and LED Brightness Display	MCM10-1L	1000W/VA	I, W, A (G, E, B with Kit)
Mural Scene Capable Mark 10™ Preset Dimmer for 120V AC Advance Mark 10™ Powerline Fluorescent Dimming Ballast with LED Locator and LED Brightness Display	MCX10-1LW	1000VA (750W)	W (I, A, G, E, B with Kit)
Color Change Kits for Mural MC Scene Capable Dimmer	DRKDD-1L	—	I, W, A, G, E, B

See Page C8 for more information on Leviton Power Extenders

**Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.**  
**Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.**

**CAUTION ON RETROFITS:** When retrofitting Mark 10™ Powerline dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark 10™ dimmer.



#### SPECIFICATIONS AND FEATURES

- Responds to lighting level commands sent by the Cat. No. MNOOC-1LW Scene Controller. Users can program the desired lighting level for individual Mural Scene Dimmers in up to seven distinct lighting scenes, which are easily accessed by one or more Scene Controllers
- Smooth ON/OFF and Dim/Bright Decora rocker action provides ease of operation for people of all ages and abilities
- Scene Controller also provides an OFF button and two arrow-shaped buttons for group Dim and Bright control
- Local Dim/Bright adjustment on individual scene dimmers will not affect programmed scene lighting settings
- Compatible with Scene Enhancement Products including Contact Closure Interface, Infrared Hand-Held Remote and Infrared Receiver, and one-way and two-way Signal Repeater
- Streamlined, popular Decora styling enhances any interior and adds a “family look” when ganged with any Decora device
- Digital circuitry provides SOFT-ON/FADE-OFF operation for an eye-pleasing effect and prolonged lamp life
- Square green LED display alongside rocker indicates selected brightness level
- Locator LED illuminates when lights are OFF
- Color change kits available in a wide range of choices, making it easy and economical to change decorating schemes

- Color change kits simplify inventory for distributors and contractors who can offer a complete range of colors without stocking a different device for each one
- Minimum Brightness Adjustment sets comfortable minimum light level
- Protected memory and voltage compensation maintain light levels after power outages and during minor power fluctuations
- Built-in radio/TV interference filter
- ON/OFF AC air-gap switch completely disconnects power to unit for bulb changing or removal from service

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year warranty

#### \*COLOR

To order colors, add suffix to basic catalog number. Colors in parentheses must be ordered as Color Change Kits. Color suffixes are: Ivory (-I), White (-W), Almond (-A), Gray (-G), Black (-E) and Brown (-B).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
 Operating Temperature: 32°F to 130°F

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark 7™ 0–10V, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.





# MURAL® SCENE CONTROLS • NO LOAD RATING

## Commercial Grade Lighting Controls



MNOOC-1LW

### Mural Scene Controller and Accessories

#### Scene Controller for Mural Scene Capable Lighting Controls

DESCRIPTION	CAT. NO.	RATING	COLOR*
VScene Controller: 7 Lighting-Scene Buttons plus and OFF and Group DIM BRIGHT Buttons	MNOOC-1LW	No load rating, use with 120V Mural Scene dimmers only	White, for other colors use Color Change Kits
Color Change Kits with Text for MNOOC-1LW Scene Controller	DCKS7-00	—	I, W, A, G, E
Color Change Kit with Customizable Labels for Scene Controller	DCKS7-0C	No load rating	I, W, A, G, E

#### Scene Enhancement Products—

#### Compatible with Monet Scene Capable Lighting Controls

DESCRIPTION	CAT. NO.	RATING	COLOR*
Signal Repeater—Must be used if controlling lighting on more than one circuit. One-Way and Two-Way versions available	17100-1WY, 17100-2WY	No load rating	(Non-color item)
Contact Closure Interface—Allows control of Mural Scene Capable devices from home theater and building control systems via momentary contact inputs	177BI	No load rating	(Non-color item)
Infrared Receiver—Available with Wall Mount and Ceiling Mount Bezels	177IR-IWA	No load rating	Supplied with Ivory, White and Almond bezels
Hand-Held Infrared Remote Control— with 4 Scene Buttons plus OFF	177RC	No load rating	Black

Note: A Repeater must be used on any installation that uses more than one circuit.

#### SPECIFICATIONS AND FEATURES

##### Scene Controller

- Sends commands for up to seven distinct scenes to individual Mural Scene Capable Dimmers
- Multiple Scene Controllers can be used for multi-point access to scenes.
- Provides OFF button and two arrow-shaped buttons for group Dim and Bright control
- Local Dim/Bright adjustment on individual scene dimmers will not affect programmed scene settings.
- Green LED display for each scene button indicates selected scene
- Fast, easy scene programming: Press scene button on MNOOC, adjust individual level on Mural Scene Capable dimmer, press program button on dimmer
- Controls up to 20 scene dimmers per circuit
- Streamlined, popular Decora styling enhances any interior and adds a “family look” when ganged with any Decora device
- Use Decora Plus or any standard Decora wallplate
- Color change kits available in ivory, white, almond, gray, and black allow fast color changeover and simplify stocking inventory
- Internal MOV for surge protection

- Customized lettering for each scene button available (maximum of 8 characters and spaces) — see your Leviton representative for ordering information

##### Scene Enhancement Products

- Two-Way Repeater provides scene control communication link between branch circuits. One-Way Repeater allows the creation of separate scene control zones

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373 – Cat. Nos. MN00C and 177IR; File #E-66800 – Cat. Nos. 17100-1WY and 17100-2WY; File #E-600800 – Cat. No. 177BI)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

#### \*COLOR

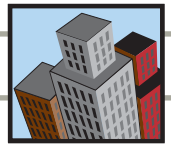
Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), and Almond (-A).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

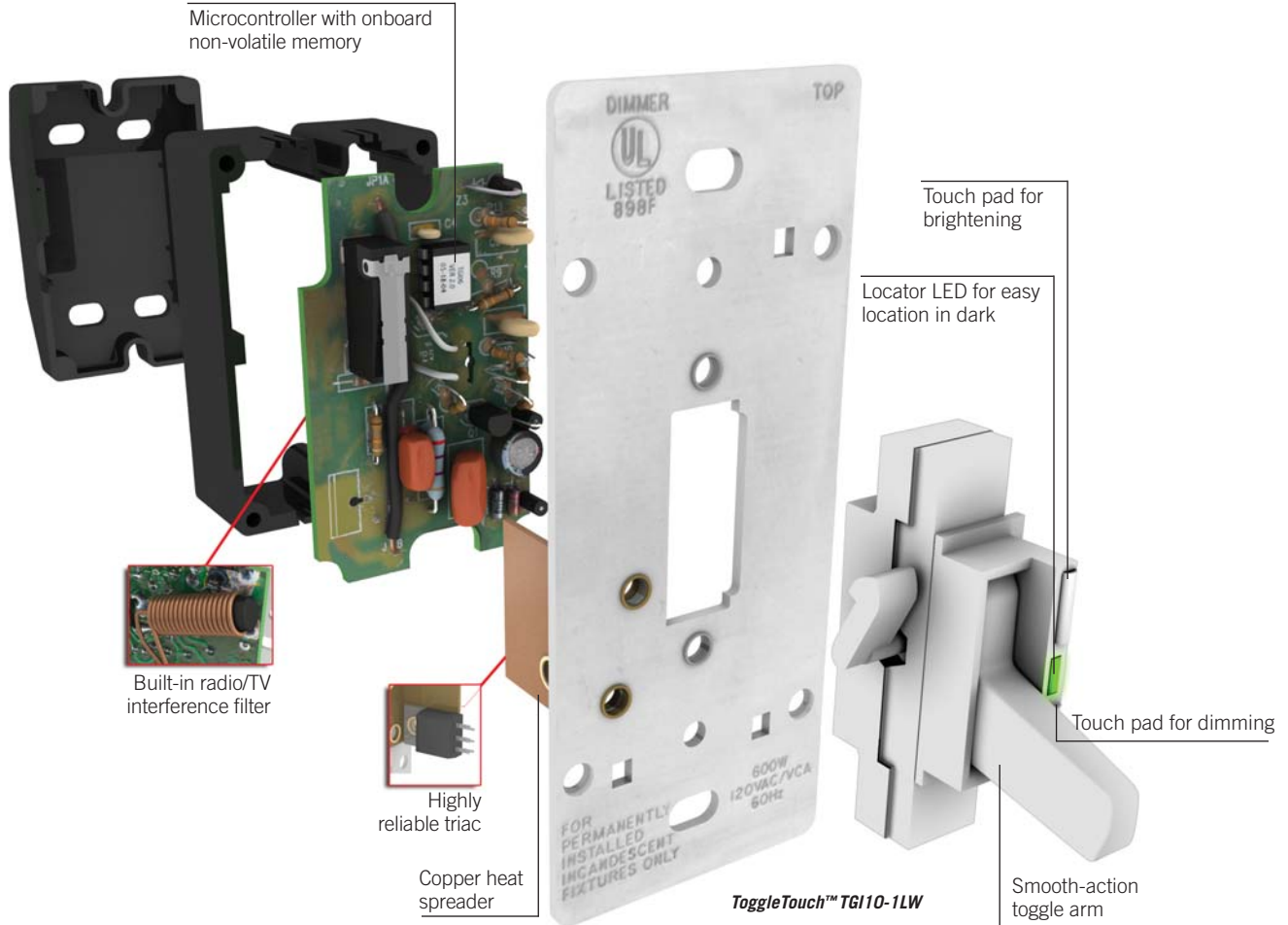
# TOUCH LIGHTING CONTROL FEATURES

## Commercial Grade Lighting Controls



### Touch Lighting Controls

The Leviton Touch series includes three full-range dimming lines that use digital touch pad technology to enable dimming and switching with a touch of a finger: True Touch™, TouchPoint™, and ToggleTouch™.



### Features and Benefits

- Preset dimmers incorporate touchpad technology
- Digital circuitry provides eye-pleasing soft-ON and fade-OFF that extends lamp life (most models)
- Single-point and multi-point control available
- Wide range of colors coordinates with any décor
- UL and CSA Listed
- Backed by a Limited Five-Year Warranty

### LEVITON TOUCH DIMMERS FOR FULL-RANGE DIMMING



**True Touch™ Dimmer**  
Decora-style digital touch dimmer. Provides fingertip full-range single-pole and multi-location dimming. Convenient color-change kits available.  
**TT110-10W shown**



**TouchPoint™ Dimmer**  
Decora full-range multi-location touch dimmer responds to where finger is placed on pad. With Preset switch, LED locator, and LED brightness indicators.  
**TP106-1LW shown**



**ToggleTouch™ Dimmer**  
Unique design features toggle-style ON/OFF switch with bright and dim digital touch pads alongside toggle. Available with LED locator light.  
**TGI10-1LW shown**



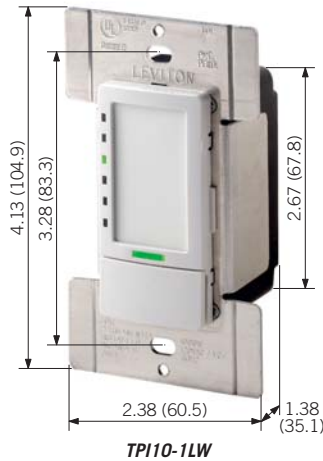
# TOUCHPOINT™ LIGHTING CONTROLS • 600–1000 WATTS • 120V AC 60Hz

## Commercial Grade Lighting Controls

### TouchPoint Decora-Style Preset Digital Touch-Pad Dimmer

All TouchPoint dimmers provide single-pole (1 location) and 3-way (multi-location) control when used with Multi-Remote unit. All dimmers feature Brightness LEDs and a Locator LED.

#### TouchPoint Digital Touch-Pad Dimmer 120V AC 60Hz Only



TPI10-1LW

DESCRIPTION	CAT. NO.	RATING	COLOR*
TouchPoint Incandescent	TPI06-1L	600W	I, W, A, G, E
TouchPoint Incandescent	TPI10-1L	1000W	I, W, A, G, E
TouchPoint Magnetic Low-Voltage	TPM06-1L	600VA (450W)	I, W, A, G, E
TouchPoint Magnetic Low-Voltage	TPM10-1L	1000VA (800W)	I, W, A, G, E
TouchPoint Advance Mark 10™ Fluorescent Dimming Ballast	TPX06-1L	600VA	I, W, A, G, E
TouchPoint Advance Mark 10™ Fluorescent Dimming Ballast	TPX10-1L	1000VA	I, W, A, G, E
Multi-Remote Unit for Multi-Location Dimming (no LED locator or display)	MS00R-10W	No load rating	White, for other colors use Color Change Kits
Color Change Kits for Multi-Remote Units (no LED locator or display)	DRKOR-00	—	I, W, A, G, E

See Page C8 for more information on Leviton Power Extenders

**Note:** Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.

Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.

**CAUTION ON RETROFITS:** When retrofitting Mark 10™ Powerline dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark 10™ dimmer.

#### SPECIFICATIONS AND FEATURES

- New advanced digital touch pad technology provides full range dimming by responding to where your finger is placed on the pad
- Provides single-pole (one-location) and multi-location full range dimming when used with MS00R remote unit
- Attractive Decora styling blends with any interior
- Digital circuitry provides Soft-ON/Fade-OFF switching for an eye-pleasing effect and extended lamp life
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED is illuminated when lights are OFF (no LED on Remote Unit)
- Easy-to-read LED display alongside touch pad indicates selected brightness level
- Minimum Brightness Adjustment sets comfortable minimum light level
- Protected memory maintains light levels after power outages and during minor power fluctuations
- Built-in radio/TV interference filter

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

#### \*COLOR

Add suffix to catalog number as follows for colors: Ivory (-I), White (-W), Gray (-G), Black (-E), and Almond (-A).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark 7™ 0–10V, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.



### True Touch Decora-Style Digital Touch Dimmer

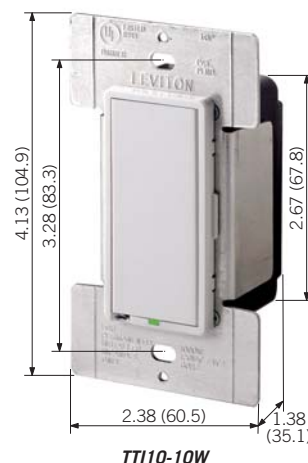
All True Touch dimmers provide single-pole (1 location) and 3-way (multi-location) control when used with TrueTouch Remote.

#### True Touch Digital Touch Dimmer 120V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
True Touch Incandescent	TTI06-1AW	600W	W + A, (I, WS, GI, GY, E, BG with kit)
True Touch Incandescent	TTI06-1EI	600W	I + E, (W, A, WS, GI, GY, BG with kit)
True Touch Incandescent	TTI06-1GS	600W	WS + GI, (W, I, A, GY, E, BG with kit)
True Touch Incandescent	TTI10-1	1000W	W, I, A, WS, GI, (GY, E, BG with Kit)
True Touch Magnetic Low-Voltage	TTM10-1	1000VA (800W)	W, I, A, WS, GI, (GY, E, BG with Kit)
True Touch Remote Unit (no LED)	TT00R-1	No load rating	W, I, A, WS, GI, (GY, E, BG with Kit)
True Touch Dimmer Color Change Kit	TTKIT-0	—	W, I, A, WS, GI, GY, E, BG
True Touch Remote Unit Color Change Kit	TTKTR-0	—	W, I, A, WS, GI, GY, E, BG

See Page C8 for more information on Leviton Power Extenders

Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.



TTI10-10W

#### SPECIFICATIONS AND FEATURES

- Provides fingertip ease of use and precise adjustment of lighting levels. Simple one-touch for ON at Preset level, or again for OFF. Touch and hold for BRIGHT/DIM lighting control
- Provides single-pole (one-location) and multi-location full range dimming when used with TT00R remote unit
- Attractive Decora styling blends with any interior
- Digital circuitry provides Soft-ON/Fade-OFF switching for and eye-pleasing effect and extended lamp life
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED is illuminated when lights are OFF (no LED on Remote Unit)
- Color change kits offered in a wide range of colors, making it easy and economical to change decorating schemes
- Minimum Brightness Adjustment sets comfortable minimum light level
- Protected memory maintains light levels after short-term power outages and during minor power fluctuations
- Built-in radio/TV interference filter
- ON/OFF AC air gap switch completely disconnects power to unit for bulb changing or removal from service

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

#### \*COLOR

TTI06 comes packaged two-in-one: all White and all Almond (AW), all Ivory and all Black (EI), and White frame/Silver touch and Ivory frame/Gold touch (GS). The TTI10 and TTM10 can be ordered in all White (OW), all Ivory (OI), all Almond (OA), White frame/Silver touch (WS), and Ivory frame/Gold touch (GI). Color change kits include these and other colors, add to end of catalog number as follows: all White (OW), all Ivory (OI), all Almond (OA), White frame/Silver touch (WS), Ivory frame/Gold touch (GI), all Gray (GY), all Black (OE), and Brown frame/Gold touch (BG).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

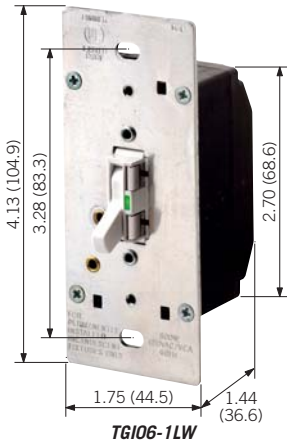
Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark 7™ 0–10V, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.





# TOGGLETOUCH™ LIGHTING CONTROLS • 600–1000 WATTS • 120V AC 60Hz

## Commercial Grade Lighting Controls



### ToggleTouch Toggle Digital Preset Touch Dimmer

All ToggleTouch Preset Dimmers provide single-pole (one-location) and 3-way (multi-location) control when used with a 3-way switch, except where noted.

#### ToggleTouch Digital Touch Dimmer 120V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
ToggleTouch Incandescent (No LED locator, single-pole only)	<b>TG106-10</b>	600W	W, I, A
ToggleTouch Incandescent	<b>TG106-1L</b>	600W	W, I, A, T, B
ToggleTouch Incandescent	<b>TG110-1L</b>	1000W	W, I, A, T, G
ToggleTouch Magnetic Low-Voltage	<b>TGM10-1L</b>	1000VA (800W)	W, I, A, T, G

Note: Leviton does not recommend using the ToggleTouch Dimmer with metal wallplates.

See Page C8 for more information on Leviton Power Extenders

**Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.**

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark 7™ 0–10V, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

#### SPECIFICATIONS AND FEATURES

- Provides a unique combination of toggle-style ON/OFF switching and digital Touch Pad technology
- Designed for smooth ON/OFF toggle action and fingertip-control touch dimming that's easy to operate
- Provides single-pole (one-location) and multi-location 3-way control when used with a 3-way switch
- Touch pads match color of toggle switch
- Fits perfectly with Leviton standard toggle wallplates; gangs perfectly with all Leviton toggle switches
- Provides preset dimming with soft-ON feature (does not provide fade OFF)
- Available with Locator LED that is illuminated when lights are OFF
- Protected memory during temporary power failures ensures that ToggleTouch will retain last setting before power interruption
- Built-in radio/TV interference filter

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

#### \*COLOR

Add suffix to catalog number as follows for other colors: Brown (-B), Ivory (-I), White (-W), Almond (-A), Light Almond (-T) and Gray (-G).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

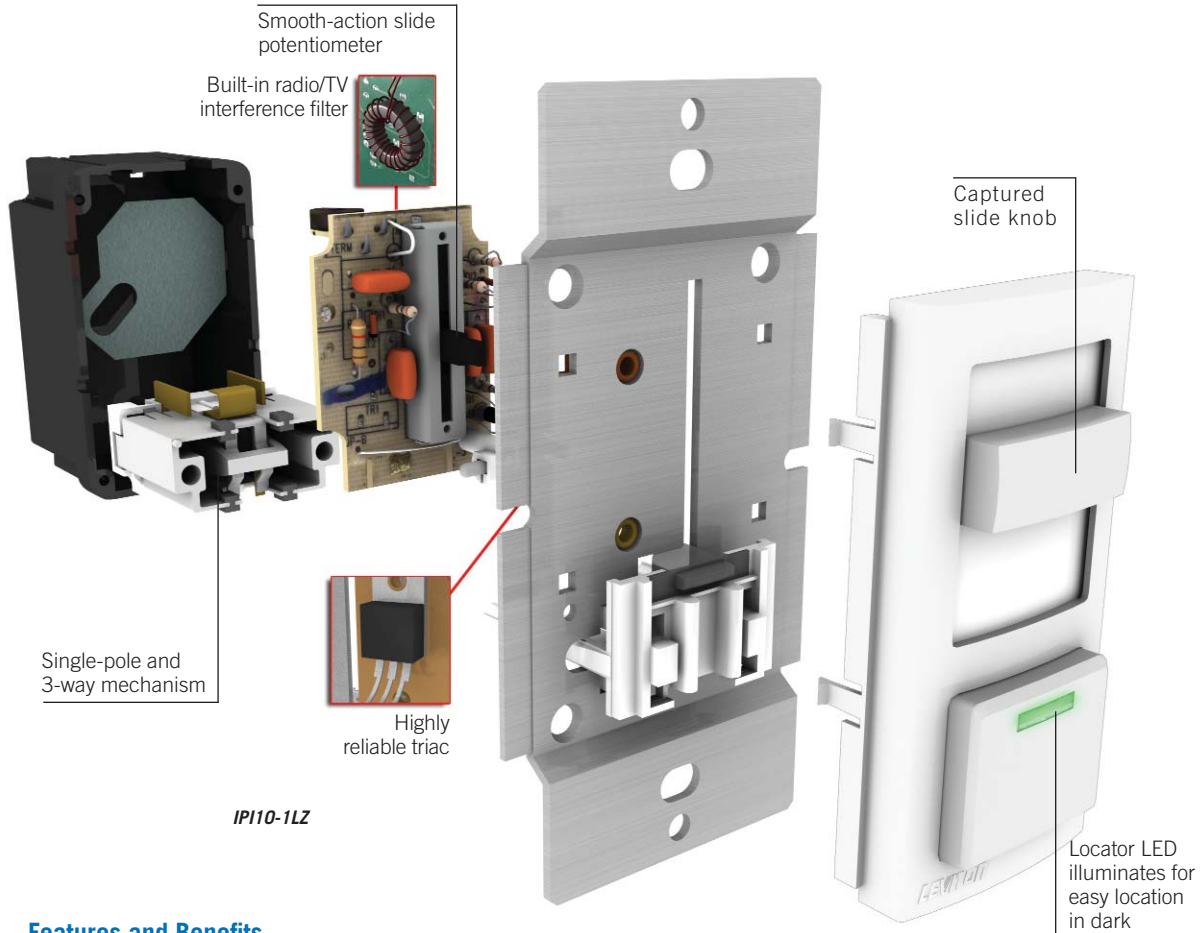
# TRADITIONAL LIGHTING CONTROL FEATURES

## Commercial and Residential Grade Lighting Controls



### Traditional Lighting Controls

Leviton offers a full line of slide, rotary and toggle dimmers and fan speed controls ideally suited to traditional interiors. The line includes Leviton IllumaTech™, SureSlide™, and Trimatron® brand devices as well as a number of specialty lighting devices. Leviton Traditional Controls are offered in a variety of colors.



#### Features and Benefits

- Features slide-, rotary- and toggle-style dimmers
- Most with full-range dimming and built-in radio/TV interference filter
- Single-point and multi-point control available
- UL and CSA Listed
- Backed by a Limited Five-Year Warranty

#### TRADITIONAL STYLE SLIDE AND ROTARY LIGHTING CONTROLS



#### IllumaTech™ Slide and Rotary Dimmers

Decora-style digital dimmer with full-range, single- and multi-location dimming in a touch of a finger. Convenient color change kits available.  
**IPI06-1LZ shown**



#### SureSlide™ Slide Dimmer

Smooth-action slide control for easy, precise operation. Slim design ideal for multi-gang installations. Preset and slide-to-off versions.  
**6633-PLW shown**



#### Trimatron® Rotary Dimmer

Ultra-compact, full-range rotary dimmers.  
**6681-W shown**

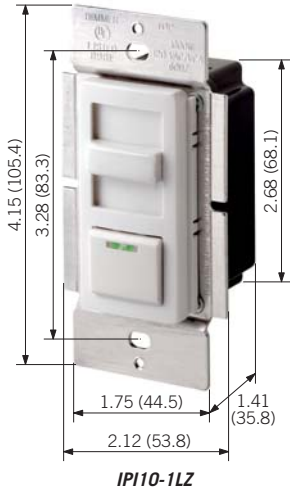


#### Specialty Lighting Controls

Specialty dimmers, sockets and switches. Emergency switch flashes lights on and off. Lamp-cord and 4-step dimmers also available.  
**911-W shown**



**Commercial Grade Lighting Controls**



**IllumaTech Decora-Style Preset Slide Controls**

All IllumaTech Preset Dimmers provide single-pole (one-location) and 3-way (multi-location) control when used with a 3-way switch.

**IllumaTech Colors**—All IllumaTech Preset Slide Controls are available in Ivory (-I), White (-W), Almond (-T), Light Almond (-T), Gray (-G), Black (-E), Brown (-B) and Red (-R). Devices come packaged with three colors as indicated in the chart below. Color change Kits can also be ordered separately for every color.

**IllumaTech Slide Controls—Single Pole and 3-Way**  

DESCRIPTION	CAT. NO.	RATING	COLOR*
IllumaTech Incandescent with LED Locator	<b>IPI06-1LZ</b>	600W	I + W + T
	<b>IPI06-1LX</b>	120V AC 60Hz	I + W + A
IllumaTech Incandescent with LED Locator	<b>IPI10-1LZ</b>	1000W	I + W + T
	<b>IPI10-1LX</b>	120V AC 60Hz	I + W + A
IllumaTech Electronic Low-Voltage with LED Locator	<b>IPE04-1LZ</b>	400VA (320W)	I + W + T
	<b>IPE04-1LX</b>	120V AC 60Hz	I + W + A
IllumaTech Magnetic Low-Voltage with LED Locator	<b>IPM06-1LZ</b>	600VA (450W)	I + W + T
	<b>IPM06-1LX</b>	120V AC 60Hz	I + W + A
IllumaTech Magnetic Low-Voltage with LED Locator	<b>IPIM10-1LZ</b>	1000VA (800W)	I + W + T
	<b>IPIM10-1LX</b>	120V AC 60Hz	I + W + A
IllumaTech Advance Mark 7™ 0-10V Fluorescent Dimming Ballast with LED Locator	<b>IP710-DLZ</b>	1200VA @	I + W + T
	<b>IP710-DLX</b>	120V AC 60Hz, 1500VA @ 277V AC 60Hz	I + W + A
IllumaTech Advance Mark 10™ Powerline Fluorescent Dimming Ballast (no LED Locator)	<b>IPX06-1LZ</b>	600VA	I + W + T
	<b>IPX06-1LX</b>	120V AC 60Hz	I + W + A
IllumaTech Advance Mark 10™ Powerline Fluorescent Dimming Ballast (no LED Locator)	<b>IPX10-1LZ</b>	1000VA	I + W + T
	<b>IPX10-1LX</b>	120V AC 60Hz	I + W + A
IllumaTech Advance Mark 10™ Powerline Fluorescent Dimming Ballast (no Locator LED)	<b>IPX06-7LZ</b>	600VA	I + W + T
	<b>IPX06-7LX</b>	277V AC 60Hz	I + W + A
IllumaTech Advance Mark 10™ Powerline Fluorescent Dimming Ballast (no Locator LED)	<b>IPX12-7LZ</b>	1200VA	I + W + T
	<b>IPX12-7LX</b>	277V AC 60Hz	I + W + A
IllumaTech Quiet Fan Speed Control with LED Locator	<b>IPF01-1LZ</b>	1.5 Amps	I + W + T
	<b>IPF01-1LX</b>	120V AC 60Hz	I + W + A
IllumaTech Fan Speed Control with LED Locator	<b>IPF05-1LZ</b>	5 Amps	I + W + T
	<b>IPF05-1LX</b>	120V AC 60Hz	I + W + A
IllumaTech Color Change Kit (with LED window) with LED Locator	<b>IPKIT-00</b>	—	I, W, A, T, G, E, B, R
	<b>IPKIT-0N</b>	—	I, W, A, T, G, E, B, R
IllumaTech Color Change Kit (no LED window) with LED Locator	<b>IPKIT-0N</b>	—	I, W, A, T, G, E, B, R
	<b>IPQFK-00</b>	—	I, W, A, T, G, E, B, R

See Page C8 for more information on Leviton Power Extenders

**Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.**

**CAUTION ON RETROFITS:** When retrofitting Mark 10™ Powerline dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark 10™ dimmer.

**SPECIFICATIONS AND FEATURES**

- Fluid slide movement allows fine adjustment of light level with minimum effort
- Captured, wrap-around slide bar stays in place and cannot fall off during use
- Provide easy-to-use pushbutton switch with locator LED conveniently positioned on it, making the pushbutton easier to find in the dark
- Provide single-pole (one-location) and multi-location lighting control when used with a 3-way switch
- Attractive Decora styling blends with any interior
- Compatible with Decora screwless and Decora standard designer wallplates
- Power failure recovery ensures retention of last setting before power interruption
- Built-in radio/TV interference filter
- Quiet 1.5 Amp Fan Speed Controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5-amp fan speed controls also available
- Color change kits feature a self-aligning mechanism that automatically connects it to internal slider

- Snap-On Color Change Kits allow color changes on any device, eliminating the need to stock a separate device for every available color

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

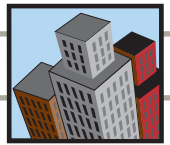
**\*COLOR**

IllumaTech Preset Controls come packaged with three colors. Controls with suffix (-Z) include Ivory, White and Light Almond; controls with suffix (-X) include Ivory, White and Almond. Color Change Kits are available in all colors. Add suffix to the Color Change Kit catalog number as follows: Ivory (-I), White (-W), Almond (-T), Light Almond (-T), Gray (-G), Black (-E), Brown (-B) and Red (-R).

**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark 7™ 0–10V, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.



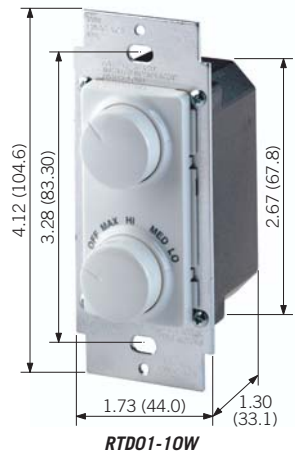
**IlumaTech Decora-Style Rotary Controls**

All IlumaTech Rotary Controls combine the ease of a traditional rotary dial with the contemporary look of Leviton Decora®.

**IlumaTech Rotary Controls 120V AC 60Hz Only**

DESCRIPTION	CAT. NO.	RATING	COLOR*
IlumaTech Rotary Incandescent, Single-Pole and 3-way, Illuminated	<b>RPIO6-LAW</b>	600W	W+A
IlumaTech Rotary Incandescent, Single-Pole and 3-way, Illuminated	<b>RPIO6-LEI</b>	600W	I+E
IlumaTech Rotary Incandescent, Single-Pole and 3-way, Non-Illuminated	<b>RPIO6-OAW</b>	600W with kit)	W+A
IlumaTech Rotary Incandescent, Single-Pole and 3-way, Non-Illuminated	<b>RPIO6-OEI</b>	600W	I+E
IlumaTech Rotary Quiet Fan Speed Control, Single-Pole, Non-Illuminated	<b>RTFO1-OAW</b>	1.5 Amp	W+A
IlumaTech Rotary Quiet Fan Speed Control, Single-Pole, Non-Illuminated	<b>RTFO1-OEI</b>	1.5 Amp	I+E
IlumaTech Rotary Dual Quiet Fan Speed Control and Fixture Dimmer, Single-Pole, Non-Illuminated	<b>RTDO1-OAW</b>	1.5 Amp Fan Control/ 300W Dimmer	W+A
IlumaTech Rotary Dual Quiet Fan Speed Control and Fixture Dimmer, Single-Pole, Non-Illuminated	<b>RTDO1-OEI</b>	1.5 Amp Fan Control/ 300W Dimmer	I+E

See Page C8 for more information on Leviton Power Extenders



**SPECIFICATIONS AND FEATURES**

- Combines traditional rotary dial with contemporary Decora styling
- Dimmers provide single-pole (one-location) or multi-location (3-way) control when used with a 3-way switch
- Dimmers available in illuminated and non-illuminated versions
- Quiet 1.5 Amp Fan Speed Controls are perfect for libraries, study rooms and any area where ceiling fan noise could become distracting
- Dual fan speed control and dimmer is ideal for ceiling fans with built-in light fixtures
- Attractive Decora styling coordinates perfectly with Leviton's complete line of Decora wiring devices
- Compatible with Decora Plus screwless and Decora standard designer wallplates
- Built-in radio/TV interference filter
- Slim, compact housing fits easily into a standard wallbox and is suitable for multi-gang installations

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

**\*COLOR**

Controls with suffix (-AW) are assembled with Almond (-A) and White (-W) kits; controls with suffix (-EI) are assembled with Black (-E) and Ivory (-I) kits.

**MATERIAL CHARACTERISTICS**

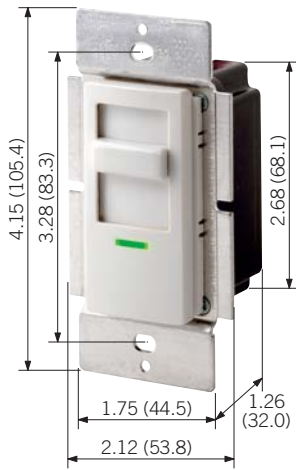
Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0-10 VDC dimmable fluorescent ballasts such as Advance Mark 7™ 0-10V, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.





**Commercial Grade Lighting Controls**



**INI10-1LW**

**IllumaTech Decora-Style Slide-To-Off Controls**

**Single Pole Only, with LED Locator— 120V AC 60Hz Only**  

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
IllumaTech Incandescent	INI06-1L	600W	I, W, A (T, G, E, B with Kit)
IllumaTech Incandescent (no LED locator)	INI06-10	600W	I, W, A
IllumaTech Incandescent	INI10-1L	1000W	I, W, A (T, G, E, B with Kit)
IllumaTech Magnetic Low-Voltage	INM06-1L	600VA (450W)	I, W, A (T, G, E, B with Kit)
IllumaTech Magnetic Low-Voltage	INM10-1L	1000VA (800W)	I, W (A, T, G, E, B with Kit)
IllumaTech Quiet Fan Speed Control	INF01-1L	1.5 Amps	I, W, A (G, E, B with Kit)
IllumaTech Fan Speed Control	INF05-1L	5 Amps	I, W, A (T, G, E, B with Kit)
IllumaTech Color Change Kit	INKIT-00	—	I, W, A, T, G, E, B
IllumaTech Color Change Kit for Quiet Fan Speed Control	INQFK-00	—	I, W, A, G, E, B

*See Page C8 for more information on Leviton Power Extenders*

**SPECIFICATIONS AND FEATURES**

- Fluid slide movement allows fine adjustment of light level with minimum effort
- Captured, wrap-around slide bar stays in place and cannot fall off during use
- Attractive Decora styling blends with any interior
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED is illuminated when lights are OFF. LED is positioned in the same location on both Preset and Slide-To-Off versions, giving a true “family look” to IllumaTech
- Power failure recovery ensures retention of last setting before power interruption
- Built-in radio/TV interference filter
- Quiet 1.5 Amp Fan Speed Controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5-amp fan speed controls also available
- Color change kits feature a self-aligning mechanism that automatically connects it to internal slider
- Snap-On Color Change Kits allow color changes on any device, eliminating the need to stock a separate device for every available color

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

**\*COLOR**

To order colors, add suffix to basic catalog number. Colors in parentheses must be ordered as Color Change Kits. Color suffixes are: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-G), Black (-E) and Brown (-B).

**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark 7™ 0–10V, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.



Residential Grade Lighting Controls

SureSlide Decora-Style Full Range Slide Controls 120V AC 60HzOnly

**Incandescent**

DESCRIPTION	CAT. NO.	RATING	COLOR*
SureSlide Single-Pole Slide-To-Off, Illuminated option	6631-L	600W	I, W, A, T
SureSlide Single-Pole and 3-Way with Preset On/OFF Switch	6623-P	600W	I, W, GY, E, B
SureSlide Single-Pole and 3-Way with Preset On/OFF Switch, Illuminated option	6633-PL	600W	I, W, A, T
SureSlide Dual Slide-To-Off Dimmer—(2) Single-Pole Loads, Incandescent or Magnetic Low-Voltage	6628	300W or 300VA per circuit; 600W/600VA Total	I, W, A, GY

**Low Voltage**

DESCRIPTION	CAT. NO.	RATING	COLOR*
SureSlide Magnetic Low-Voltage Single-Pole with Preset ON/OFF Switch	6611-P	600VA (450W)	I, W, A, GY, E, B,
SureSlide Magnetic Low-Voltage Single-Pole and 3-Way with Preset On/OFF Switch, Illuminated option	6613-PL	600VA (450W)	I, W, A, T
SureSlide Electronic Low-Voltage Single-Pole and 3-Way with Preset On/OFF Switch	6615-P	300W	W, T

**Advance Mark 10™ Powerline/Philips Marathon™**

DESCRIPTION	CAT. NO.	RATING	COLOR*
SureSlide Single-Pole	6668	Mark 10 500W-120V, Philips Dimmable Marathon—350W-120V	I, W

**Full-Range Fan Speed Control**

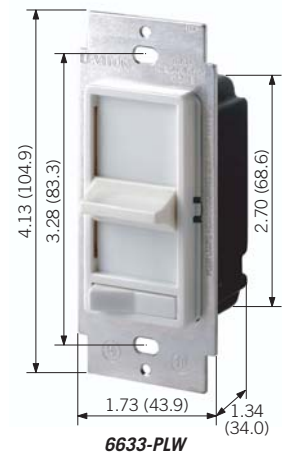
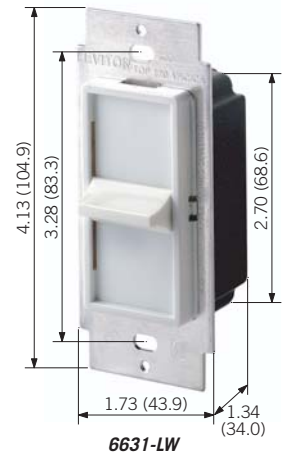
DESCRIPTION	CAT. NO.	RATING	COLOR*
SureSlide Single-Pole	6627-1	5 Amps	I, W, B
SureSlide Single-Pole with Preset ON/OFF	6627-P	5 Amps	I, W, A, T, G, E, B
SureSlide 3-Way with Preset ON/OFF	6637-P	5 Amps	I, W, A

**Quiet Step Fan Speed Controls**

DESCRIPTION	CAT. NO.	RATING	COLOR* (Brown Not Available)
SureSlide Single-Pole Quiet Step	6629-P	1.5 Amps	I, W, A, T, GY
SureSlide 3-way Quiet Step with Preset ON/OFF	6629-3	1.5 Amps	I, W, A, GY
SureSlide Dual Quiet Fan Speed and Fixture Dimmer	6630	1.5A Fan/300W Fixture	I, W, A, T, GY

See Page C8 for more information on Leviton Power Extenders

**CAUTION ON RETROFITS:** When retrofitting Mark 10™ Powerline dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark 10™ dimmer.



**SPECIFICATIONS AND FEATURES**

- All SureSlide devices have a permanently mounted smooth-action integrated linear slide control for easy, precise operation
- SureSlide features a slim, compact housing that fits easily into a standard wallbox and is suitable for multi-gang installations
- Preset versions provide single-pole (one-location) and multi-location lighting control when used with a 3-way switch
- Illuminated versions feature optional-use Locator LED.
- SureSlide's attractive Decora styling coordinates perfectly with Leviton's complete line of Decora wiring devices
- Compatible with Decora screwless and Decora standard designer wallplates
- Built-in radio/TV interference filter
- Quiet 1.5 Amp Fan Speed Controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5-amp fan speed controls also available

- SureSlide Cat. No. 6668 is specially designed to work with the Philips Dimmable Marathon™
- Preset versions provide a low-end trim adjustment for precise lamp brightness and fan speed at the low-end settings

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

**\*COLOR**

Basic Cat. No. denotes Brown where Brown is available. Add suffix to catalog number as follows for other colors: Ivory (-I), White (-W), Gray (-GY), Black (-E), Almond (-A), and Light Almond (-T).

**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0-10 VDC dimmable fluorescent ballasts such as Advance Mark 7™ 0-10V, OSRAM SYLVANIA Quicktronic Helios or equivalent ballasts.



# TRIMATRON™ LIGHTING CONTROLS • 600 WATTS • 120V AC 60Hz

## Residential Grade Lighting Controls

### Trimatron™ Deluxe Full Range Rotary Dimmers and Fan Speed Controls

#### Trimatron Incandescent Rotary Dimmers 600 Watts 120V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Trimatron Deluxe Push-ON/Push-OFF Single-Pole	<b>6681</b>	600W	I, W, A
Trimatron Deluxe Push-ON/Push-OFF 3-Way	<b>6683</b>	600W	I, W, A
Trimatron Single-Pole Deluxe Rotary	<b>6602</b>	600W	I, W
Trimatron Single-Pole Deluxe Rotary★ (Not UL Listed or CSA Certified)	<b>6602-220</b>	600W-220V 50Hz AC	W
Decora Plastic Adapter for Rotary Dimmers — Plastic, Standard size; fits over .406" dimmer shaft	<b>80400</b>	—	I, W, A, E, B
Dimmer Knobs with metal insert (packed 25 per box)	<b>26115</b>	—	I, W, A, T, E, B

Note: All dimmers have a ground wire.

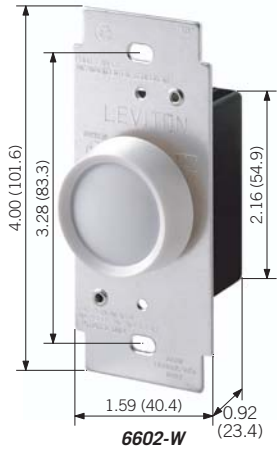
All devices are UL Listed and CSA Certified except where indicated by★

#### Trimatron Fan Speed Controls 120V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Trimatron Full-Range Fan Speed Control	<b>6616-X</b>	5 Amps	I, W
Trimatron Quiet Fan Speed Control	<b>6639</b>	1.5 Amps	I, W

See Page C8 for more information on Leviton Power Extenders

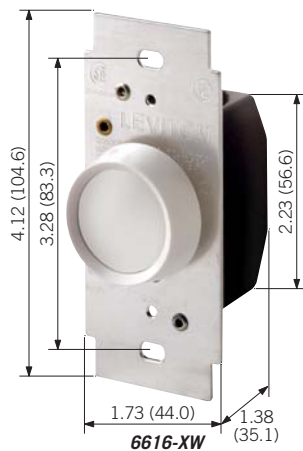
Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark 10™ Powerline fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark 7™ 0–10V, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.



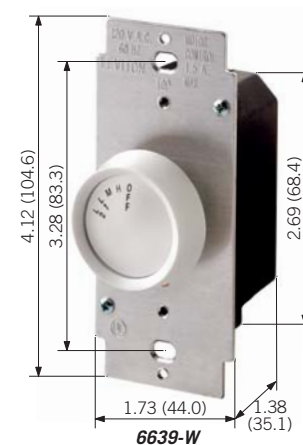
**6602-W**



**6681-W**



**6616-XW**



**6639-W**

#### SPECIFICATIONS AND FEATURES

- Leviton Trimatron lighting controls are traditional rotary-style dimmers featuring an ultra-compact design that fits in even the tightest single-gang wallboxes and is suitable for multi-gang installations
- Built-in radio/TV interference filter
- Quiet 1.5 Amp Trimatron Fan Speed Controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5-amp fan speed controls also available
- Wire leads provided for fast, easy assembly and wiring

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

#### \*COLOR

Add suffix to catalog numbers as follows to select colors: Ivory (-I), White (-W), Almond (-A), Light Almond (-T) and Black (-E). Cat. Nos. 80400 and 26115 also available in Brown (no suffix).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F



Residential Grade Lighting Controls

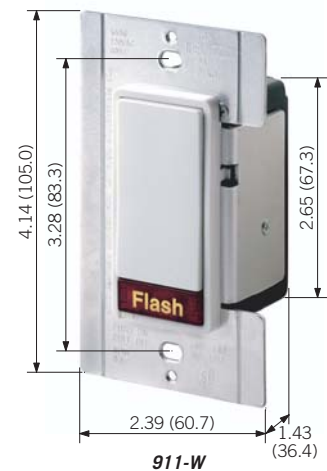
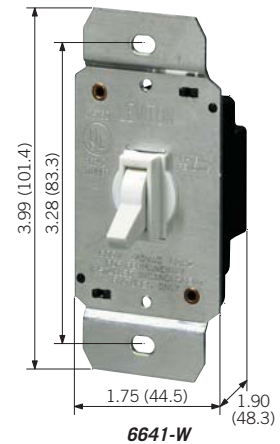
**Incandescent Lighting Controls**

**Toggle Dimmers 600 Watts 120V AC 60Hz Only**

DESCRIPTION	CAT. NO.	COLOR* <i>(Basic Cat. No. Denotes Brown)</i>
Single Pole Toggle Dimmer	6641	I, W,
3-Way Toggle Dimmer	6643	I, W
Single Pole Illuminated Toggle Dimmer	6691	Clear
3-Way Illuminated Toggle Dimmer	6693	Clear

**Decora® 911 Flasher 500 Watts 120V AC 60Hz Only**

DESCRIPTION	CAT. NO.	COLOR*
Decora 3-Position Emergency Flasher Rocker Switch	911	I, W, A



**SPECIFICATIONS AND FEATURES**

**Toggle Dimmers**

- Easy-to-install shallow design replaces standard switch in single wallbox
- Built-in radio/TV interference filter
- Positive ON/OFF action with smooth, full-range brightness control

**911 Switch**

- 911 replaces standard single-pole switch and alerts neighbors and helps emergency personnel locate a house quickly
- 911 Switch has standard ON/OFF operation plus a special illuminated "FLASH" position that causes controlled lighting to flash ON and OFF at one second intervals

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Five-Year Warranty

**\*COLOR**

Basic Cat. No. denotes Brown where indicated. Add suffix to catalog number as follows for other colors: Ivory (-I), White (-W), and Almond (-A).

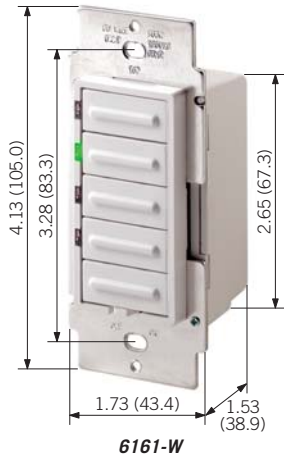
**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F





Residential Grade Lighting Controls




6161-W



6151

Specialty Dimmers and Sockets

Incandescent Dimmers 120V AC 60Hz Only  

DESCRIPTION	CAT. NO.	RATING	COLOR*
Decora 4-Level Step Dimmer	6161	500W	W, I, A
HI-LO Feed-through Lamp-Cord Dimmer	1420	200W	W, I (Basic Cat. No. Denotes Brown)
Full-Range Feed-through Lamp-Cord Dimmer (Individually boxed)★	6250-3	200W	W (Basic Cat. No. Denotes Brown)
Tabletop Dimmer for plug-in lamps	TB103	300W	W

Dimmer Socket 120V AC 60Hz Only  

DESCRIPTION	CAT. NO.	RATING	COLOR*
Full-Range Compact Dimmer Socket (1/8 I.P.S Thread and Set Screw)	6151	150W	(Non-color item)
Full-Range Compact Dimmer Socket (1/8 I.P.S Thread and Set Screw)—Blister Pak Carded	6151-BP	150W	(Non-color item)

All devices are UL Listed and CSA Certified except where indicated by★

SPECIFICATIONS AND FEATURES

Four-Level Step Dimmer

- Eliminates guesswork — user selects one of four preset lighting levels (25%, 50%, 75%, 100%)
- Easily installs in place of single-pole switch
- LED indicates selected level of brightness
- Sleek designer styling; can be ganged with other Decora devices

Lamp Cord and Socket Dimmers

- Compact Dimmer Socket interchangeable with standard lampholder for dimmer conversion (eliminates need for expensive 3-way bulbs)
- Full-Range Feed-Through Lamp Cord Dimmer provides full-range dimming with positive ON/OFF action in a completely insulated plastic housing

TESTING AND CODE COMPLIANCE

- UL Listed (File #E-3810) – 6151; (File #E-7458) – 1420; (File #E-7442) – 6250-3
- CSA Certified (File #LR-1863) – 6151; (File #LR-3413) – 1420
- Backed by a Limited Five-Year Warranty

\*COLOR

Basic Cat. No. denotes Brown where indicated. Add suffix to catalog number as follows for other colors: Ivory (-I), White (-W).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

# Energy Management Products

## INDEX

### Occupancy Sensor Lighting Controls

Overview	D2
Decora Wall Switch Infrared Occupancy Sensors	D3, D4
Decora Dual-Relay Wall Switch	
Infrared Occupancy Sensor	D3
Self-Contained Infrared Ceiling Mount Occupancy Sensor	D5
Multi-Tech Ceiling Mount Occupancy Sensor	D6
Ultrasonic Ceiling Mount Occupancy Sensor	D7
Infrared Ceiling Mount Occupancy Sensor	D8
Multi-Tech Wall Mount Occupancy Sensor	D9
Infrared Wide-View Wall Mount Occupancy Sensor	D10
Infrared High-Bay Wall Mount Occupancy Sensor	D10
Infrared Long-Range Wall Mount Occupancy Sensor	D10
Power Packs for Occupancy Sensors	D11
Infrared Outdoor Motion Sensors	D12

### Centura System

Centura® Fluorescent Energy Management System	D13, D14
---	----------

### Timed Lighting Controls

Decora Plus Electronic Timer Switches	D15
Decora Programmable Electronic Timer Switches	D16
Variable Countdown Timer Switch	D16
Z-MAX Relay Cabinets	D17



# OCCUPANCY SENSOR LIGHTING CONTROL FEATURES

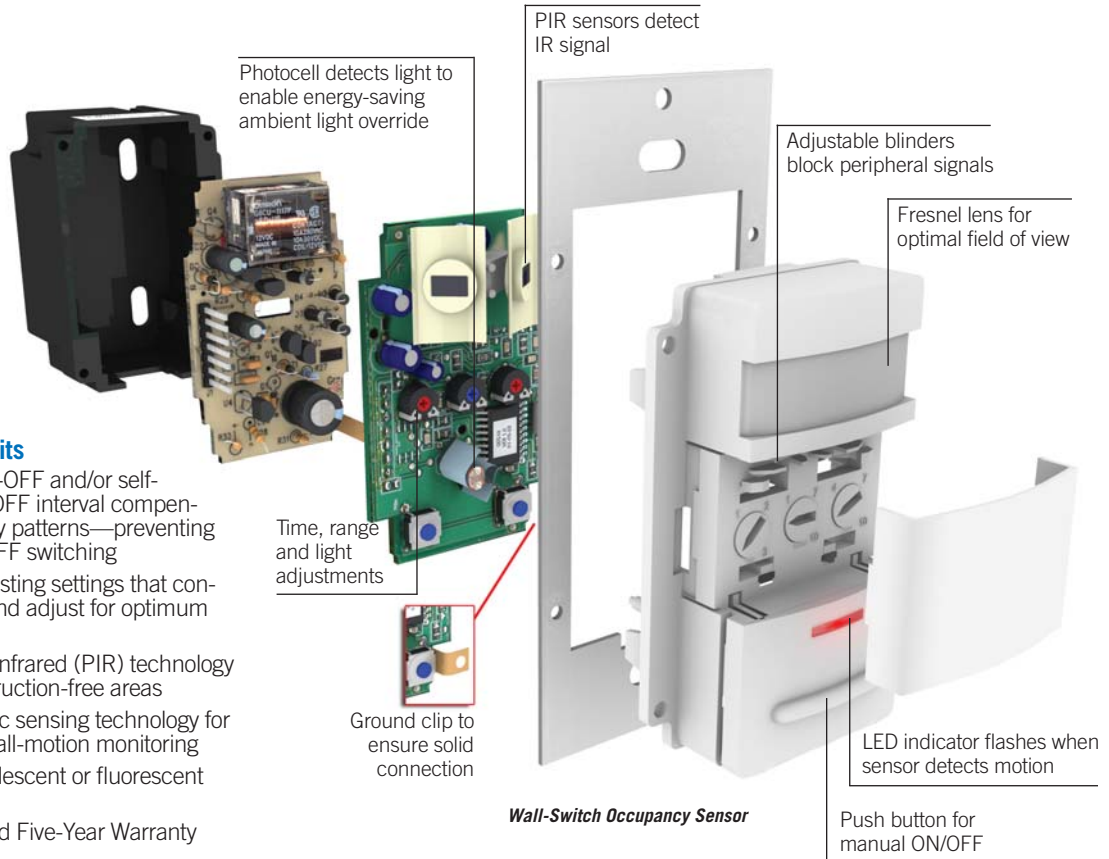
## Commercial and Residential Grade Energy Management Products

### LEVITON OFFERS A RANGE OF PRODUCTS THAT REDUCE ENERGY COSTS WHILE INCREASING COMFORT AND SECURITY.

The modular Centura® Fluorescent Energy Management offers "daylight harvesting" in commercial buildings through the use of photo sensors, occupancy sensors, dimmers and a PC-based lighting control interface. Occupancy Sensors provide convenient, hands-free lights-ON/lights-OFF switching either independently or as part of the Centura system. Leviton's residential and commercial grade Electronic Timers reduce energy bills and can provide a "lived-in look" for added home security. Z-MAX™ timed relay lighting control panels combine time clock and switching contactor functions with innovative technology for advanced scheduling of lighting and other loads in commercial, educational and outdoor areas.

### Occupancy Sensor Lighting Controls

Leviton offers a variety of space-monitoring Occupancy Sensor Lighting Controls for virtually any room, facility, home or office. Wall or ceiling mount, with passive infrared, ultrasonic or multi-technology sensing; end-users will benefit from the energy savings, convenience and security provided by Leviton Occupancy Sensors.



#### Features and Benefits

- Adjustable delayed-OFF and/or self-adjusting delayed-OFF interval compensates for occupancy patterns—preventing unnecessary ON/OFF switching
- Many with self-adjusting settings that continuously analyze and adjust for optimum performance
- Advanced passive infrared (PIR) technology for monitoring obstruction-free areas
- Advanced ultrasonic sensing technology for highly accurate small-motion monitoring
- For use with incandescent or fluorescent lighting
- Backed by a Limited Five-Year Warranty

### OCCUPANCY SENSOR LIGHTING CONTROLS FOR COMMERCIAL AND RESIDENTIAL APPLICATIONS



**Decora® Wall-Switch Infrared Occupancy Sensor**  
Features automatic "walk-through" sensing and self-adjusting delayed OFF. Dual relay versions available.  
**ODS15-IDW shown**



**Self-Contained Infrared Ceiling-Mount Occupancy Sensor**  
Features built-in relay and 360° coverage. For small spaces.  
**ODCOS-11L shown**



**Multi-tech Ceiling-Mount Occupancy Sensor**  
IR and ultrasonic combine for accurate monitoring while minimizing false triggers. For larger, open areas. Self adjusting.  
**OSC20-MOW shown**



**Ultrasonic Ceiling-Mount Occupancy Sensor**  
Highly accurate small-motion detection. Self-adjusting sensitivity and time off.  
**OSC05-UOW shown**

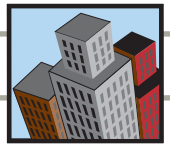


**Wall-Mount Occupancy Sensor**  
Available with multi-technology sensing or IR wide-view, high-bay and long-range versions. Fits in corner.  
**OSW120-MOW shown**



**Infrared Outdoor Motion Sensor**  
Adjustable delayed-off plus sensitivity to reduce false triggers. For commercial and residential applications.  
**PS200 shown**





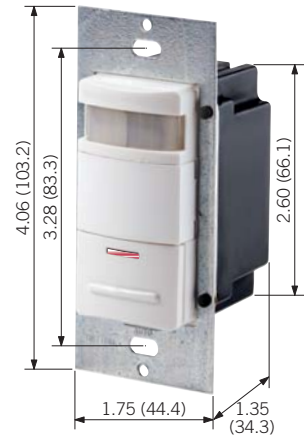
### Wall Switch Occupancy Sensor Lighting Controls

#### Decora Wall Switch Infrared Occupancy Sensor (Incandescent or Fluorescent)

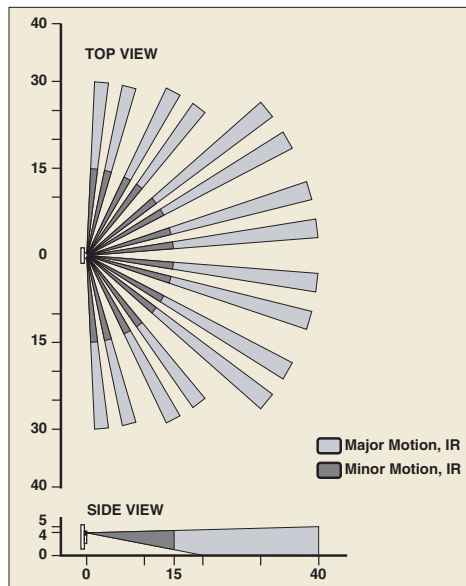
DESCRIPTION	CAT. NO.	RATING	COLOR*
Decora Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology	<b>ODS15-ID</b>	Fluorescent: 1800VA @ 120V, 4000VA @ 277V. Incandescent: 1800W @ 120V. Motor: 1/4 HP @ 120V	I, W, A, T, G
Decora Wall Switch PIR Occupancy Sensor	<b>ODS10-ID</b>	Incandescent: 800W @ 120V, Fluorescent: 1200VA @ 120V, 2700VA @ 277V. For 60 Hz AC only. Motor: 1/4 HP @ 120V	I, W, A, T, G

#### Dual-Relay Decora Wall Switch Infrared Occupancy Sensor

DESCRIPTION	CAT. NO.	PHOTOCELL CONTROL OPTIONS PER RELAY	RATING	COLOR*
Dual-Relay Decora Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology	<b>ODSOD-ID</b>	Default Setting: Conference Room Mode (Both Primary and Secondary Relays respond to Ambient Light Override.) Alternate Setting: Classroom Mode (Primary Relay only responds to Ambient Light Override.)	Primary Relay: Fluorescent: 1200VA @ 120V, 2700VA @ 277V. Incandescent: 800W @ 120V. Secondary Relay: Fluorescent: 800VA @ 120V, 1200VA 277V. Incandescent: 800W @ 120V	I, W, A, T, G



ODS15-IDW



ODSXX-ID Field of View (in feet)

#### SPECIFICATIONS AND FEATURES

##### All ODS Wall Switch Sensors

- Ambient light override prevents these devices from switching lights ON when there is ample natural sunlight
- Push-button manual override is used to turn lights ON at any time, regardless of the override setting
- 180° field of view, 2100 sq. ft. of coverage
- One unit can be used for 120V or 277VAC 60Hz incandescent, low voltage and fluorescent lighting with either magnetic or electronic ballasts, and motor loads
- Fits in standard wallbox; gangable
- Elegant Decora styling; uses Decora wallplate

##### ODS15-ID PIR Occupancy Sensor

- For use in small offices, conference rooms, class rooms, stock rooms, lounges, restrooms, warehouses and commercial areas
- Exclusive automatic "Walk-Through" sensing increases energy savings by shutting lights within 2 1/2 minutes after momentary occupancy

- Delayed OFF-time interval (5, 10 and 20 minutes) compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching—with 30-second test mode

##### ODSOD-ID Dual-Relay PIR Occupancy Sensor

- Ideal for classrooms, multimedia and conference rooms, day care centers, office, and lounges
- Exclusive automatic "Walk-Through" sensing
- Provides automatic switching for 2 separate banks of fluorescent, incandescent, or low-voltage lighting from a single unit
- Delayed OFF-time interval (5, 10 and 20 minutes) compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching—with 30-second test mode

##### ODS10-ID PIR Occupancy Sensor

- For use in enclosed offices, storage rooms, copier rooms and closets
- Delayed-off time settings: 10, 20 and 30 minutes with 30-second test mode

#### TESTING & CODE COMPLIANCE

- UL Listed (File #E-118904)
- Cat. No. ODSOD-ID is CUL/US Certified
- CSA Certified (File #LR-91148M)
- NOM Certified (#057)
- Conforms to California Title 24 Energy Code
- Backed by a Limited Five-Year Warranty

#### \*COLOR

Colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-G), Almond (-A), Light Almond (-T).

#### MATERIAL CHARACTERISTICS

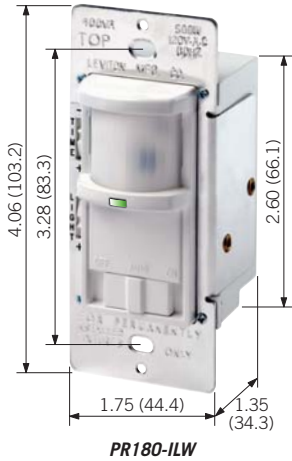
Operating Temperature: 0°C to 50°C  
Storage Temperature: -10°C to 85°C  
Relative Humidity: 20% to 90% non-condensing





# DECORA® OCCUPANCY SENSOR LIGHTING CONTROLS • WALL SWITCH

## Commercial and Residential Grade Energy Management Products



### Wall Switch Occupancy Sensor Lighting Controls

#### COMMERCIAL GRADE

##### Decora Wall Switch Infrared Occupancy Sensor

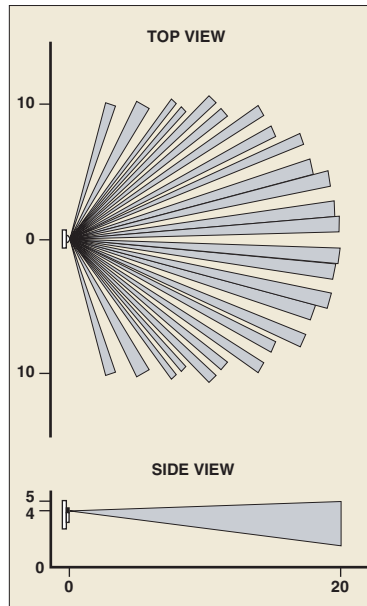
DESCRIPTION	CAT. NO.	RATING	COLOR*
Decora Wall Switch PIR Occupancy Sensor, Single-Pole & 3-Way, 180° field of view	<b>PR180-1L</b>	Incandescent: 500W, Fluorescent: 400VA Rapid Start Magnetic only @ 120V AC, Motor: 1/8 HP @ 120V AC	I, W, A

#### RESIDENTIAL GRADE

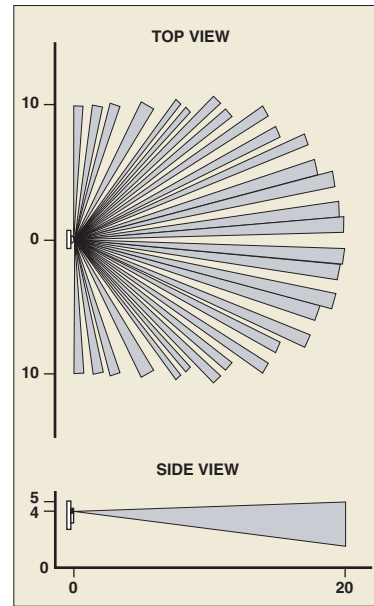
##### Decora Wall Switch Infrared Occupancy Sensor

DESCRIPTION	CAT. NO.	RATING	COLOR*
Decora Wall Switch PIR Occupancy Sensor, Single-Pole, 150° field of view	<b>PR150-1L</b>	Incandescent: 500W, Fluorescent: 400VA Rapid Start Magnetic only @ 120V AC, Motor: 1/8 HP @ 120V AC	I, W, A

Energy Management Products



PR150-1L Field of View



PR180-1L Field of View

#### SPECIFICATIONS AND FEATURES

- PR180 with 180° field of view, 400 sq. ft. of coverage: For use in large rooms, home offices, and a variety of light commercial and residential applications
- PR150 with 150° field of view, 350 sq. ft. of coverage: For use in residential applications
- Ambient light override prevents these devices from switching lights ON when there is ample natural sunlight
- Manual override for use as a standard ON/OFF switch
- Adjustable delayed OFF-time interval (15 seconds to 15 minutes)
- Fits in standard wallbox; gangable
- Elegant Decora styling; uses Decora wallplate

#### TESTING & CODE COMPLIANCE

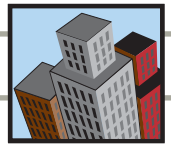
- UL Listed (File #E-118904)
- CSA Certified (File #LR-91148M)
- Conforms to California Title 24 Energy Code
- Backed by a Limited Two-Year Warranty

#### \*COLOR

Colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A).

#### MATERIAL CHARACTERISTICS

Operating Temperature: 0°C to 50°C  
Storage Temperature: -10°C to 85°C  
Relative Humidity: 20% to 90% non-condensing

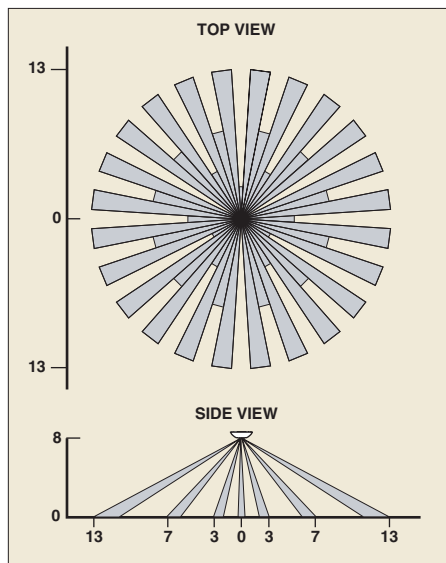
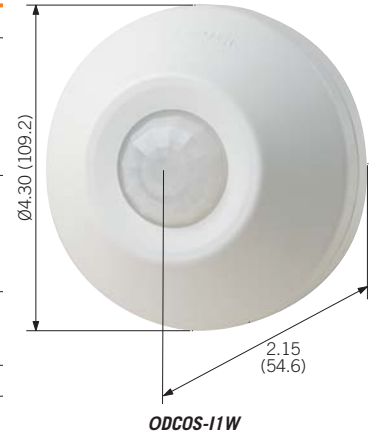


### Ceiling-Mount Occupancy Sensor Lighting Controls

PIR Occupancy Sensor with built-in relay—Separate Power Pack not required

#### Self-Contained Infrared Ceiling-Mount Occupancy Sensor

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay	<b>ODCOS-11W</b>	Incandescent: 1000W @ 120V. Fluorescent: 1000VA @ 120V. 1 HP @ 120V For 60Hz AC only	360°, 530 sq. ft	White
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay	<b>ODCOS-12W</b>	Incandescent: 1000W @ 220V. Fluorescent: 500VA @ 220V. For 50Hz AC only	360°, 530 sq. ft	White
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay	<b>ODCOS-17W</b>	Fluorescent: 2700VA @ 277V. For 60Hz AC only	360°, 530 sq. ft	White
Protective Cage	<b>ODCCG</b>	—	—	White



ODCOS-I Field of View (in feet)

#### SPECIFICATIONS AND FEATURES

- Ideal for use in storage areas, small bathrooms, copy rooms and a variety of small spaces without wall switches
- Full 360° view of a 530 sq. ft. area when surface mounted on standard, 8-foot ceiling
- Sensor and switching relay combined in a single self-contained unit—No control unit required
- Ambient light override option prevents lights from turning ON when there is ample natural light
- Adjustable Delayed-OFF time settings from 20 seconds (for test mode) to 15 minutes
- Small, unobtrusive self-contained unit: 4.3" (109.2 mm) diameter

#### TESTING & CODE COMPLIANCE

- UL Listed and CSA Certified
- California Title 24 compliant and meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty



# OCCUPANCY SENSOR LIGHTING CONTROLS • CEILING MOUNT

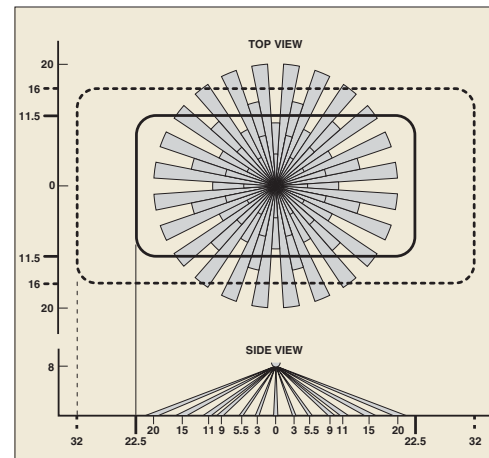
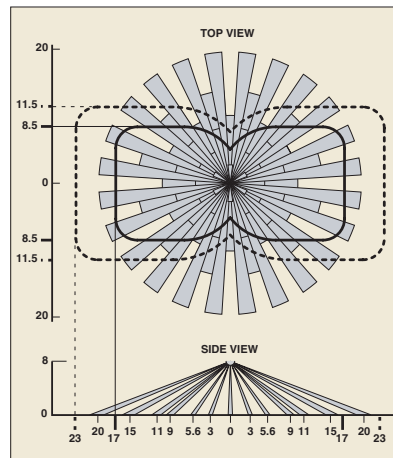
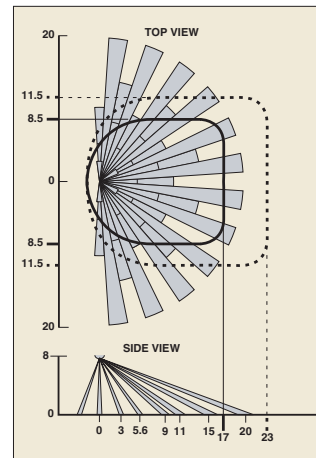
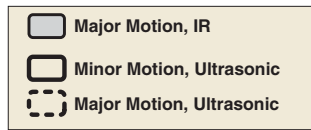
## Commercial Grade Energy Management Products

### Ceiling-Mount Occupancy Sensor Lighting Controls

**Multi-Technology Ceiling-Mount Occupancy Sensor** (UL, CE) (For use with Leviton Power Pack)\*  
 Advanced motion sensors combine infrared and ultrasonic technology for highly accurate monitoring without false triggering. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control.

DESCRIPTION	CAT. NO.	COVERAGE	OPERATING FREQUENCY	COLOR
Multi-Tech Ceiling-Mount Occupancy Sensor	<b>OSC05-MOW</b>	180°, 500 sq. ft	40kHz	White
Multi-Tech Ceiling-Mount Occupancy Sensor	<b>OSC10-MOW</b>	360°, 1000 sq. ft	40kHz	White
Multi-Tech Ceiling-Mount Occupancy Sensor	<b>OSC20-MOW</b>	360°, 2000 sq. ft	32kHz	White
Protective Cage for Ceiling-Mount Occupancy Sensors	<b>ODCCG-000</b>	—	—	White

\*Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OSP20 Power Pack or a Centura CN100 Power Pack (purchased separately). See page D11 for information on OSP20.



#### SPECIFICATIONS AND FEATURES

- Ideal for office areas with cubicles, general work space, classrooms, cafeterias and public areas in commercial facilities
- Ultrasonic sensing for maximum sensitivity combined with Passive Infrared (PIR) sensing to prevent false triggering from air conditioning and corridor activity
- Self-adjusting settings continuously analyze and adjust for optimum performance
- Ambient light override prevents lights from turning ON when there is ample natural light
- Manual Delayed-OFF time settings of 30 seconds to 30 minutes
- Self-Adjusting Delayed-OFF time interval settings for 30 seconds to 30 minutes — Compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- Non-volatile memory preserves all automatic and manual settings during power outages
- Choice of coverage patterns to suit a variety of applications
- Small, unobtrusive size blends in with any décor
- Fast, simple installation using 4 color-coded low-voltage wires and a single mounting post
- Compatible with Wiremold® surface raceways for mounting to hard ceilings

#### TESTING & CODE COMPLIANCE

- CUL/US, FCC and NOM Certified
- California Title 24 compliant and meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty



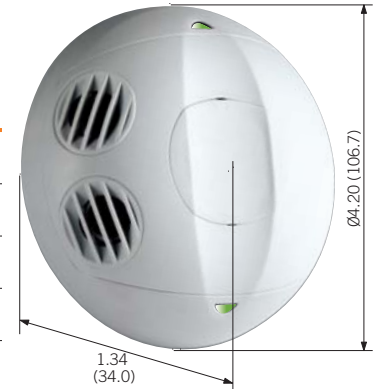
### Ceiling-Mount Occupancy Sensor Lighting Controls

#### Ultrasonic Ceiling-Mount Occupancy Sensor (For use with Leviton Power Pack)\*

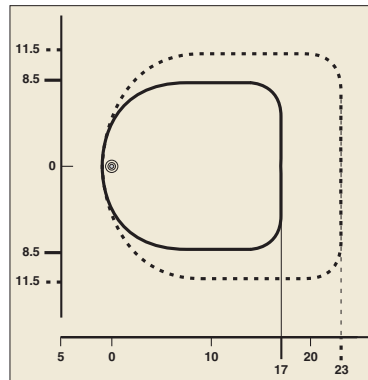
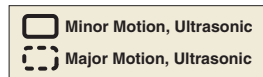
Advanced Ultrasonic sensing technology for highly accurate monitoring with excellent immunity to air currents and other interference. All-digital self-adjusting technology provides “Install and Forget” solution for automatic lighting control.

DESCRIPTION	CAT. NO.	COVERAGE	OPERATING FREQUENCY	COLOR
Ultrasonic Ceiling-Mount Occupancy Sensor	<b>OSC05-UOW</b>	180°, 500 sq. ft	40kHz	White
Ultrasonic Ceiling-Mount Occupancy Sensor	<b>OSC10-UOW</b>	180°, 1000 sq. ft	40kHz	White
Ultrasonic Ceiling-Mount Occupancy Sensor	<b>OSC20-UOW</b>	360°, 2000 sq. ft	32kHz	White
Protective Cage for Ceiling-Mount Occupancy Sensors	<b>ODCCG-000</b>	—	—	White

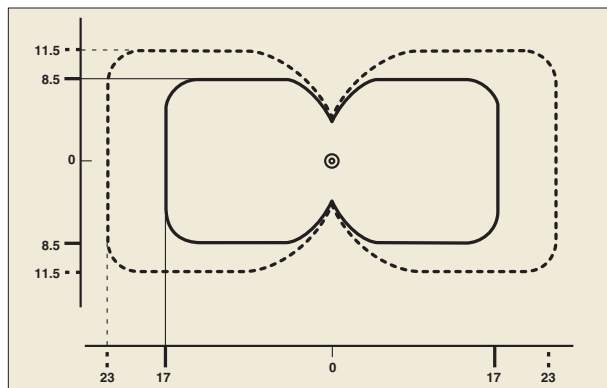
\*Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OSP20 Power Pack or a Centura CN100 Power Pack (purchased separately). See page D11 for information on OSP20.



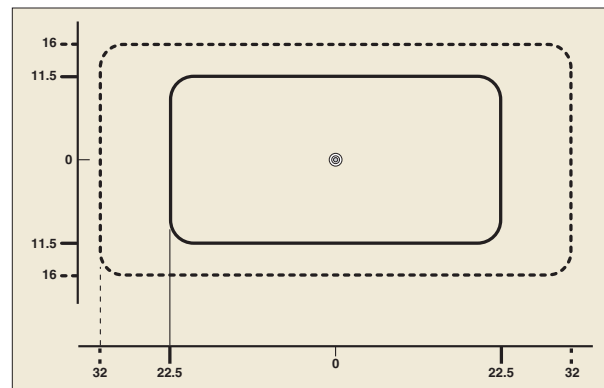
**OSC05-UOW**



**OSC05-UOW Field of View (in feet)**



**OSC10-UOW Field of View**



**OSC20-UOW Field of View**

#### SPECIFICATIONS AND FEATURES

- Ideal for restrooms, office areas with cubicles, general work space, warehouse and storage facilities, cafeterias and public areas in commercial facilities
- Ultrasonic sensing for maximum range and sensitivity combined with high immunity to false triggering from air currents and other interference
- Self-adjusting settings continuously analyze and adjust for optimum performance
- Ambient light override prevents lights from turning ON when there is ample natural light
- Manual Delayed-OFF time settings of 30 seconds to 30 minutes
- Self-Adjusting Delayed-OFF time interval settings for 30 seconds to 30 minutes — Compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching

- Non-volatile memory preserves all automatic and manual settings during power outages
- Choice of coverage patterns to suit a variety of applications
- Small, unobtrusive size blends in with any décor
- Fast, simple installation using 4 color-coded low-voltage wires and a single mounting post

#### TESTING & CODE COMPLIANCE

- CUL/US Certified
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty





# OCCUPANCY SENSOR LIGHTING CONTROLS • CEILING MOUNT

## Commercial Grade Energy Management Products

### Ceiling-Mount Occupancy Sensor Lighting Controls

#### Infrared Ceiling-Mount Occupancy Sensor <sup>UL</sup> <sup>CS</sup> (For use with Leviton Power Pack)\*

Advanced Passive Infrared technology for highly accurate monitoring in a variety of commercial applications. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control.

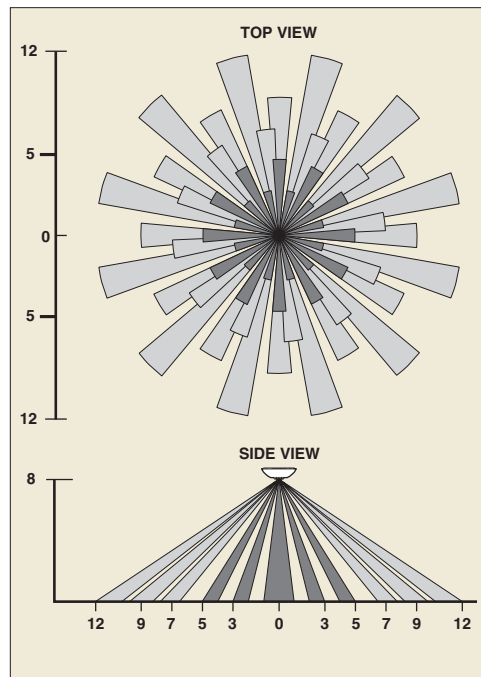


OSC04-IOW

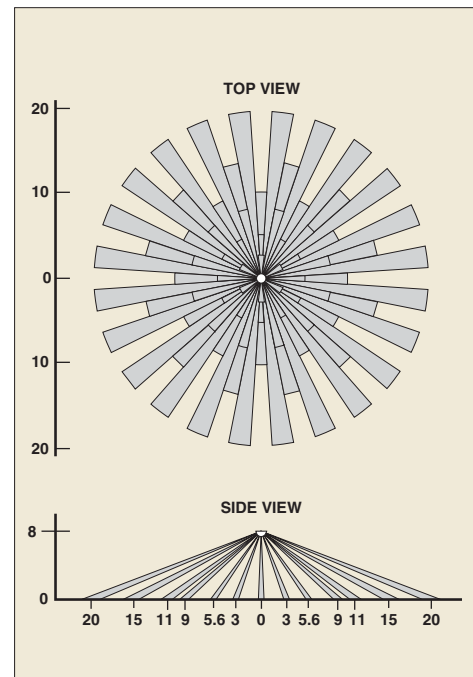
DESCRIPTION	CAT. NO.	RATING	COLOR
Infrared Ceiling-Mount Occupancy Sensor	OSC04-IOW	360°, 450 sq. ft	White
Infrared Ceiling-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	OSC15-IOW	360°, 1500 sq. ft	White
Protective Cage for Ceiling-Mount Occupancy Sensors	ODCCG-000	—	White

\*Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OSP20 Power Pack or a Centura CN100 Power Pack (purchased separately). See page D11 for information on OSP20.

- Minor Motion, IR
- Major Motion, IR



OSC04-IOW Field of View (in feet)



OSC15-IOW Field of View

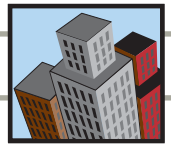
#### SPECIFICATIONS AND FEATURES

- Ideal for use in small offices, closets, open offices, and other areas in commercial facilities with unobstructed view of the sensor
- Self-adjusting settings continuously analyze and adjust for optimum performance
- Ambient light override prevents lights from turning ON when there is ample natural light
- Manual Delayed-OFF time settings of 30 seconds to 30 minutes
- Self-Adjusting Delayed-OFF time interval settings for 30 seconds to 30 minutes — Compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching

- Non-volatile memory preserves all automatic and manual settings during power outages
- Small, unobtrusive size blends in with any décor
- Fast, simple installation using 4 color-coded low-voltage wires and a single mounting post

#### TESTING & CODE COMPLIANCE

- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty



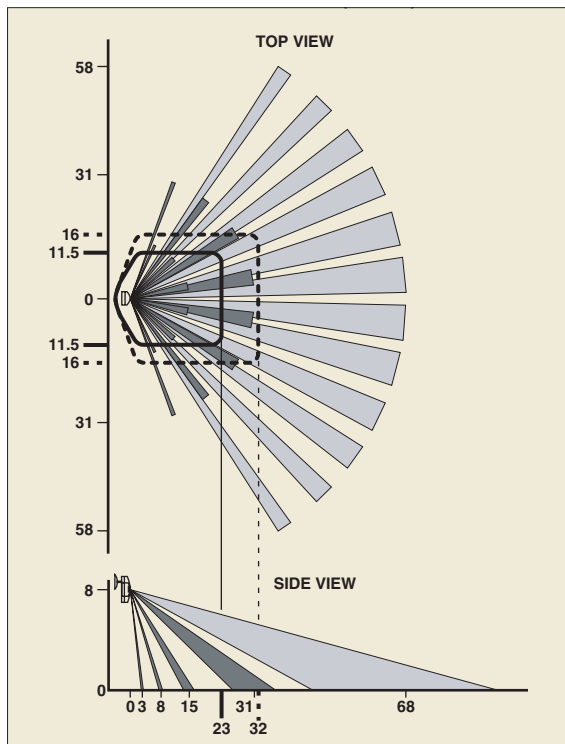
### Wall-Mount Occupancy Sensor Lighting Controls

#### Multi-Technology Wall-Mount Occupancy Sensor (For use with Leviton Power Pack)\*

Advanced motion sensors combine infrared and ultrasonic technology for highly accurate monitoring without false triggering. All-digital self-adjusting technology provides “Install and Forget” solution for automatic lighting control.

DESCRIPTION	CAT. NO.	COVERAGE	OPERATING FREQUENCY	COLOR
Multi-Tech Wall-Mount Occupancy Sensor	OSW12-MOW	115°, 1200 sq. ft	32kHz	White

\*Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OSP20 Power Pack or a Centura CN100 Power Pack (purchased separately). See page D11 for information on OSP20.



OSW12-MOW Field of View (in feet)

#### SPECIFICATIONS AND FEATURES

- Ideal for conference rooms, stair-wells, high-ceiling rooms, open areas, storage rooms and classrooms. Also ideal for corner mounting in a variety of applications.
- Ultrasonic sensing for maximum sensitivity combined with Passive Infrared (PIR) sensing to prevent false triggering from air conditioning and corridor activity
- Adjustable swivel neck rotates 80° vertically and 60° horizontally— Can be used for ceiling or wall mounting
- Self-adjusting settings continuously analyze and adjust for optimum performance
- Ambient light override prevents lights from turning ON when there is ample natural light

- Manual Delayed-OFF time settings of 30 seconds to 30 minutes
- Self-Adjusting Delayed-OFF time interval settings for 30 seconds to 30 minutes — Compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- Non-volatile memory preserves all automatic and manual settings during power outages
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post

#### TESTING & CODE COMPLIANCE

- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty



# OCCUPANCY SENSOR LIGHTING CONTROLS • WALL MOUNT

## Commercial Grade Energy Management Products

### Wall-Mount Occupancy Sensor Lighting Controls

#### Infrared Wide View, High-Bay and Long-Range Wall-Mount Occupancy Sensor

(For use with Leviton Power Pack)\*

Advanced Passive Infrared technology for highly accurate monitoring in a variety of commercial applications. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control.



OSWWV-IOW

DESCRIPTION	CAT. NO.	COVERAGE	COLOR
Infrared Wide-View Wall-Mount Occupancy Sensor	OSWWV-IOW	115°, 2500 sq. ft	White
Infrared High-Bay Wall-Mount Occupancy Sensor	OSWHB-IOW	55 ft., 7 ft. wide @ 30 ft. high	White
Infrared Long-Range Wall-Mount Occupancy Sensor	OSWLR-IOW	100 ft., 110° @ 10 ft. high	White

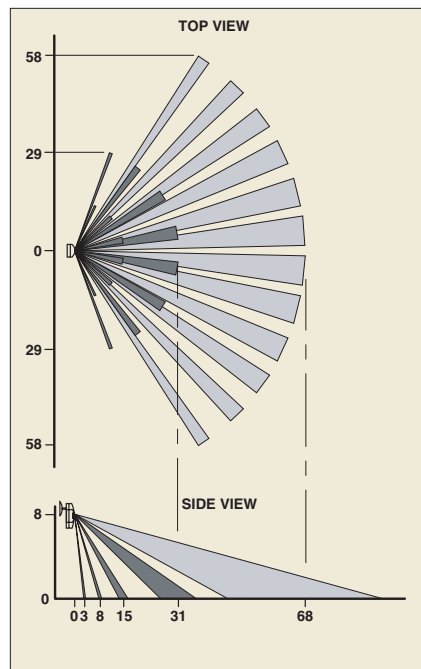
\*Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OSP20 Power Pack or a Centura CN100 Power Pack (purchased separately). See page D11 for information on OSP20.

#### SPECIFICATIONS AND FEATURES

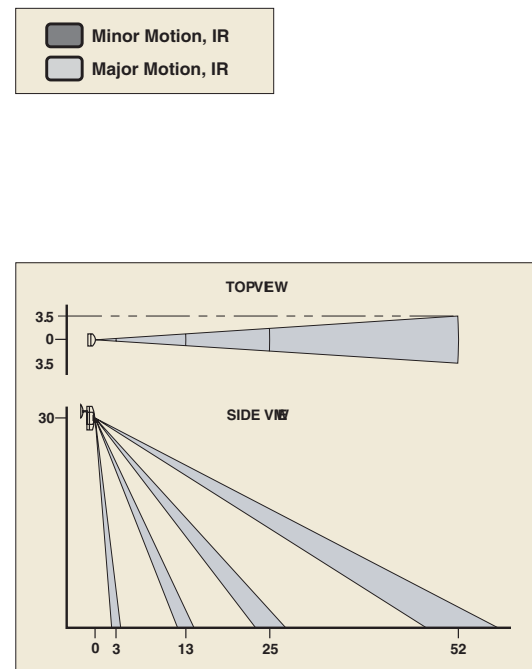
- OSWWV-I: Ideal for conference rooms, stair-wells, high-ceiling rooms, large open areas, parking garages, storage rooms and rooms with pendant fixtures. Also ideal for corner mounting in a variety of applications.
- OSWHB-I and OSWLR-I: Ideal for monitoring long, narrow spaces such as warehouse aisles, hallways, stairways, any narrow room, closets and storage areas. Also ideal for corner mounting in a variety of applications.
- Self-adjusting settings continuously analyze and adjust for optimum performance
- Ambient light override prevents lights from turning ON when there is ample natural light
- Adjustable swivel neck rotates 80° vertically and 60° horizontally—Can be used for ceiling or wall mounting
- Manual Delayed-OFF time settings of 30 seconds to 30 minutes
- Self-Adjusting Delayed-OFF time interval settings for 30 seconds to 30 minutes — Compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- Non-volatile memory preserves all automatic and manual settings during power outages
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post

#### TESTING & CODE COMPLIANCE

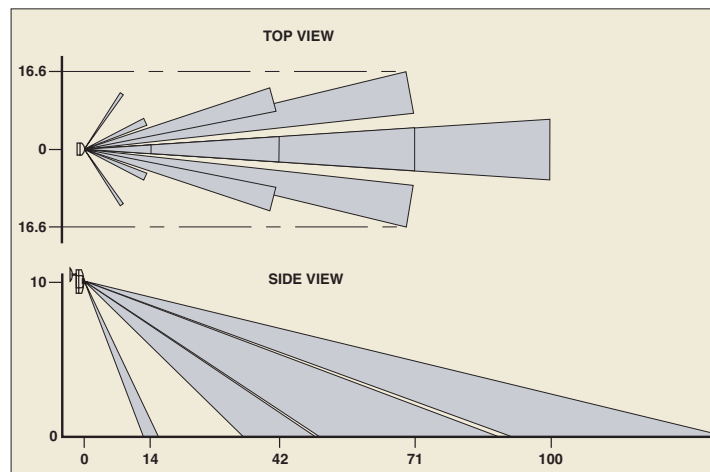
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty



OSWWV Field of View (in feet)



OSWHB Field of View



OSWLR Field of View

# OCCUPANCY SENSOR POWER PACKS

## Commercial Grade Energy Management Products



### Occupancy Sensor Power Packs

Power packs provide power for occupancy sensors as well as load switching circuitry. A Leviton Power Pack is required with any low voltage occupancy sensor. Add-A-Relay units can be used to expand control capability.

#### Power Packs and Accessories (For use with Leviton Occupancy Sensors on pages D6–D10)

DESCRIPTION	CAT. NO.	POWER INPUT	RELAY RATING	CONTROL INPUT	POWER SUPPLY OUTPUT
Power Pack	<b>OSP20-0D0</b>	120/220/ 277VAC, 60Hz	20A fluorescent/ incandescent @ 120V, 20A fluor. @ 277V; 1HP @120V, 2HP @ 240V	5mA, 24VDC	150mA, 24VDC
Power Pack with HVAC relay	<b>OSP20-RD0</b>	120/220/ 277VAC, 60Hz	20A fluorescent/ incandescent @ 120V, 20A fluor. @ 277V; 1HP @ 120V, 2HP @ 240V; HVAC: 0.5A @ 125VAC, 1A @ 30VDC	5mA, 24VDC	150mA, 24VDC
Power Pack with HVAC relay	<b>OSP15-R30</b>	347VAC, 60Hz	15A fluorescent @ 347V; 1HP @ 120V, 2HP @ 240V; HVAC: 0.5A @ 125VAC, 1A @ 30VDC	5mA, 24VDC	120mA, 24VDC
Add-A-Relay Unit with HVAC relay	<b>OSA20-R00</b>	—	15A incandescent @120V, 20A fluorescent @120V, 20A fluor. @ 277V, 15A fluor. @ 347V; HVAC: 0.5A @ 125VAC, 1A @ 30VDC	5mA, 24VDC	—
Low-Voltage Nipple Adapter with 1/2" Lock Nut for Power Pack and Add-A-Relay units	<b>OSPNA-000</b>	—	—	—	—



OSP20-RD0

### Power Pack Capacity Formula

Leviton power packs can be used to provide power to one or more occupancy sensors. Since current consumptions of occupancy sensors may vary, the best way to ensure you order the correct number of power packs and Add-A-Relays is by using this formula:

$$\begin{array}{|c|} \hline \text{Number of} \\ \text{Model A sensors} \\ \hline \times \\ \hline \text{Sensor A current} \\ \text{consumption rating} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Number of} \\ \text{Model B sensors} \\ \hline \times \\ \hline \text{Sensor B current} \\ \text{consumption rating...} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Number of} \\ \text{Add-A-Relays} \\ \hline \times \\ \hline 50\text{mA} \\ \hline \end{array} \leq 150\text{mA per power pack}$$

SENSOR	CURRENT CONSUMPTION
OSC04-I, OSC15-I, OSWHB-I, OSWLR-I, OSWWV-I	20mA
OSC05-M, OSC05-U, OSW12-M	30mA
OSC20-M, OSC20-U	32mA
OSC10-M, OSC10-U	40mA
OSA20-R00 Add-A-Relay	50mA

#### SPECIFICATIONS AND FEATURES

##### Power Pack

- For use with all OS Series occupancy sensors
- Power supply for OS Series occupancy sensors
- Switches incandescent, magnetic and electronic fluorescent, magnetic and electronic low voltage, and motor loads
- Compact size and light weight allows easy mounting through knockout in junction box (from either inside or outside the box) with a simple twist-on nut

##### Add-A-Relay

- Expands power pack load capacity by functioning as a supplementary relay
- Provides ability to switch loads in different voltage systems

- Compatible with electronic ballasts
- Same compact size and mounting features as Power Pack

##### Nipple Adapter

- Simplifies the connection of occupancy sensor to the low-voltage side of a power pack mounted inside a fluorescent ballast cavity
- 1/2" conduit lock nut included

#### TESTING & CODE COMPLIANCE

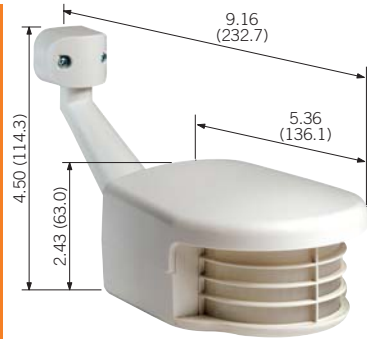
- cULus, FCC and NOM Certified
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty





# OCCUPANCY SENSOR LIGHTING CONTROLS • OUTDOOR

## Commercial and Residential Grade Energy Management Products



PS200

### Outdoor Motion Sensors

Passive Infrared (PIR) outdoor motion sensors provide outstanding value in security lighting, convenience, safety and energy savings for a wide range of commercial and residential applications.

#### COMMERCIAL GRADE

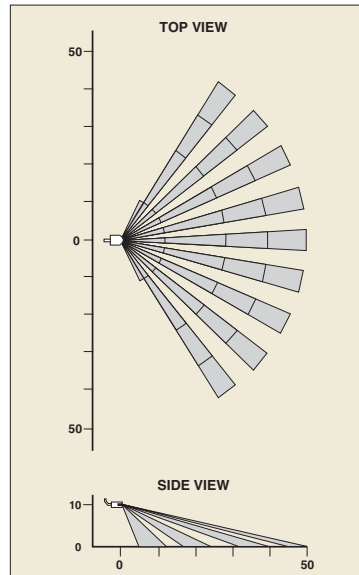
##### Professional Series Infrared Outdoor Occupancy Sensor

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR
Professional Series Outdoor PIR Motion Sensor	PS200-10	Incandescent: 1000W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	200°	White
Professional Series Outdoor PIR Motion Sensor with Dual Floodlights	PS200-1F	Incandescent: 1000W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	200°	White
Professional Series Outdoor PIR Motion Sensor	PS110-10	Incandescent: 1000W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	110°	White
Professional Series Outdoor PIR Motion Sensor with Dual Floodlights	PS110-1F	Incandescent: 1000W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	110°	White

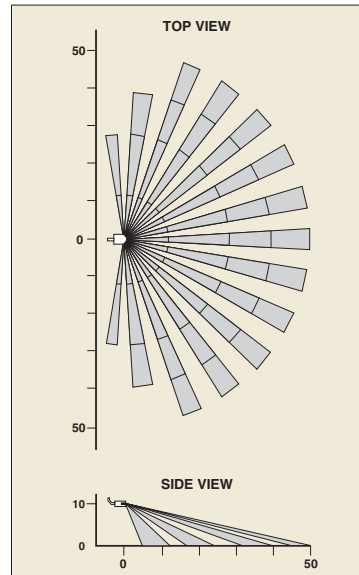
#### RESIDENTIAL GRADE

##### Residential Series Infrared Outdoor Occupancy Sensor

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR
Residential Series Outdoor PIR Motion Sensor	RS110-10	Incandescent: 500W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	110°	White
Residential Series Outdoor PIR Motion Sensor with Dual Floodlights	RS110-1F	Incandescent: 500W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only.	110°	White



PS110/RS110 Field of View (in feet)



PS200 Field of View

#### SPECIFICATIONS AND FEATURES

##### Professional Series

- Ideal for a wide range of commercial/industrial settings including parking areas, storage facilities, warehouses, loading docks, marina, garages, walkways, campus grounds, meat lockers, walk-in refrigerators/freezers and outbuildings
- Adjustable Delayed-OFF time settings from 20 seconds (for test mode) to 15 minutes
- Adjustable sensitivity and immunity to RFI signals reduces false triggers
- Ambient light override prevents lights from turning ON when there is ample natural light
- Provides Automatic, Test and Continuous Modes—Test mode simulates automatic operation with short delayed-OFF time for ease of making adjustments. Continuous mode enables manual override for

constant "lights ON" operation (when used with standard ON/OFF switch)

- Surge suppression minimizes likelihood of damage due to electrical surges
- Temperature compensation feature ensures uniform performance in extreme hot or cold weather and during temperature fluctuations
- Sensor neck adjustment allows accurate area monitoring: 110° vertical, 180° horizontal, 110° rotational

##### Residential Series

- Ideal for a wide range of residential settings including backyards, garages, entranceways, porches, swimming pool areas, doorways and private docks
- Sensor neck adjustment allows accurate area monitoring: 110° vertical, 180° horizontal, 110° rotational
- Adjustable Delayed-OFF time settings from 20 seconds (for test mode) to 15 minutes

- Adjustable sensitivity reduces false triggers
- Provides Automatic, Test and Continuous Modes—Test mode simulates automatic operation with short delayed-OFF time for ease of making adjustments. Continuous mode enables manual override for constant "lights ON" operation (when used with standard ON/OFF switch)

#### TESTING & CODE COMPLIANCE

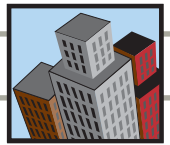
- UL Listed
- CSA Certified

#### MATERIAL CHARACTERISTICS

- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty

# FLUORESCENT ENERGY MANAGEMENT SYSTEMS

## Commercial Grade Energy Management Products



### Centura® Fluorescent Energy Management System

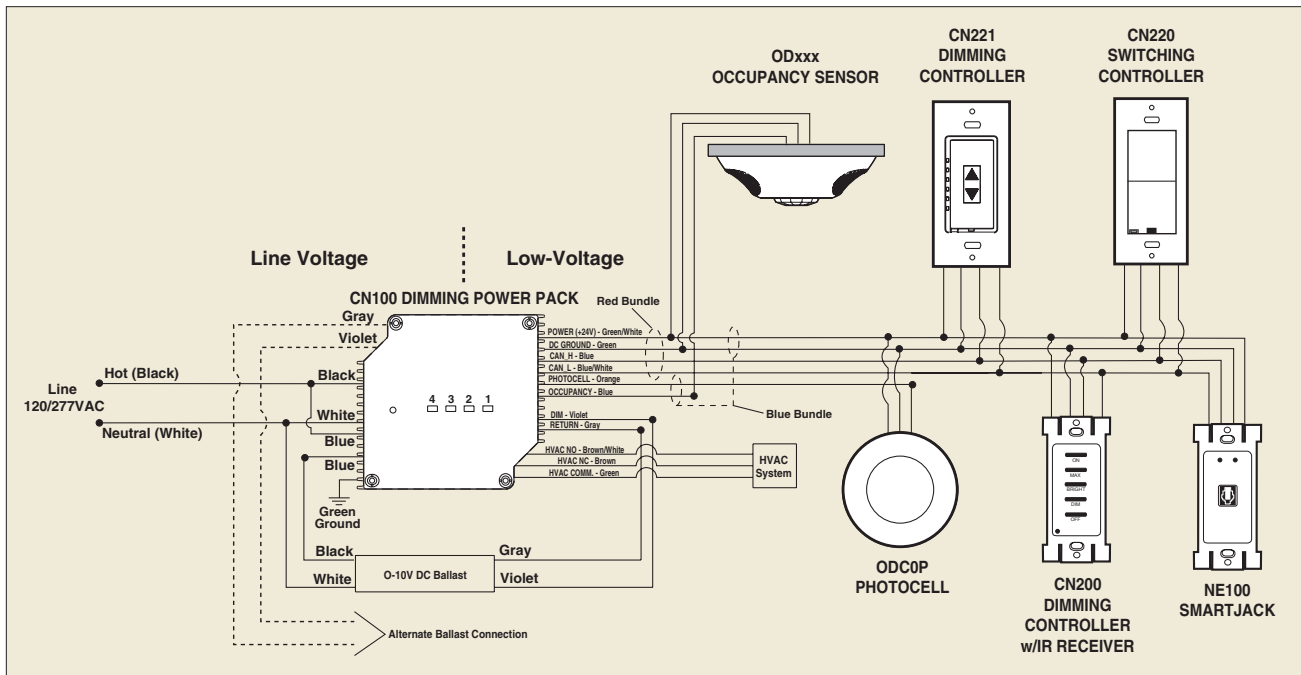
Centura combines the technology of “daylight harvesting” with a host of innovative energy-efficient modular lighting controls, including dimmers, timers, occupancy sensors and photo-sensors that dim or turn off fluorescent lighting when a space is not being used. Centura incorporates the ability to interface with Leviton occupancy sensors to provide even greater energy savings. When single or multiple occupancy sensors are installed, programmed interior lighting is automatically turned OFF when the room is vacant and back ON to the programmed level when occupancy is detected. The use of movement sensors means energy savings up to a proven 50%.



### Leviton Occupancy Sensors Compatible with Centura System

DESCRIPTION	CAT. NO.	COVERAGE	PAGE NO.
Multi-tech Ceiling Sensor	OSC05-MOW	180°, 500 sq. ft.	D6
Multi-tech Ceiling Sensor	OSC10-MOW	360°, 1000 sq. ft.	D6
Multi-tech Ceiling Sensor	OSC20-MOW	360°, 2000 sq. ft.	D6
Ultrasonic Ceiling Sensor	OSC05-UOW	180°, 500 sq. ft.	D7
Ultrasonic Ceiling Sensor	OSC10-UOW	360°, 1000 sq. ft.	D7
Ultrasonic Ceiling Sensor	OSC20-UOW	360°, 2000 sq. ft.	D7
PIR Ceiling Sensor	OSC04-IOW	360°, 450 sq. ft.	D8
PIR Ceiling Sensor	OSC15-IOW	360°, 1500 sq. ft.	D8
Multi-tech Wall Sensor	OSW12-MOW	115°, 1200 sq. ft.	D9
PIR Wide-View Sensor	OSWV-IOW	115°, 2500 sq. ft.	D10
PIR Long Range Sensor	OSWLR-IOW	100 ft. @ 10 ft. high	D10
PIR High-Bay Sensor	OSWHB-IOW	55 ft., 7 ft. wide @ 30 ft. high	D10

Note: The Leviton Occupancy Sensors listed can be powered by the Centura Dimming Power Pack—Use of a separate Occupancy Sensor Power Pack is not required.



System Wiring Diagram

For more information on the Centura® Fluorescent Energy Management System, visit Leviton's website at [www.leviton.com/centura](http://www.leviton.com/centura)

For answers to technical questions, call Leviton's Techline at 1-800-824-3005





# FLUORESCENT ENERGY MANAGEMENT SYSTEMS

## Commercial Grade Energy Management Products

Energy Management Products

### Centura® Fluorescent Energy Management System

Leviton's Centura, a modular lighting control system for dimming fluorescent ballasts (Advance Mark 7™, OSRAM Sylvania Quicktronic® Helios™ and Energy Savings SuperDim™), brings increased energy savings to commercial spaces. Using a technique known as "daylight harvesting," Centura factors in the available daylight for the precise control of fluorescent light levels to achieve optimum comfort and energy efficiency.

#### Centura Fluorescent Energy Management System

DESCRIPTION	CAT. NO.	RATING	COLOR
Centura Dimming Power Pack—ON/OFF and DIM/BRIGHT control of 0-10VDC dimming fluorescent ballasts. Responds to Wall Controller, Occupancy Sensor and Photocell input and provides +24 VDC power supply for these devices. Programmed via Wall Controller or via Leviton Personal Dimmer software from a PC. Secondary relay sends control signals to HVAC system. LEDs indicate operation mode	<b>CN100-0D0</b>	2400VA @ 120V AC 60Hz, 5500VA @ 277V AC 60Hz. For use with Advance Mark 7™ 0-10VDC, OSRAM Sylvania Quicktronic® Helios™, Energy Savings SuperDim™ and comparable ballasts only	Gray Metallic
Centura Dimming Controller with Infrared Receiver—Decora-style 5-button unit for ON/OFF, DIM/BRIGHT and MAX override. Built-in IR receiver for use with Centura NE200-00E Hand-Held Remote. Programs energy management functions	<b>CN200-00C</b>	No load rating, for use with Centura Dimming Power Pack only	White (Ivory color change kit included)
Centura Hand-Held Remote Controller Infrared—Remote provides convenient ON/OFF, DIM/BRIGHT control presets and programming. Designed for use with Centura CN200	<b>NE200-00E</b>	No load rating, for use with Centura CN200 Controller only	Black
Centura Switching Controller—Decora-style rocker for ON/OFF switching	<b>CN220-00C</b>	No load rating	White (Ivory color change kit included)
Centura Dimming Controller—Decora-style rocker for ON/OFF switching with built-in arrow-shaped rocker for DIM/BRIGHT control. LED display indicates selected brightness level. Programs energy management functions—back of wallplate provides instruction label that lines up with LEDs to facilitate programming	<b>CN221-00C</b>	No load rating, for use with Centura Dimming Power Pack only	White (Ivory color change kit included)
Centura Photocell—Detects available light levels for "Daylight Harvesting." Allows Centura system to maintain a programmed light level by constantly adjusting fluorescent light output to compensate for changes in available daylight	<b>ODCOP</b>	No load rating, for use with Centura Dimming Power Pack only. 0-70 foot candles	White
Centura Lcnet SmartJack—Includes a cable for connecting the SmartJack to a PC and a mini-CD containing server, administrator and user software. For the latest software upgrades, check Leviton's website at <a href="http://leviton.com/centura">leviton.com/centura</a>	<b>NE100-00C</b>	No load rating, for use with Centura Power Pack	White (Ivory color change kits included)

For more information on the Centura® Fluorescent Energy Management System, visit Leviton's website at [www.leviton.com/centura](http://www.leviton.com/centura)

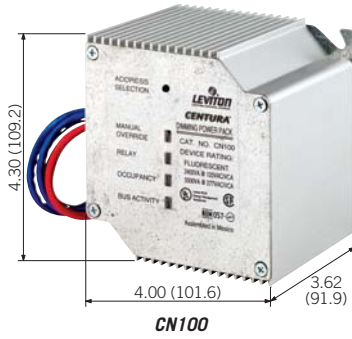
#### SPECIFICATIONS AND FEATURES

- Ideal for commercial spaces and individual offices
- Reduces eyestrain and fatigue from glare, increasing comfort and productivity
- All functions conveniently accessed through Controllers or via Leviton Personal Dimmer software from a PC
- Dimming Power Pack provides low-voltage power supply for Controllers, Photocell and Occupancy Sensors
- Photocell provides energy savings through Daylight Harvesting technology
- Use with Leviton Occupancy Sensors for increased energy savings: Lights turn ON automatically to programmed levels when personnel enter area; OFF automatically when area becomes vacant

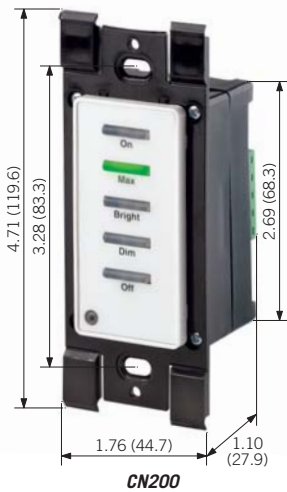
- Modular system design expands energy saving options with an interface for building emergency systems, load shedding programs and time clock systems
- Dimming Power Pack mounts in standard 4" square back box. Dimming and Switching Controllers mount in standard single-gang switch box

#### TESTING & CODE COMPLIANCE

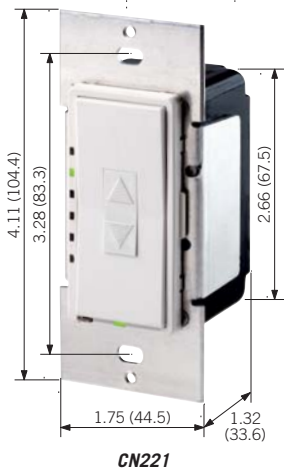
- Agency approvals for all Centura components are UL, CSA, NOM, FCC, and California Title 24 (where applicable) except for the hand-held remote controller
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Two-Year Warranty (except photocell: Backed by a Limited Five-Year Warranty)



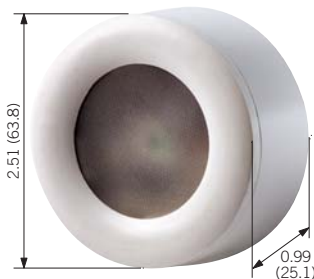
**CN100**



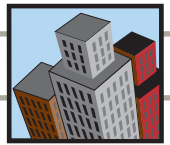
**CN200**



**CN221**



**ODCOP**



**Decora Plus Electronic Timer Switches**

Leviton Timers add contemporary styling to any commercial or residential application. Built to the highest performance standards, Decora Electronic Timers provide long-lasting trouble-free service life.

Four Preset buttons plus an OFF button permit timed control of lights and appliances. Decora Plus Timers are ideal for heat lamps, foyer and outdoor lights, hot tubs, spas, attic and exhaust fans. LEDs indicate elapsed time and flash “Two Minutes Until OFF” warning.

**COMMERCIAL GRADE**

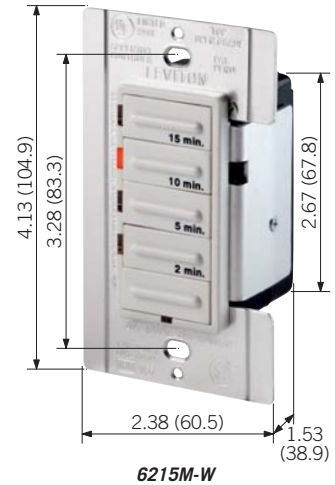
**Electronic Timer Switches 120V AC 60Hz**

DESCRIPTION	CAT. NO.	INTERVAL	COLOR*
Four Preset Buttons and OFF	<b>6215M</b>	2-5-10-15 Minutes	I, W, A
3-Wire, Single-Pole (Neutral Required)	<b>6230M</b>	5-10-15-30 Minutes	I, W, A
1000W Incandescent, 20A Inductive	<b>6260M</b>	10-20-30-60 Minutes	I, W, A
1 HP @ 120V. Compatible with electronic ballasts	<b>6212H</b>	2-4-8-12 Hours	I, W, A

**RESIDENTIAL GRADE**

**Electronic Timer Switches 120V AC 60Hz**

DESCRIPTION	CAT. NO.	INTERVAL	COLOR*
Four Preset Buttons and OFF	<b>6515M</b>	2-5-10-15 Minutes	I, W, A
2-Wire, Single-Pole	<b>6560M</b>	10-20-30-60 Minutes	I, W, A
600W Incandescent Only	<b>6512H</b>	2-4-8-12 Hours	I, W, A



**SPECIFICATIONS AND FEATURES**

- Electronic Timer Switch has four preset buttons plus OFF for timed control of lights and appliances
- Electronic Timer Switch LEDs indicate time elapsed and last LED flashes two minutes until OFF warning
- All install easily in single gang wallbox in place of standard switch
- Electronic keypad control
- Matching Decora wallplate included

**\*COLOR**

Colors available as listed. For color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A).

**MATERIAL CHARACTERISTICS**

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F

**TESTING & CODE COMPLIANCE**

- UL Listed (File #E-66800)
- CSA Certified (File #LR-68679)
- NOM Certified (#057)
- Meets ASHRAE Standard 90.1 requirements
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section E.

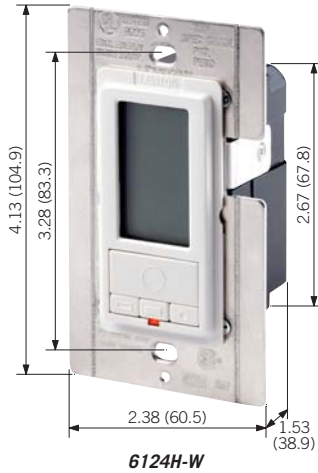




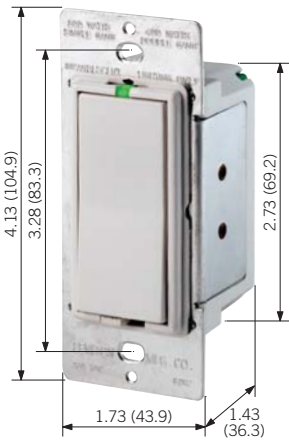
# DECORA® ELECTRONIC TIMER SWITCHES • 500–1200 WATTS

## Commercial and Residential Grade Energy Management Products

Energy Management Products



6124H-W



6651-W

### Decora Programmable Electronic Timer Switches

#### COMMERCIAL GRADE

##### 24-Hour Programmable Electronic Timer Switch 120V AC 60Hz

DESCRIPTION	CAT. NO.	INTERVAL	COLOR*
24-Hour LCD Programmable Timer Switch—1200W Incandescent, 1200VA Inductive @ 120V AC 60Hz Motor: 1 HP @ 120V AC 60Hz UL, 3/4 HP @ 120V AC 60Hz CSA Neutral Connection Required Compatible with electronic ballasts	6124H	24-Hour ON/OFF scheduling in 30 minute intervals	I, W, A

#### RESIDENTIAL GRADE

##### 14-Hour Programmable Electronic Timer Switch 120V AC 60Hz

DESCRIPTION	CAT. NO.	INTERVAL	COLOR
14-Hour Segment Programmable Timer Switch—40W min, 500W max. @ 120V AC 60Hz, Incandescent only Neutral Not Required	6651	14-Hour ON/OFF scheduling in hourly intervals	I, W, A

##### Variable Countdown Timer Switch 120V AC 60Hz

DESCRIPTION	CAT. NO.	INTERVAL	COLOR
Decora Style Rotary-Dial Variable Countdown Timer Switch—600W Incandescent, 20A Inductive Motor: 1 HP @ 120 AC 60Hz Neutral Connection Required	6652	1 minute to 18 hours	I, W, A

#### SPECIFICATIONS AND FEATURES

##### 24-Hour Programmable Timer

- Ideal for a wide variety of commercial and residential applications including outdoor lighting, pools, motors, sprinklers, exhaust and attic fans, bathroom heat lamps, hot tubs and spas, whole-house exhaust fan scheduling, office lights, janitor closets, landscape and security lighting
- Permits separate ON or OFF scheduling for half-hour periods of the day; ON/OFF manual control available by using button below display panel
- Decora styling enhances any interior (NOTE: 6124H cannot be used with Decora Plus Screwless Snap-On Wallplates)

##### 14-Hour Programmable Timer

- Ideal for residential incandescent lighting control including indoor, outdoor and seasonal lighting
- “Set-it-and-forget convenience” provides automatic daily control with manual override
- Automates daily switching program (up to 14 hours) by responding to DIP switch ON or OFF position for each hour; repeats until function switch is moved to Manual or OFF mode

##### Countdown Timer Switch

- For residential and light commercial applications including indoor and outdoor lighting, office lights and ceiling paddle fans
- Simple rotary-dial time selection of settings from 1 minute to 18 hours: ON/OFF manual control available
- An illuminated LED indicates load is ON. Blinking LED accompanied by annunciator sound indicates end of time cycle

#### TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-68679)
- Backed by a Limited Two-Year warranty

#### \*COLOR

Colors available as listed. For color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), and Almond (-A).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: 32°F to 130°F



### Z-MAX™ Relay Cabinets

Z-MAX Relay Cabinets provide complex scheduling of lighting and other loads in commercial and residential applications where a time clock would typically be used in conjunction with switching contactors. Z-MAX relay cabinets are ideal for cafeterias, auditoriums, offices, parking facilities, gymnasiums, pools, educational facilities, and landscape and security lighting. Unique to Z-MAX is the standard relay card's proprietary circuitry that eliminates arc shower pitting at the contacts for extended relay life. The stand-alone cabinets presented here are best suited to advanced scheduling of a single area (networked 8-relay cabinets are also available). The Z-MAX line features a wide range of accessories, including digital and low-voltage switch stations.

#### 8-Relay Stand-Alone Z-MAX Cabinets

With 8 switch inputs and 20A output relays

DESCRIPTION	CAT. NO.	INPUT POWER	COLOR
Standard 8-Relay Cabinet (no relays)	<b>R08BD-000</b>	120, 277, 347V	Blue
8-Relay Cabinet with 4 Standard Relays	<b>R08BD-104</b>	120, 277, 347V	Blue
8-Relay Cabinet with 8 Standard Relays	<b>R08BD-108</b>	120, 277, 347V	Blue
8-Relay Cabinet with 4 2-Pole Relays	<b>R08BD-204</b>	120, 277, 347V	Blue
8-Relay Cabinet with 8 2-Pole Relays	<b>R08BD-208</b>	120, 277, 347V	Blue
8-Relay Cabinet with 4 347V Relays	<b>R08BD-C04</b>	120, 277, 347V	Blue
8-Relay Cabinet with 8 347V Relays	<b>R08BD-C08</b>	120, 277, 347V	Blue

*For network versions replace B in middle of catalog number with N for network. 24-relay and 48-relay cabinets with 12 switch inputs (in master and slave versions) are also available.*

#### Z-MAX Relay Cards

For incandescent, electronic fluorescent, magnetic fluorescent, electronic low voltage, neon cold cathode, high intensity discharge and motor loads

DESCRIPTION	CAT. NO.	INPUT POWER
Standard 20A Single-Pole Relay Card*	<b>RELAY-STD</b>	120-277V
2-Pole 20A Relay Card	<b>RELAY-2PL</b>	240/480V
347V Single-Pole 20A Relay Card	<b>RELAY-347</b>	120-347V
Normally Closed Relay Card	<b>RELAY-NCL</b>	120-347V

\*NOTE: Relay cabinets ship with RELAY-STD modules unless otherwise specified.

#### Z-MAX Switch Stations

**Digital Stations**—Wired via Luma-Net® to compatible Leviton products including D4200, D8000, a-2000, i Series e, i Series Quad and Z-MAX Relay Cabinets. **Low-Voltage Stations**—Compatible with Leviton Z-MAX Relay Cabinets, MDS Cabinets, a-2000 cabinets (with analog card), network protocol converter and other low-voltage devices.

DESCRIPTION	DIGITAL SWITCH CAT. NO.	LOW-VOLTAGE SWITCH CAT. NO.	COLOR
ON/OFF Switch	<b>ZMDSW-01W</b>	<b>LVS-01W</b>	White
Zones 1 and 2	<b>ZMDSW-02W</b>	<b>LVS-02W</b>	White
Zones 1 to 3	<b>ZMDSW-03W</b>	<b>LVS-03W</b>	White
Zones 1 to 4	<b>ZMDSW-04W</b>	<b>LVS-04W</b>	White
Zones 1 to 5	<b>ZMDSW-05W</b>	<b>LVS-05W</b>	White
Zones 1 to 6	<b>ZMDSW-06W</b>	<b>LVS-06W</b>	White
Zones 1 to 8	<b>ZMDSW-08W</b>	<b>LVS-08W</b>	White
Zones 1 to 10	<b>ZMDSW-10W</b>	<b>LVS-10W</b>	White

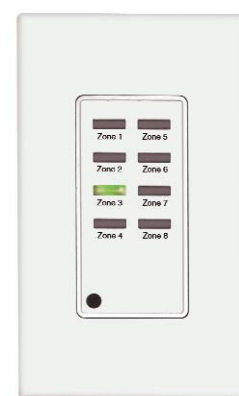
*For the complete line of Z-MAX components see the Lighting Controls Product Selection Guide or [www.leviton.com](http://www.leviton.com).*

#### SPECIFICATIONS AND FEATURES

- Easy-to-program keypad control module with LCD screen and straightforward menus—in plain English (not code)
- Internal time clock with astronomical clock, daylight savings time, and holiday scheduling features
- Generous wiring space and easy-to-wire terminals
- Switch inputs with override capability for each relay
- Hinged, removable door with keyed lock
- Works with analog controllers, low voltage switches, discrete and analog photocells, and occupancy sensors
- Accessories include: Z-MAX Switch Stations, telephone and modem interface modules, additional switch input board, Ethernet module, photocell, flush trim kits, voltage barriers, and PC-based programming software
- Z-MAX Switch Station programmable functions include ON, OFF and Group and Scene Select
- Switch Stations compatible with standard and mid-way size Decora wallplates
- Enclosure Dimensions: 13.00 (330.2) x 13.00 (330.2) x 4.34 (110.6)
- Station Dimensions: 4.31 (109.5) H x 1.13 (28.7) W x 1.75 (44.5) D

#### TESTING & CODE COMPLIANCE


- UL Listed (for individual load types) and CUL Listed under both Industrial Control Equipment and Energy Management Equipment
- California Title 24 compliant and meets ASHRAE Standard 90.1 requirements
- NOM certified
- Limited Two-Year Warranty on cabinets




LVS-08W

The L-100 Leviton Wiring Device Catalog is designed to help you find the device you're seeking in the quickest and easiest way possible. Most product sections are divided into three distinct categories in the following sequence—Industrial Grade, Commercial Grade and Residential Grade—and grouped according to amperage and voltage, lowest to highest. For example, if you need to order 15 Amp, 125 Volt Industrial Grade straight-blade duplex receptacles, begin your search with the main Table of Contents at the front of the book. Here you'll see that all straight blade receptacles are listed in Section G. Turn to Section G for a more detailed Table of Contents on the first page. Each section page contains product descriptions, ratings and catalog numbers. There are also helpful highlights including Specifications and Features, Testing and Code Compliance, Color listing, Material Characteristics and dimensioned color product photos. Any product page in the L-100 Catalog can be clearly copied or faxed to customers and prospects for use as a specific sheet or as part of a presentation.

The Quick Reference Guide follows the main Table of Contents to help you pinpoint and locate specific products. Technical Section V provides general product and test data, industry standards, NEMA configuration charts, a glossary of wiring device terms, ANSI architectural symbols and other related information. Specific catalog numbers are listed in the exhaustive index at the back of the catalog.



## 15 AMP 125 and 250V • 20 AMP 125 and 250V Industrial Grade Straight Blade Receptacles

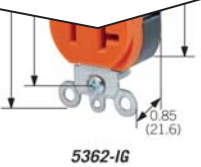


**A** RATING  
**B** Choose GRADE, if appropriate  
**C** DIMENSIONED PHOTOGRAPH  
**F** DESCRIPTION

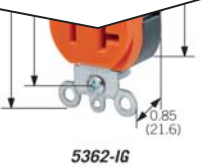
**Back and Side Wired** (Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
LEVSPEC® Duplex Receptacle, Brass Strap	5262 I, W, GY, R, E	5662 I	5362 I, W, GY, R, E	5462 I, GY
Single Receptacle	5261 I, W, GY	5661 I	5361 I, W, A, T, GY	5461 I, A, T, GY
Narrow Body Duplex Receptacle	5252 I, W, A, T, GY, R, BU		5352 I, W, A, T, GY, R,	

**E** CATALOG NUMBER  
**G** CHECK FOR NEMA CONFIGURATION





**C** DIMENSIONED PHOTOGRAPH  
**D** WIRING/CERTIFICATIONS





5362-IG

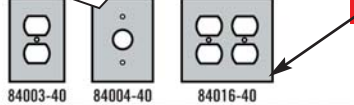
**For complete wallplate selection, see Section E.**

  
80703-IG

  
80703-I

  
80704-GY

  
80716-R



**H** WALLPLATE REFERENCE, if appropriate

**I** SPECIFICATIONS & FEATURES

**Back & Side Wired Duplex**

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Single-piece brass mounting strap on LEVSPEC devices, multi-piece steel strap on other devices
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- Back and side-wiring options
- Brass terminal screws to reduce conductor oxidation
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamp for superior contact and conductivity

**J** TESTING AND CODE COMPLIANCE

**TESTING AND CODE COMPLIANCE**

- UL Listed 498 (UL File #13399); UL Federal Specification WC-596

**K** COLOR LISTING

**\*COLOR**

Basic Cat. Nos. shown above denote Brown device, except for Isolated Ground (-IG) devices Basic Cat. No. denotes Orange. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Brown (For IG devices only, add -B), Almond (-A), Light Almond (-T), Gray (-G or -GY), Black (-E), Red (-R) and Blue (-BU; for IG devices only, add -BIG)

**L** MATERIAL CHARACTERISTICS

**MATERIAL CHARACTERISTICS**

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60° C maximum continuous

- |                                       |  |                                      |
|---------------------------------------|--|--------------------------------------|
| <b>A</b> RATING                       | <b>E</b> CATALOG NUMBER                      | <b>I</b> SPECIFICATIONS & FEATURES   |
| <b>B</b> Choose GRADE, if appropriate | <b>F</b> DESCRIPTION                         | <b>J</b> TESTING AND CODE COMPLIANCE |
| <b>C</b> DIMENSIONED PHOTOGRAPH       | <b>G</b> Check for NEMA CONFIGURATION        | <b>K</b> COLOR LISTING               |
| <b>D</b> WIRING/CERTIFICATIONS        | <b>H</b> WALLPLATE REFERENCE, if appropriate | <b>L</b> MATERIAL CHARACTERISTICS    |

How To Use This Catalog



# Wallplates

## INDEX

Decora® Plus Screwless Snap-On . . . . .	E2, E4, E5
Decora® . . . . .	E3, E4, E5
Wallplate Overview . . . . .	E6
Toggle . . . . .	E7–E9
Duplex Receptacle . . . . .	E10, E11
Single Receptacle . . . . .	E12
Telephone or Cable Outlet, Box Mount . . . . .	E13, E14
Telephone or Cable Outlet, Strap Mount . . . . .	E14, E15
Blank, Box Mount . . . . .	E16, E17
Blank, Strap Mount . . . . .	E17, E18
Power Outlet Receptacles . . . . .	E19, E20
Two-Gang with Centered Opening . . . . .	E21
Louvre Plates . . . . .	E22
Combination Wallplates	
Toggle and Single Receptacle . . . . .	E23
Toggle and Duplex Receptacle . . . . .	E23, E24
Toggle and Decora/GFCI . . . . .	E25
Toggle and Blank . . . . .	E26
Standard Combinations—2-Gang . . . . .	E26–E28
Standard Combinations—3-Gang/4-Gang . . . . .	E28
Sectional for Multi-Gang Installations . . . . .	E29
Hot Stamped and Engraved . . . . .	E29, E30
Voice/Data/CATV . . . . .	E31
Weather Resistant Covers	
Raintight While-In-Use . . . . .	E32
Industrial Grade . . . . .	E33
Die-cast Zinc . . . . .	E34
Thermoplastic . . . . .	E35
Stainless Steel Lockout . . . . .	E34, E35
Accessories . . . . .	E36
Custom Wallplates . . . . .	E37–E40





# DECORA® PLUS SCREWLESS SNAP-ON WALLPLATES

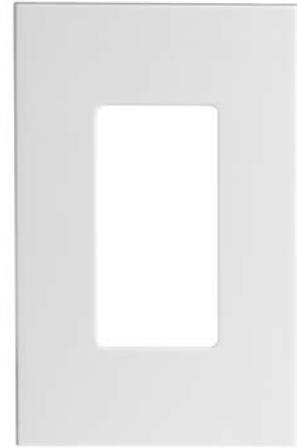
## Residential and Commercial Grade Wallplates

### Decora Plus Screwless Snap-On Wallplates

- Sleek, smooth contemporary architectural styling enhances fine décor
- Exclusive new design eliminates subplate screws
- “Hook and Snap” subplate and wallplate mounting provides easy, time saving installation
- Decora-compatible two-piece kit allows easy retrofit to any Decora installation
- Tough, unbreakable polycarbonate construction
- Now available in standard and midway sizes that can be mounted onto larger-volume wallboxes and/or used to hide wall irregularities.

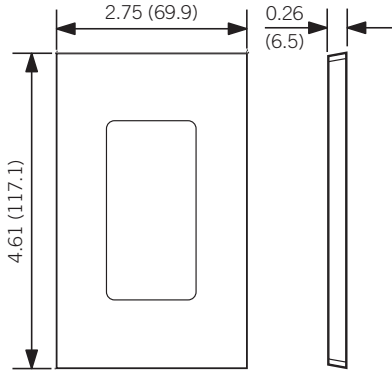


**80301-SW**  
Standard Size



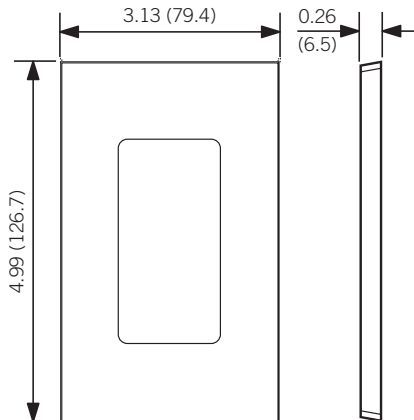
**SJ26-SW**  
Midway Size

#### Standard Size Single-Gang Screwless Snap-On Wallplate



**80301-S**

#### Midway Size Single-Gang Screwless Snap-On Wallplate



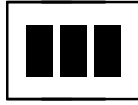





**SJ26-S**

Midway wallplates can be mounted onto larger volume outlet boxes and/or used to hide wall irregularities. Midway wallplates are a full 0.375" higher and wider than standard size wallplates.

NOTE: Add 1.81" (46.0mm) for each additional gang.

### Decora Plus Screwless Snap-On Wallplates

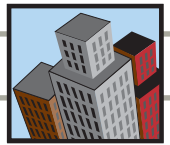
DESCRIPTION	COLOR	STANDARD	MIDWAY
<b>1-Gang 1-Decora</b> 	Ivory	80301-SI	SJ26-SI
	Ebony/Black	80301-SE	SJ26-SE
	Gray	80301-SGY	SJ26-SGY
	White	80301-SW	SJ26-SW
	Mahogany/Brown	80301-S	SJ26-S
	Almond	80301-SA	SJ26-SA
	Light Almond	80301-ST	---
<b>2-Gang 2-Decora</b> 	Ivory	80309-SI	SJ262-SI
	Ebony/Black	80309-SE	SJ262-SE
	Gray	80309-SGY	SJ262-SGY
	White	80309-SW	SJ262-SW
	Mahogany/Brown	80309-S	SJ262-S
	Almond	80309-SA	SJ262-SA
	Light Almond	80309-ST	---
<b>3-Gang 3-Decora</b> 	Ivory	80311-SI	SJ263-SI
	Ebony/Black	80311-SE	SJ263-SE
	White	80311-SW	SJ263-SW
	Almond	80311-SA	SJ263-SA
	Light Almond	80311-ST	---
	---	---	---
<b>4-Gang 4-Decora</b> 	Ivory	80312-SI	SJ264-SI
	White	80312-SW	SJ264-SW
	Almond	80312-SA	SJ264-SA
	Light Almond	80312-ST	---
<b>5-Gang 5-Decora</b> 	Ivory	80321-SI	SJ265-SI
	White	80321-SW	SJ265-SW
	Almond	80321-SA	SJ265-SA
	Light Almond	80321-ST	---
	---	---	---
<b>6-Gang 6-Decora</b> 	Ivory	80326-SI	SJ266-SI
	White	80326-SW	SJ266-SW
	Almond	80326-SA	SJ266-SA
	Light Almond	80326-ST	---
	---	---	---

#### TESTING AND CODE COMPLIANCE

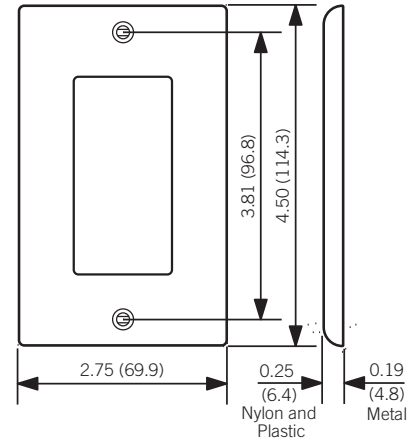
- UL Listed (File #E-13397)
- Meets NEMA Standards WD-1, WD-6
- CSA Certified (File #LR-16347)
- NOM Certified (File #057)
- Backed by a Limited Ten-Year Warranty

#### MATERIAL CHARACTERISTICS

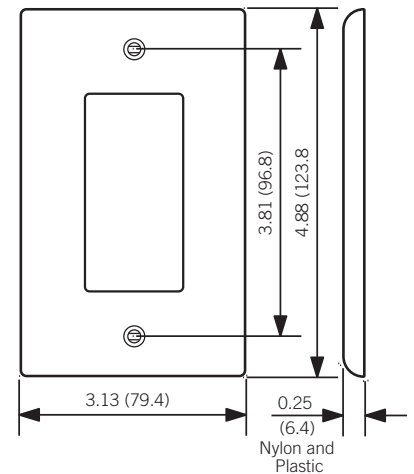
Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



Residential and Commercial Grade Decora Wallplates

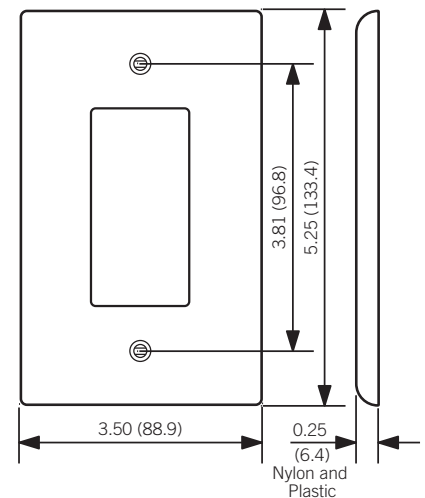


Standard Size Single-Gang



Midway Size Single-Gang

Midway wallplates can be mounted onto larger-volume outlet boxes and/or used to hide wall irregularities. Midway wallplates are a full 0.375" higher and wider than standard size wallplates.



Oversized Single-Gang

Oversized wallplates are used to conceal greater wall irregularities than those hidden by Midway wallplates. Oversized wallplates are a full 0.75" higher and wider than standard size wallplates.

NOTE: Add 1.81" (46.0mm) for each additional gang.

All Decora Wallplates

- Accent any wall covering with a wide selection of colors and finishes
- Smooth face and rounded edges resist dust accumulation
- Individual plastic wrapping to protect wallplate's surface
- Color-matched metal mounting screws supplied

Residential Grade Thermoset Wallplates

- Photoelectrically color-matched to Leviton Decora devices
- Designed for high dielectric strength and arc resistance
- Meet or surpass UL 514 testing requirements
- Resistant to fading, discoloration, grease, oils, organic solvents and moisture scratches
- Backed by a Limited Two-Year Warranty

Commercial Grade Thermoplastic Wallplates

- Molded thermoplastic for maximum resistance to impact, abrasion, fading and discoloration
- Resistant to mechanical stress associated with high abuse applications
- Backed by a Limited Ten-Year Warranty

Commercial Grade Metal Wallplates

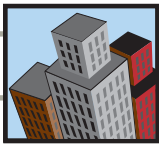
- Rounded edges to prevent injury and wall damage
- Deluxe stainless steel is non-magnetic Type 302, .032" thick
- Standard magnetic stainless steel Type 430, .032" thick, also available
- Brass is 70/30 alloy 260, .040" thick
- Aluminum is 3004 alloy, .040" thick
- Backed by a Limited Ten-Year Warranty

TESTING AND CODE COMPLIANCE

- Thermoplastic and Thermoset: UL Listed (File #E-13397)
- Metal: UL Listed (File #E-16347)
- Meets NEMA Standards WD-1, WD-6
- CSA Certified (File #LR-16347)
- NOM Certified (File #057)

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



# WALLPLATES

## Residential and Commercial Grade Decora Wallplates

### Decora

	Thermoset			Thermoplastic		Screwless Snap-On Polycarbonate		Assorted Metals		
--	-----------	--	--	---------------	--	---------------------------------	--	-----------------	--	--

#### DESCRIPTION 1-Gang 1-Decora



COLOR	STANDARD P26	MIDWAY SPJ26	OVERSIZE PO26	STANDARD N26	MIDWAY PJ26	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80401-I	80601-I	86601	80401-NI	PJ26-I	80301-SI	SJ26-SI	Chrome	*	—
Black	80401-E	—	—	80401-NE	PJ26-E	80301-SE	SJ26-SE	Aluminum	<b>A26</b> 83401	—
Gray	80401-GY	80601-GY	—	80401-NGY	PJ26-GY	80301-SGY	SJ26-SGY	Brass	<b>B26</b> 81401	—
White	80401-W	80601-W	88601	80401-NW	PJ26-W	80301-SW	SJ26-SW	Polished Brass	81401-PB	—
Brown	80401	80601	—	80401-N	PJ26	80301-S	SJ26-S	430 S/S	*	*
Almond	80401-A	80601-A	82601	80401-NA	PJ26-A	80301-SA	SJ26-SA	302 S/S	<b>SN26-N</b> 84401-40	<b>S026</b> S026
Light Almond	80401-T	80601-T	—	80401-NT	PJ26-T	80301-ST	—			
Red	—	—	—	80401-NR	—	—	—			
Blue	—	—	—	80401-NB	PJ26-BU	—	—			

#### DESCRIPTION 2-Gang 2-Decora



COLOR	STANDARD P262	MIDWAY SPJ262	OVERSIZE PO262	STANDARD N262	MIDWAY PJ262	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80409-I	80609-I	86602	80409-NI	PJ262-I	80309-SI	SJ262-SI	Chrome	*	—
Black	80409-E	—	—	80409-NE	PJ262-E	80309-SE	SJ262-SE	Aluminum	<b>A262</b> 83409	—
Gray	80409-GY	80609-GY	—	80409-NGY	PJ262-GY	80309-SGY	SJ262-SGY	Brass	<b>B262</b> 81409	—
White	80409-W	80609-W	88602	80409-NW	PJ262-W	80309-SW	SJ262-SW	Polished Brass	81409-PB	—
Brown	80409	80609	—	80409-N	PJ262	80309-S	SJ262-S	430 S/S	*	*
Almond	80409-A	80609-A	82602	80409-NA	PJ262-A	80309-SA	SJ262-SA	302 S/S	<b>S262-N</b> 84409-40	<b>S0262</b> S0262
Light Almond	80409-T	80609-T	—	80409-NT	PJ262-T	80309-ST	—			
Red	—	—	—	80409-NR	PJ262-R	—	—			
Blue	—	—	—	80409-NB	—	—	—			

#### DESCRIPTION 3-Gang 3-Decora



COLOR	STANDARD P263	MIDWAY SPJ263	OVERSIZE	STANDARD N263	MIDWAY PJ263	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80411-I	80611-I	—	80411-NI	PJ263-I	80311-SI	SJ263-SI	Chrome	*	—
Black	80411-E	—	—	—	—	80311-SE	SJ263-SE	Aluminum	<b>A263</b> 83411	—
Gray	80411-GY	—	—	80411-NGY	PJ263-GY	—	—	Brass	<b>B263</b> 81411	—
White	80411-W	80611-W	—	80411-NW	PJ263-W	80311-SW	SJ263-SW	Polished Brass	81411-PB	—
Brown	80411	—	—	80411-N	—	—	—	430 S/S	*	*
Almond	80411-A	80611-A	—	80411-NA	PJ263-A	80311-SA	SJ263-SA	302 S/S	<b>S263-N</b> 84411-40	<b>S0263</b> S0263
Light Almond	80411-T	80611-T	—	80411-NT	PJ263-T	80311-ST	—			

\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**

Decora Wallplates



Residential and Commercial Grade Decora Wallplates



Decora

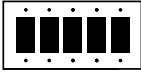
	Thermoset			Thermoplastic		Screwless Snap-On Polycarbonate		Assorted Metals		
--	-----------	--	--	---------------	--	---------------------------------	--	-----------------	--	--

DESCRIPTION  
4-Gang  
4-Decora



COLOR	STANDARD P264	MIDWAY SPJ264	OVERSIZE	STANDARD N264	MIDWAY PJ264	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80412-I	80612-I	—	80412-NI	PJ264-I	80312-SI	SJ264-SI	Chrome	*	—
Black	80412-E	—	—	—	—	80312-SE	SJ264-SE	Brass	<b>B264</b> 81412	—
Gray	80412-GY	—	—	—	PJ264-GY	—	—	430 S/S	*	—
White	80412-W	80612-W	—	80412-NW	PJ264-W	80312-SW	SJ264-SW	302 S/S	<b>S264-N</b> 84412-40	—
Brown	80412	—	—	80412-N	—	—	—			
Almond	80412-A	80612-A	—	80412-NA	PJ264-A	80312-SA	SJ264-SA			
Light Almond	80412-T	80612-T	—	80412-NT	PJ264-T	80312-ST	—			

DESCRIPTION  
5-Gang  
5-Decora



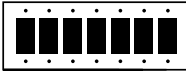
COLOR	STANDARD P265	MIDWAY	OVERSIZE	STANDARD N265	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80423-I	—	—	80423-NI	—	80321-SI	SJ265-SI	Brass	<b>B265</b> 81423	—
Black	80423-E	—	—	—	—	—	—	430 S/S	*	—
Gray	80423-GY	—	—	—	—	—	—	302 S/S	<b>S265</b> 84423-40	—
White	80423-W	—	—	80423-NW	—	80321-SW	SJ265-SW			
Brown	80423	—	—	—	—	—	—			
Almond	80423-A	—	—	80423-NA	—	80321-SA	SJ265-SA			
Light Almond	80423-T	—	—	80423-NT	—	80321-ST	—			

DESCRIPTION  
6-Gang  
6-Decora



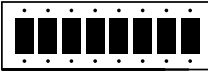
COLOR	STANDARD P266	MIDWAY	OVERSIZE	STANDARD N266	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80436-I	—	—	80436-NI	—	80326-SI	SJ266-SI	Brass	<b>B266</b> *	—
Black	80436-E	—	—	—	—	—	—	430 S/S	—	—
Gray	80436-GY	—	—	—	—	—	—	302 S/S	<b>S266-N</b> 84436-40	—
White	80436-W	—	—	80436-NW	—	80326-SW	SJ266-SW			
Brown	80436	—	—	—	—	—	—			
Almond	80436-A	—	—	80436-NA	—	80326-SA	SJ266-SA			
Light Almond	80436-T	—	—	—	—	80326-ST	—			

DESCRIPTION  
7-Gang  
7-Decora



COLOR	STANDARD S607	MIDWAY	OVERSIZE	STANDARD	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80407-I†	—	—	—	—	—	—	Brass	<b>B607</b> *	—
White	80407-W†	—	—	—	—	—	—	430 S/S	*	—
								302 S/S	<b>S607-N</b> *	—

DESCRIPTION  
8-Gang  
8-Decora



COLOR	STANDARD S609	MIDWAY	OVERSIZE	STANDARD	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80408-I†	—	—	—	—	—	—	Brass	<b>B609</b> *	—
White	80408-W†	—	—	—	—	—	—	430 S/S	*	—
								302 S/S	<b>S609-N</b> *	—

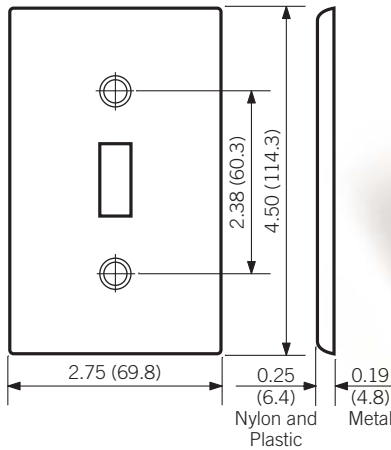
\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery. †Painted metal



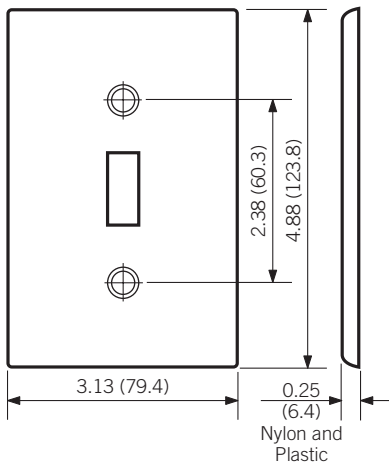


## LARGER SIZE WALLPLATES

### Residential and Commercial Grade Wallplates

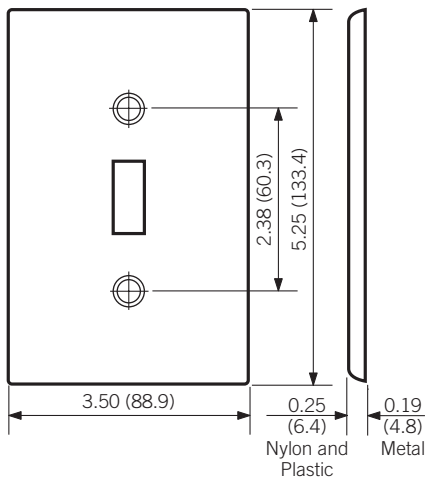


**Standard Size Single-Gang**



**Midway Size Single-Gang**

Midway wallplates can be mounted onto larger-volume outlet boxes and/or used to hide wall irregularities. Midway wallplates are a full 0.375" higher and wider than standard size wallplates.



**Oversized Single-Gang**

Oversized wallplates are used to conceal greater wall irregularities than those hidden by Midway wallplates. Oversized wallplates are a full 0.75" higher and wider than standard size wallplates.

*NOTE: Add 1.81" (46.0mm) for each additional gang.*

### A COMPLETE SELECTION OF WALLPLATES FOR INDUSTRIAL, COMMERCIAL AND RESIDENTIAL APPLICATIONS



### Features and Benefits of All Leviton Wallplates

- Easy to Clean, smooth finish
- Noncombustible
- Individual plastic wrapping to protect wallplate surface
- Color-matched metal mounting screws supplied in an envelope to protect plate from scratches
- UL Listed and CSA Certified
- Conform to NEMA and ANSI Standards

### Residential Grade Thermoset (Plastic) Wallplates

- Photoelectrically color-matched to Leviton Decora devices
- Designed for high dielectric strength and arc resistance
- Meet or surpass UL 514 testing requirements
- Resistant to fading, discoloration, grease, oils, organic solvents and moisture scratches
- Backed by a Limited Two-Year Warranty

### Commercial Grade Thermoplastic (Nylon) Wallplates

- Molded thermoplastic for maximum resistance to impact, abrasion, fading and discoloration
- Resistant to mechanical stress associated with high abuse applications
- Backed by a Limited Ten-Year Warranty

### Commercial Grade Metal Wallplates

- Rounded edges to prevent injury and wall damage
- Deluxe stainless steel is non-magnetic Type 302, .032" thick
- Standard magnetic stainless steel Type 430, .032" thick, also available
- Brass is 70/30 alloy 260, .040" thick
- Aluminum is 3004 alloy, .040" thick
- Backed by a Limited Ten-Year Warranty

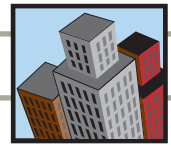
#### TESTING AND CODE COMPLIANCE

- UL Listed
- Meets NEMA Standards WD-1, WD-6
- CSA Certified

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

Residential and Commercial Grade Wallplates



Toggle

Thermoset (Plastic)	Thermoplastic (Nylon)	Assorted Metals
---------------------	-----------------------	-----------------

DESCRIPTION 1-Gang 1-Toggle								
COLOR	STANDARD P1	MIDWAY SPJ1	OVERSIZE PO1	STANDARD N1	MIDWAY PJ1	MATERIAL	STANDARD	OVERSIZE
Ivory	86001	80501-I	86101	80701-I	PJ1-I	Chrome	<b>C1</b> 1901	—
Black	—	—	—	80701-E	PJ1-E	Aluminum	<b>A1</b> 83001	—
Gray	87001	—	—	80701-GY	PJ1-GY	Brass	<b>B1</b> 81001	—
Red	—	—	—	80701-R	—	Polished Brass	81001-PB	—
White	88001	80501-W	88101	80701-W	PJ1-W	430 S/S	<b>S1</b> 84001	<b>S01</b> 84101
Brown	85001	80501	85101	80701	PJ1	302 S/S	<b>S1-N</b> 84001-40	<b>S01-N</b> 84101-40
Almond	82001	80501-A	—	80701-A	PJ1-A			
Light Almond	78001	80501-T	—	80701-T	PJ1-T			

DESCRIPTION 2-Gang 2-Toggles								
COLOR	STANDARD P2	MIDWAY SPJ2	OVERSIZE PO2	STANDARD N2	MIDWAY PJ2	MATERIAL	STANDARD	OVERSIZE
Ivory	86009	80509-I	86109	80709-I	PJ2-I	Chrome	1909	—
Black	—	—	—	80709-E	PJ2-E	Aluminum	<b>A2</b> 83009	—
Gray	87009	—	—	80709-GY	PJ2-GY	Brass	<b>B2</b> 81009	—
Red	—	—	—	80709-R	—	Polished Brass	81009-PB	—
White	88009	80509-W	88109	80709-W	PJ2-W	430 S/S	<b>S2</b> 84009	—
Brown	85009	80509	85109	80709	PJ2	302 S/S	<b>S2-N</b> 84009-40	<b>S02-N</b> 84109-40
Almond	82009	80509-A	—	80709-A	PJ2-A			
Light Almond	78009	80509-T	—	80709-T	PJ2-T			

DESCRIPTION 3-Gang 3-Toggles								
COLOR	STANDARD P3	MIDWAY SPJ3	OVERSIZE PO3	STANDARD N3	MIDWAY PJ3	MATERIAL	STANDARD	OVERSIZE
Ivory	86011	80511-I	86111	80711-I	PJ3-I	Chrome	*	—
Black	—	—	—	80711-E	PJ3-E	Aluminum	<b>A3</b> 83011	—
Gray	87011	—	—	80711-GY	PJ3-GY	Brass	<b>B3</b> 81011	—
Red	—	—	—	80711-R	—	Polished Brass	81011-PB	—
White	88011	80511-W	88111	80711-W	PJ3-W	430 S/S	<b>S3</b> 84011	—
Brown	85011	80511	85111	80711	PJ3	302 S/S	<b>S3-N</b> 84011-40	<b>S03-N</b> 84111-40
Almond	82011	80511-A	—	80711-A	PJ3-A			
Light Almond	78011	80511-T	—	80711-T	PJ3-T			

\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**



# WALLPLATES

## Residential and Commercial Grade Wallplates

### Toggle

	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals		
<b>DESCRIPTION</b> 4-Gang 4-Toggles								
<b>COLOR</b>	<b>STANDARD P4</b>	<b>MIDWAY SPJ4</b>	<b>OVERSIZE</b>	<b>STANDARD N4</b>	<b>MIDWAY PJ4</b>	<b>MATERIAL</b>	<b>STANDARD</b>	<b>OVERSIZE</b>
Ivory	86012	80512-I	86101	80712-I	PJ4-I	Chrome	*	—
Black	—	—	—	—	—	Aluminum	<b>A4</b> 83012	—
Gray	87012	—	—	80712-GY	—	Brass	<b>B4</b> 81012	—
Red	—	—	—	80712-R	—	Polished Brass	81012-PB	—
White	88012	80512-W	—	80712-W	PJ4-W	430 S/S	<b>S4</b> 84012	*
Brown	85012	—	—	—	—	302 S/S	<b>S4-N</b> 84012-40	<b>S04-N</b> 84112-40
Almond	82012	80512-A	—	80712-A	PJ4-A			
Light Almond	78012	80512-T	—	80712-T	PJ4-T			
<b>DESCRIPTION</b> 5-Gang 5-Toggles								
<b>COLOR</b>	<b>STANDARD P5</b>	<b>MIDWAY</b>	<b>OVERSIZE</b>	<b>STANDARD N5</b>	<b>MIDWAY</b>	<b>MATERIAL</b>	<b>STANDARD</b>	<b>OVERSIZE</b>
Ivory	86023	—	—	80723-I	—	Chrome	*	—
White	88023	—	—	80723-W	—	Aluminum	<b>A5</b> *	—
Brown	85023	—	—	—	—	Brass	<b>B5</b> 81023	—
Almond	82023	—	—	80723-A	—	Polished Brass	81023-PB	—
Light Almond	78023	—	—	—	—	430 S/S	<b>S5</b> *	—
						302 S/S	<b>S5-N</b> 84023-40	—
<b>DESCRIPTION</b> 6-Gang 6-Toggles								
<b>COLOR</b>	<b>STANDARD P6</b>	<b>MIDWAY</b>	<b>OVERSIZE</b>	<b>STANDARD N6</b>	<b>MIDWAY</b>	<b>MATERIAL</b>	<b>STANDARD</b>	<b>OVERSIZE</b>
Ivory	86036	—	—	80736-I	—	Chrome	*	—
White	88036	—	—	80736-W	—	Aluminum	<b>A6</b> *	—
Brown	85036	—	—	—	—	Brass	<b>B6</b> 81036	—
Almond	82036	—	—	—	—	430 S/S	<b>S6</b> *	—
Light Almond	78036	—	—	—	—	302 S/S	<b>S6-N</b> 84036-40	—

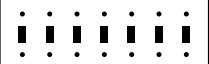
\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**


Residential and Commercial Grade Wallplates



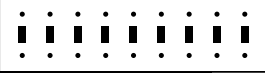
Toggle

Thermoset (Plastic)			Thermoplastic (Nylon)			Assorted Metals		
<b>DESCRIPTION</b> 7-Gang 7-Toggles 								
COLOR	STANDARD S601	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	S601-I†	—	—	—	—	Chrome	*	—
White	S601-W†	—	—	—	—	Brass	<b>B601</b> *	—
						430 S/S	*	—
						302 S/S	<b>S601-N</b> 84070-40	—

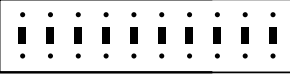
†Painted metal wallplate.

<b>DESCRIPTION</b> 8-Gang 8-Toggles 								
COLOR	STANDARD S602	MIDWAY	OVERSIZE	STANDARD N6	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	S602-I†	—	—	80736-I	—	Chrome	*	—
White	S602-W†	—	—	80736-W	—	Brass	<b>B602</b> *	—
						430 S/S	*	—
						302 S/S	<b>S602-N</b> 84048-40	—

†Painted metal wallplate.

<b>DESCRIPTION</b> 9-Gang 9-Toggles 								
COLOR	STANDARD S603	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	S603-I†	—	—	—	—	Chrome	*	—
White	S603-W†	—	—	—	—	Brass	<b>B603</b> *	—
						430 S/S	*	—
						302 S/S	<b>S603-N</b> 84049-40	—

†Painted metal wallplate.

<b>DESCRIPTION</b> 10-Gang 10-Toggles 								
COLOR	STANDARD S604	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	S604-I†	—	—	—	—	Chrome	*	—
White	S604-W†	—	—	—	—	Brass	<b>B604</b> *	—
						302 S/S	<b>S604-N</b> 84050-40	—

†Painted metal wallplate.

\*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**





# WALLPLATES

## Residential and Commercial Grade Wallplates

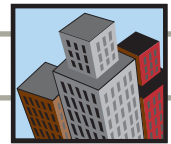
### Receptacle

	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals		
<b>DESCRIPTION</b> 1-Gang 1-Duplex								
<b>COLOR</b>	<b>STANDARD P8</b>	<b>MIDWAY SPJ8</b>	<b>OVERSIZE</b>	<b>STANDARD N8</b>	<b>MIDWAY PJ8</b>	<b>MATERIAL</b>	<b>STANDARD</b>	<b>OVERSIZE</b>
Ivory	86003	80503-I	86103	80703-I	PJ8-I	Chrome	<b>C8</b> 1903	—
Black	—	—	—	80703-E	PJ8-E	Aluminum	<b>A8</b> 83003	—
Gray	87003	—	—	80703-GY	PJ8-GY	Brass	<b>B8</b> 81003	—
Red	—	—	—	80703-R	PJ8-R	Polished Brass	81003-PB	—
White	88003	80503-W	88103-W	80703-W	PJ8-W	430 S/S	<b>S8</b> 84003	<b>S08</b> 84103
Brown	85003	80503	85103	80703	PJ8	302 S/S	<b>S8-N</b> 84003-40	<b>S08-N</b> 84103-40
Blue	—	—	—	80703-A	PJ8-BU			
Almond	82003	80503-A	—	80703-A	PJ8-A			
Light Almond	78003	80503-T	—	80703-T	PJ8-T			
<b>DESCRIPTION</b> 2-Gang 2-Duplex								
<b>COLOR</b>	<b>STANDARD P82</b>	<b>MIDWAY SPJ82</b>	<b>OVERSIZE</b>	<b>STANDARD N82</b>	<b>MIDWAY PJ82</b>	<b>MATERIAL</b>	<b>STANDARD</b>	<b>OVERSIZE</b>
Ivory	86016	80516-I	86116	80716-I	PJ82-I	Chrome	<b>C82</b> *	—
Black	—	—	—	80716-E	PJ82-E	Aluminum	<b>A82</b> 83016	—
Gray	87016	—	—	80716-GY	PJ82-GY	Brass	<b>B82</b> 81016	—
Red	—	—	—	80716-R	PJ82-R	Polished Brass	81016-PB	—
White	88016	80516-W	88116-W	80716-W	PJ82-W	430 S/S	<b>S82</b> 84016	<b>S082</b>
Brown	85016	80516	85116	80716	PJ82	302 S/S	<b>S82-N</b> 84016-40	<b>S082-N</b> 84116-40
Orange	—	—	—	80716-ORG	—			
Blue	—	—	—	80716-A	PJ82-BU			
Almond	82016	80516-A	—	80716-A	PJ82-A			
Light Almond	78016	80516-T	—	80716-T	PJ82-T			
<b>DESCRIPTION</b> 3-Gang 3-Duplex								
<b>COLOR</b>	<b>STANDARD P83</b>	<b>MIDWAY</b>	<b>OVERSIZE</b>	<b>STANDARD</b>	<b>MIDWAY</b>	<b>MATERIAL</b>	<b>STANDARD</b>	<b>OVERSIZE</b>
Ivory	86030	—	—	80730-I	—	Chrome	*	—
Black	—	—	—	80730-E	—	Aluminum	*	—
Gray	87030	—	—	80730-GY	—	Brass	*	—
Red	—	—	—	80730-R	—	430 S/S	<b>S83</b> *	—
White	88030	—	—	80730-W	—	302 S/S	<b>S83-N</b> 84030-40	<b>S083-N</b> 84130-40
Brown	85030	—	—	80730	—			
Almond	—	—	—	80730-A	—			

\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**

Residential and Commercial Grade Wallplates



Duplex Receptacle

	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals		
--	---------------------	--	--	-----------------------	--	-----------------	--	--

DESCRIPTION  
4-Gang  
4-Duplex

COLOR	STANDARD P84	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86041	—	—	—	—	Chrome	*	—
White	88041	—	—	—	—	Aluminum	*	—
Brown	85041	—	—	—	—	Brass	*	—
						430 S/S	<b>S84</b> 84041	*
						302 S/S	<b>S84-N</b> *	*

DESCRIPTION  
5-Gang  
5-Duplex

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Chrome	*	—
						Brass	<b>B85</b> *	—
						302 S/S	<b>S85-N</b> 84055-40	—

DESCRIPTION  
6-Gang  
6-Duplex

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Chrome	*	—
						Brass	<b>B86</b> *	—
						302 S/S	<b>S86-N</b> 84056-40	—

DESCRIPTION  
7-Gang  
7-Duplex

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Chrome	*	—
						Brass	<b>B608</b> *	—
						430 S/S	<b>S608</b> *	—
						302 S/S	*	—

DESCRIPTION  
8-Gang  
8-Duplex

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Chrome	*	—
						Brass	<b>B6082</b> *	—
						430 S/S	<b>S6082</b> *	—
						302 S/S	*	—

\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

**NOTE:** Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.



# WALLPLATES

## Residential and Commercial Grade Wallplates

Single Receptacle—15 Amp and 20 Amp Straight Blade and 15 Amp Locking  
 Thermoset (Plastic)      Thermoplastic (Nylon)

Assorted Metals

**DESCRIPTION**

1-Gang  
 1-Single 1.406" dia. Hole



COLOR	STANDARD P7	MIDWAY SPJ7	OVERSIZE	STANDARD N7	MIDWAY PJ7	MATERIAL	STANDARD	OVERSIZE
Ivory	86004	80504-I	—	80704-I	PJ7-I	Chrome	*	—
Black	—	—	—	80704-E	PJ7-E	Aluminum	<b>A7</b> 83004	—
Gray	87004	—	—	80704-GY	PJ7-GY	Brass	<b>B7</b> 81004	—
Red	—	—	—	80704-R	PJ7-R	430 S/S	<b>S7</b> 84004	*
White	88004	80504-W	—	80704-W	PJ7-W	302 S/S	<b>S7-N</b> 84004-40	<b>S07-N</b> 84104-40
Brown	85004	80504	—	80704	PJ7			
Orange	—	—	—	80704-ORG	—			
Almond	82004	80504-A	—	80704-A	PJ7-A			
Light Almond	78004	80504-T	—	80704-T	PJ7-T			

**DESCRIPTION**

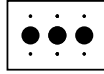
2-Gang  
 2-Singles 1.406" dia. Holes



COLOR	STANDARD P72	MIDWAY SPJ82	OVERSIZE	STANDARD N82	MIDWAY PJ82	MATERIAL	STANDARD	OVERSIZE
Ivory	86052	—	—	—	—	Chrome	*	—
White	88052	—	—	—	—	Aluminum	*	—
Brown	85052	—	—	—	—	Brass	*	—
						430 S/S	<b>S72</b> *	—
						302 S/S	<b>S72-N</b> 84052-40	—

**DESCRIPTION**

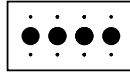
3-Gang  
 3-Singles 1.406" dia. Holes



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	<b>S73</b> *	—
						302 S/S	<b>S73-N</b> S73-N	—

**DESCRIPTION**

4-Gang  
 4-Singles 1.406" dia. Holes



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	<b>S74</b> *	—
						302 S/S	<b>S74-N</b>	—

**DESCRIPTION**

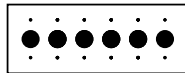
5-Gang  
 5-Singles 1.406" dia. Holes



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	<b>S75</b> *	—
						302 S/S	<b>S75-N</b>	—

**DESCRIPTION**

6-Gang  
 6-Singles 1.406" dia. Holes



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	<b>S76</b> *	—
						302 S/S	<b>S76-N</b>	—

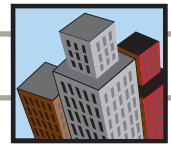
\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

**NOTE:** Where applicable, Industry Number indicated in **BOLD FACE**. For some wallplates, Industry Number and Leviton Catalog Number are identical.

To learn more about Leviton's outstanding offering of devices visit our Website at: [www.leviton.com](http://www.leviton.com)



Residential and Commercial Grade Wallplates



Telephone or Cable Outlet Wallplates—Box Mounted

Thermoset (Plastic)	Thermoplastic (Nylon)	Assorted Metals
---------------------	-----------------------	-----------------

DESCRIPTION

1-Gang  
Phone/Cable .312" dia. Hole, Box Mount



COLOR	STANDARD	MIDWAY SPJ738	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	—	80513-I	—	—	—	Aluminum	<b>A738</b> 80513	—
White	—	80513-W	—	—	—	Brass	<b>B738</b> 81013	—
Brown	—	80513	—	—	—	430 S/S	<b>S738</b> 84013	—
Almond	—	80513-A	—	—	—	302 S/S	<b>S7-N</b> 84013-40	—
Light Almond	—	80513-T	—	—	—			

DESCRIPTION

1-Gang  
Phone/Cable .406" dia. Hole, Box Mount



COLOR	STANDARD P11	MIDWAY	OVERSIZE	STANDARD	MIDWAY PJ11	MATERIAL	STANDARD	OVERSIZE
Ivory	86013	—	—	—	PJ11-I	Aluminum	*	—
Black	—	—	—	—	PJ11-E	Brass	*	—
Gray	—	—	—	—	PJ11-GY	430 S/S	*	—
White	88013	—	—	—	PJ11-W	302 S/S	<b>S11-N</b> 84061-40	*
Brown	85013	—	—	—	—			
Almond	82013	—	—	—	PJ11-A			
Light Almond	78013	—	—	—	PJ11-T			

DESCRIPTION

1-Gang  
Phone/Cable .625" dia. Hole, Box Mount



COLOR	STANDARD P737	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86017	—	—	—	—	Aluminum	<b>A737</b> *	—
White	88017	—	—	—	—	Brass	<b>B737</b> 81017	—
Brown	85017	—	—	—	—	430 S/S	<b>S737</b> *	—
						302 S/S	<b>S737-N</b> 84017-40	—

DESCRIPTION

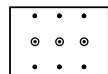
2-Gang  
Phone/Cable .406" dia. Hole, Box Mount



COLOR	STANDARD P21	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86062	—	—	—	—	Brass	*	—
White	88062	—	—	—	—	430 S/S	*	—
Brown	85062	—	—	—	—	302 S/S	<b>S21-N</b> 84062-40	—

DESCRIPTION

3-Gang  
Phone/Cable .406" dia. Hole, Box Mount



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	<b>S31-N</b>	—

\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**





# WALLPLATES

## Residential and Commercial Grade Wallplates

### Telephone or Cable Outlet Wallplates—Box Mounted

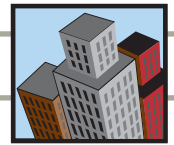
Thermoset (Plastic)			Thermoplastic (Nylon)			Assorted Metals		
<b>DESCRIPTION</b> 4-Gang Phone/Cable .406" dia. Hole, Box Mount								
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	<b>\$41-N</b> *	—
<b>DESCRIPTION</b> 5-Gang Phone/Cable .406" dia. Hole, Box Mount								
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	<b>\$51-N</b> *	—
<b>DESCRIPTION</b> 6-Gang Phone/Cable .406" dia. Hole, Box Mount								
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	<b>\$61-N</b> *	—

### Telephone or Cable Outlet Wallplates—Strap Mounted

Thermoset (Plastic)			Thermoplastic (Nylon)			Assorted Metals		
<b>DESCRIPTION</b> 1-Gang Phone/Cable .406" dia. Hole, Strap Mount With knockout to enlarge hole to .625"								
COLOR	STANDARD P12	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86018	—	—	—	—	Aluminum	*	—
Gray	87018	—	—	—	—	Brass	*	—
White	88018	—	—	—	—	430 S/S	<b>\$12</b> *	—
Brown	85018	—	—	—	—	302 S/S	<b>\$12-N</b> 84018-40	—
<b>DESCRIPTION</b> 1-Gang Phone/Cable .406" dia. Hole, Strap Mount								
COLOR	STANDARD	MIDWAY	OVERSIZE PO12	STANDARD N12	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	—	—	86113	80718-I	—	Brass	*	—
White	—	—	88113	80718-W	—	430 S/S	*	—
Black	—	—	—	80718-E	—	302 S/S	*	—
Gray	—	—	—	80718-GY	—			
Brown	—	—	—	80718	—			
<b>DESCRIPTION</b> 1-Gang Phone/Cable .625" dia. Hole, Strap Mount								
COLOR	STANDARD P730	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86037	—	—	—	—	Brass	*	—
White	88037	—	—	—	—	430 S/S	*	<b>\$0730</b> 84137
Brown	85037	—	—	—	—	302 S/S	<b>\$730-N</b> 84037-40	<b>\$0730-N</b> 84137-40

\*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

**NOTE:** Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.



Residential and Commercial Grade Wallplates

Telephone or Cable Outlet Wallplates—Strap Mounted

Thermoset (Plastic)			Thermoplastic (Nylon)			Assorted Metals		
---------------------	--	--	-----------------------	--	--	-----------------	--	--

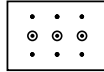
**DESCRIPTION**  
2-Gang  
Phone/Cable .406" dia. Hole, Strap Mount



COLOR	STANDARD P22	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	P22-1†	—	—	—	—	Brass	—	—
						430 S/S	*	—
						302 S/S	<b>\$22-N</b>	*

†Painted metal wallplate.

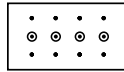
**DESCRIPTION**  
3-Gang  
Phone/Cable .406" dia. Hole, Strap Mount



COLOR	STANDARD P32	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	P32-1†	—	—	—	—	Brass	—	—
						430 S/S	*	—
						302 S/S	<b>\$32-N</b>	*

†Painted metal wallplate.

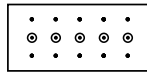
**DESCRIPTION**  
4-Gang  
Phone/Cable .406" dia. Hole, Strap Mount



COLOR	STANDARD P32	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	<b>\$42-N</b>	*

†Painted metal wallplate.

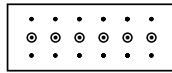
**DESCRIPTION**  
5-Gang  
Phone/Cable .406" dia. Hole, Strap Mount



COLOR	STANDARD P32	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
					—	302 S/S	<b>\$52-N</b>	*

†Painted metal wallplate.

**DESCRIPTION**  
6-Gang  
Phone/Cable .406" dia. Hole, Strap Mount



COLOR	STANDARD P32	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	<b>\$62-N</b>	*

†Painted metal wallplate.

\*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.



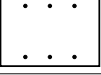
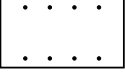
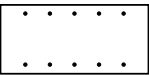
**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**



# WALLPLATES

## Residential and Commercial Grade Wallplates

### Blank Wallplates—Box Mounted

Thermoset (Plastic)			Thermoplastic (Nylon)			Assorted Metals		
<b>DESCRIPTION</b> <b>1-Gang</b> <b>1-Blank, Box Mounted</b> 								
COLOR	STANDARD P13	MIDWAY SPJ13	OVERSIZE P013	STANDARD N13	MIDWAY PJ13	MATERIAL	STANDARD	OVERSIZE
Ivory	86014	80514-I	86114	80714-I	PJ13-I	Chrome	*	—
Black	—	—	—	80714-E	PJ13-E	Aluminum	<b>A13</b> 83014	—
Gray	87014	—	—	80714-GY	PJ13-GY	Brass	<b>B13</b> 81014	—
Red	—	—	—	80714-R	PJ13-R	430 S/S	<b>S13</b> 84014	<b>S013</b> 84114
White	88014	80514-W	88114	80714-W	PJ13-W	302 S/S	<b>S13-N</b> 84014-40	<b>S013-N</b> 84114-40
Brown	85014	80514	85114	80714	PJ13			
Almond	82014	80514-A	—	80714-A	PJ13-A			
Light Almond	78014	80514-T	—	80714-T	PJ13-T			
<b>DESCRIPTION</b> <b>2-Gang</b> <b>2-Blanks, Box Mounted</b> 								
COLOR	STANDARD P23	MIDWAY SPJ23	OVERSIZE	STANDARD N24	MIDWAY PJ23	MATERIAL	STANDARD	OVERSIZE
Ivory	86025	80525-I	—	80725-I	PJ23-I	Aluminum	*	—
Black	—	—	—	80725-E	—	Brass	<b>B23</b> 81025	—
Gray	87025	—	—	80725-GY	PJ23-GY	430 S/S	<b>S23</b> 84025	—
White	88025	80525-W	—	80725-W	PJ23-W	302 S/S	<b>S23-N</b> 84025-40	<b>S023-N</b> 84125-40
Brown	85025	80525	—	80725	—			
Almond	82025	80525-A	—	80725-A	PJ23-A			
Light Almond	78025	80525-T	—	80725-T	PJ23-T			
<b>DESCRIPTION</b> <b>3-Gang</b> <b>3-Blanks, Box Mounted</b> 								
COLOR	STANDARD P33	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86033	—	—	80735-I	—	Aluminum	*	—
White	88033	—	—	80735-W	—	Brass	*	—
Brown	85033	—	—	80735	—	430 S/S	*	—
Black	—	—	—	80735-E	—	302 S/S	<b>S33-N</b> 84033-40	<b>S033-N</b> 84133-40
Gray	—	—	—	80735-GY	—			
Almond	—	—	—	80735-A	—			
<b>DESCRIPTION</b> <b>4-Gang</b> <b>4-Blanks, Box Mounted</b> 								
COLOR	STANDARD P43	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86064	—	—	—	—	Aluminum	*	—
White	88064	—	—	—	—	Brass	*	—
Brown	85064	—	—	—	—	430 S/S	<b>S43</b> 84064	*
						302 S/S	<b>S43-N</b> 84064-40	*
<b>DESCRIPTION</b> <b>5-Gang</b> <b>5-Blanks, Box Mounted</b> 								
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						302 S/S	<b>S53-N</b> 84065-40	—

\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**

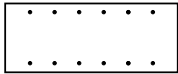
Residential and Commercial Grade Wallplates



Blank Wallplates—Box Mounted

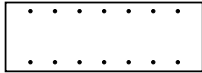
Thermoset (Plastic)	Thermoplastic (Nylon)	Assorted Metals
---------------------	-----------------------	-----------------

DESCRIPTION  
6-Gang  
6-Blanks, Box Mounted



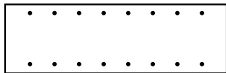
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						302 S/S	<b>S63-N</b> 84066-40	—

DESCRIPTION  
7-Gang  
7-Blanks, Box Mounted



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						302 S/S	<b>S6013-N</b> 84067-40	—

DESCRIPTION  
8-Gang  
8-Blanks, Box Mounted



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						302 S/S	<b>S6023-N</b> 84068-40	—

Blank Wallplates—Strap Mounted

Thermoset (Plastic)	Thermoplastic (Nylon)	Assorted Metals
---------------------	-----------------------	-----------------

DESCRIPTION  
1-Gang  
1-Blank, Strap Mounted



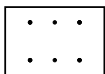
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
	<b>P12</b>							
Ivory	86019	—	—	80719-I	—	Aluminum	*	—
Black	—	—	—	80719-E	—	Brass	*	—
Gray	—	—	—	80719-GY	—	430 S/S	<b>S14</b> 84019	*
Red	—	—	—	80719-R	—	302 S/S	<b>S14-N</b> 84019-40	<b>S014-N</b> 84119-40
White	88019	—	—	80719-W	—			
Brown	85019	—	—	80719	—			
Almond	—	—	—	80719-A	—			

DESCRIPTION  
2-Gang  
2-Blank, Strap Mounted



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
	<b>P24</b>							
Ivory	86034	—	—	80734-I	—	430 S/S	*	—
White	88034	—	—	80734-W	—	302 S/S	<b>S24-N</b> 84034-40	<b>S024-N</b> 84134-40
Brown	85034	—	—	80734	—			
Black	—	—	—	80734-E	—			
Red	—	—	—	80734-R	—			

DESCRIPTION  
3-Gang  
3-Blank, Strap Mounted

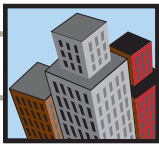


COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
	<b>P34</b>							
Ivory	86035	—	—	—	—	Brass	*	—
White	88035	—	—	—	—	430 S/S	*	*
Brown	85035	—	—	—	—	302 S/S	<b>S34-N</b> 84035-40	—

\*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

**NOTE:** Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.

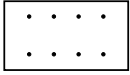
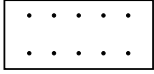
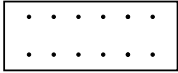
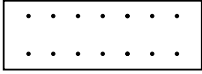
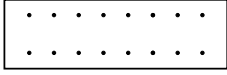




# WALLPLATES

## Residential and Commercial Grade Wallplates

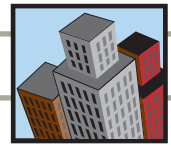
### Blank Wallplates—Strap Mounted

Thermoset			Thermoplastic			Assorted Metals		
<b>DESCRIPTION</b> 4-Gang 4-Blank, Strap Mounted 								
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86057	—	—	—	—	Brass	*	—
White	88057	—	—	—	—	430 S/S	*	*
Brown	85057	—	—	—	—	302 S/S	<b>S44-N</b> 84057-40	—
<b>DESCRIPTION</b> 5-Gang 5-Blank, Strap Mounted 								
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	<b>S54-N</b> S54-N	—
<b>DESCRIPTION</b> 6-Gang 6-Blank, Strap Mounted 								
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	<b>S64-N</b> *	—
<b>DESCRIPTION</b> 7-Gang 7-Blank, Strap Mounted 								
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	<b>S6014-N</b> *	—
<b>DESCRIPTION</b> 8-Gang 8-Blank, Strap Mounted 								
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	<b>S6024-N</b> *	—

\*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

**NOTE:** Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.

Residential and Commercial Grade Wallplates



Power Outlet Receptacle – One Gang  
Thermoset (Plastic)

Thermoplastic (Nylon)

Assorted Metals

DESCRIPTION  
20A & 30A Locking Receptacles  
1-Gang 1.60" dia. Hole



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD N726	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	—	—	—	80720-I	—	Brass	*	—
Black	—	—	—	80720-E	—	430 S/S	*	—
Gray	—	—	—	80720-GY	—	302 S/S	<b>S720-N</b> 84020-40	—
Red	—	—	—	80720-R	—			
White	—	—	—	80720-W	—			
Brown	—	—	—	80720	—			

DESCRIPTION  
30A & 50A Power Receptacle  
1-Gang 2.15" dia. Hole  
Use with 278, 279, 5206, 5207, 5371, 5372, 5373, 5374



COLOR	STANDARD	MIDWAY P724	OVERSIZE	STANDARD	MIDWAY N724	MATERIAL	STANDARD	OVERSIZE
Ivory	—	80528-I	—	—	80728-I	Aluminum	<b>A724</b> 83028	—
Black	—	80528-BLK	—	—	80728-E	Steel, Brass Finish	<b>B724</b> 4928	—
Gray	—	—	—	—	80728-GY	Steel, Aluminum Finish	<b>S724-GY</b> 4927	—
White	—	80528-W	—	—	80728-W	430 S/S	<b>S724</b> 84028	—
Brown	—	—	—	—	80728			

DESCRIPTION  
30A & 50A Power Receptacle  
1-Gang 2.465" dia. Hole



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	—	—	—	—	80532-I			
White	—	—	—	—	80532-W			
Black	—	—	—	—	80532-E			

Power Outlet Receptacle—Two Gang  
Thermoset (Plastic)

Thermoplastic (Nylon)

Assorted Metals

DESCRIPTION  
30A & 50A Power Receptacle  
2-Gang 2.15" dia. Hole  
For use with 278, 279, 5206, 5207, 5371, 5372, 5373, 5374



COLOR	STANDARD	MIDWAY PJ 703	OVERSIZE	STANDARD	MIDWAY N703	MATERIAL	STANDARD	OVERSIZE
Ivory	—	80526-I	—	—	80726-I	Brass	<b>B703</b> *	—
Black	—	80526-BLK	—	—	—	Alum	<b>A703</b> 83026	—
White	—	80526-W	—	—	80726-W	Steel, Alum Fin.	<b>S703-GY</b> 4934	—
Brown	—	—	—	—	80726	430 S/S	<b>S703</b> 84026	—

\*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**



# WALLPLATES

## Residential and Commercial Grade Wallplates

### Power Outlet Receptacle – Two Gang Thermoset (Plastic)

### Thermoplastic (Nylon)

### Assorted Metals

#### DESCRIPTION

2-Gang  
2.15" dia. Hole Offset



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						430 S/S	<b>S705</b> 84022	—

#### DESCRIPTION

30A & 50A Power Receptacle  
2-Gang 2.465" dia. Hole



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	—	80530-I	—	—	—	Steel, Alum Fin	<b>S701-GY</b> S701-GY	—
Black	—	80530-BLK	—	—	—	430 S/S	<b>S701</b> *	—
White	—	80530-W	—	—	—	302 S/S	S701-40	—
Gray	—	—	—	—	—			
Almond	—	80530-A	—	—	—			
Light Almond	—	80530-T	—	—	—			

\*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

**NOTE:** Where applicable, Industry Number indicated in **BOLD FACE**. For some wallplates, Industry Number and Leviton Catalog Number are identical.

Residential and Commercial Grade Wallplates



Two Gang with Centered Opening  
Thermoset (Plastic)

DESCRIPTION 2-Gang 1-Toggle	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals			
	COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
							Brass	81040	_____
							430 S/S	_____	_____
							302 S/S	<b>S740-N</b> 84040-40	_____

DESCRIPTION 2-Gang 1-Phone/Cable .406" Hole, Box Mount	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals			
	COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
							Brass	*	_____
							430 S/S	*	_____
							302 S/S	*	_____

DESCRIPTION 2-Gang 1-Phone/Cable .406" Hole, Strap Mount	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals			
	COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
							Brass	*	_____
							430 S/S	*	_____
							302 S/S	*	_____

DESCRIPTION 2-Gang Blank Box Mount	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals			
	COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
							Brass	*	_____
							430 S/S	*	_____
							302 S/S	*	_____

DESCRIPTION 2-Gang Blank Strap Mount	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals			
	COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
							Brass	_____	_____
							430 S/S	_____	_____
							302 S/S	*	_____

DESCRIPTION 2-Gang 1-Decora	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals			
	COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
							Brass	_____	_____
							430 S/S	*	_____
							302 S/S	<b>S746-N</b> S746-N	_____

DESCRIPTION 2-Gang 1 Single Outlet 1.406" dia. Hole	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals			
	COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
							Brass	_____	_____
							430 S/S	*	_____
							302 S/S	<b>S747-N</b> 84092-40	_____

DESCRIPTION 2-Gang 1-Duplex	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals			
	COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
							302 S/S	<b>S748-N</b> 84039-40	_____

\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.





# WALLPLATES

## Residential and Commercial Grade Wallplates

### Louvre Plates

Thermoset (Plastic)			Thermoplastic (Nylon)			Assorted Metals		
---------------------	--	--	-----------------------	--	--	-----------------	--	--

**DESCRIPTION**  
1-Gang Center  
1-Louvre Plate  
Horizontal Box Mount



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86079†	—	—	—	—	Brass	<b>B760</b> 81079	—
White	88079†	—	—	—	—	430 S/S	*	—
						302 S/S	<b>S760-N</b> 84079-40	—

**DESCRIPTION**  
1-Gang  
1-Louvre Plate  
Strap Mount



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86080†	—	—	—	—	Brass	<b>B771</b> 81080	—
White	88080†	—	—	—	—	430 S/S	*	—
						302 S/S	<b>S771-N</b> 84080-40	—

**DESCRIPTION**  
2-Gang  
2-Louvre Plate  
Strap Mount



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	<b>S772-N</b> 84081-40	—

**DESCRIPTION**  
3-Gang  
3-Louvre Plate  
Strap Mount



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	*	—

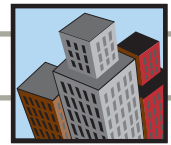
†Painted metal wallplate.

\*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

**NOTE:** Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.



Residential and Commercial Grade Wallplates



Combination Wallplates  
Toggle Switch and Single Receptacle  
Thermoset (Plastic)

Thermoplastic (Nylon)

Assorted Metals

DESCRIPTION

2-Gang  
1-Toggle 1-Single 1.406" dia. Hole



COLOR	STANDARD P17	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86007	-----	-----	-----	-----	Aluminum	*	-----
White	88007	-----	-----	-----	-----	Brass	*	-----
Brown	85007	-----	-----	-----	-----	430 S/S	<b>S17</b> 84007	-----
						302 S/S	<b>S17-N</b> 84007-40	-----

DESCRIPTION

3-Gang  
2-Toggles 1-Single 1.406" dia. Hole



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Aluminum	*	-----
						Brass	*	-----
						430 S/S	*	-----
						302 S/S	<b>S27-N</b> 84088-40	-----

DESCRIPTION

4-Gang  
3-Toggles 1-Single 1.406" dia. Hole



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Aluminum	*	-----
						Brass	*	-----
						430 S/S	*	-----
						302 S/S	<b>S37-N</b> 84042-40	-----

Combination Wallplates  
Toggle Switch and Duplex Receptacle  
Thermoset (Plastic)

Thermoplastic (Nylon)

Assorted Metals

DESCRIPTION

2-Gang  
1-Toggle 1-Duplex



COLOR	STANDARD P18	MIDWAY SPJ18	OVERSIZE P018	STANDARD N18	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86005	80505-I	86105	80705-I	PJ18-I	Aluminum	<b>A18</b> 83005	-----
Black	-----	-----	-----	80705-E	PJ18-E	Brass	<b>B18</b> 81005	-----
Gray	87005	-----	-----	80705-GY	PJ18-GY	430 S/S	<b>S18</b> 84005	*
Red	-----	-----	-----	80705-R	-----	302 S/S	<b>S18-N</b> 84005-40	<b>S018-N</b> 84105-40
White	88005	80505-W	88105	80705-W	PJ18-W			
Brown	85005	80505	85105	80705	-----			
Almond	82005	80505-A	-----	80705-A	PJ18-A			
Light Almond	78005	80505-T	-----	80705-T	PJ18-T			

\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**



# WALLPLATES

## Residential and Commercial Grade Wallplates

### Combination Wallplates Toggle Switch and Duplex Receptacle Thermoset (Plastic)

### Thermoplastic (Nylon)

### Assorted Metals

DESCRIPTION  
3-Gang  
2-Toggles 1-Duplex



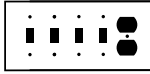
COLOR	STANDARD P28	MIDWAY SPJ28	OVERSIZE	STANDARD N28	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86021	80521-I	—	80721-I	—	Aluminum	*	—
Black	—	—	—	80721-E	—	Brass	<b>B28</b> 81021	—
Gray	87021	—	—	—	—	430 S/S	*	*
White	88021	80521-W	—	80721-W	—	302 S/S	<b>S28-N</b> 84021-40	<b>S028-N</b> 84121-40
Brown	85021	80521	—	—	—			
Almond	82021	80521-A	—	—	—			
Light Almond	78021	80521-T	—	—	—			

DESCRIPTION  
4-Gang  
3-Toggles 1-Duplex



COLOR	STANDARD P38	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	P38-I	—	—	80743-I	—	Aluminum	*	—
White	P38-W	—	—	80743-W	—	Brass	*	—
Brown	P38	—	—	—	—	430 S/S	84043	*
Almond	P38-A	—	—	—	—	302 S/S	*	—
Light Almond	P38-T	—	—	—	—			

DESCRIPTION  
5-Gang  
4-Toggles 1-Duplex

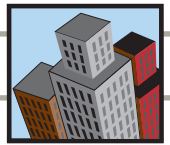


COLOR	STANDARD P48	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	P48-I	—	—	—	—	Brass	*	—
White	P48-W	—	—	—	—	430 S/S	*	—
						302 S/S	<b>S48-N</b> S48-N	—

\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

**NOTE:** Where applicable, Industry Number indicated in **BOLD FACE**. For some wallplates, Industry Number and Leviton Catalog Number are identical.

Residential and Commercial Grade Wallplates



Combination Wallplates  
Toggle Switch and Decora/GFCI  
Thermoset (Plastic)

Thermoplastic (Nylon)

Assorted Metals

DESCRIPTION

2-Gang 1-Toggle 1-Decora/GFCI



COLOR	STANDARD P126	MIDWAY SPJ126	OVERSIZE PO126	STANDARD	MIDWAY PJ126	MATERIAL	STANDARD	OVERSIZE
Ivory	80405-I	80605-I	86605	80707-I	PJ126-I	Brass	*	—
Black	80405-E	—	—	80707-E	—	430 S/S	S126 S126	—
Gray	80405-GY	—	—	80707-GY	—	302 S/S	*	—
Red	—	—	—	80707-R	—			
White	80405-W	80605-W	88605	80707-W	PJ126-W			
Brown	80405	80605	—	80707	PJ126			
Almond	80405-A	80605-A	82605	80707-A	PJ126-A			
Light Almond	80405-T	80605-T	—	80707-T	PJ126-T			

DESCRIPTION

3-Gang 2-Toggles 1-Decora/GFCI



COLOR	STANDARD P226	MIDWAY SPJ226	OVERSIZE	STANDARD	MIDWAY SPI226	MATERIAL	STANDARD	OVERSIZE
Ivory	80421-I	—	—	80745-I	PJ226-I	Brass	*	—
Black	80421-E	—	—	—	—	430 S/S	*	—
White	80421-W	—	—	80745-W	PJ226-W	302 S/S	S226-N 84421-40	—
Brown	80421	—	—	—	PJ226			
Almond	80421-A	—	—	80745-A	PJ226-A			
Light Almond	80421-T	—	—	—	PJ226-T			

DESCRIPTION

3-Gang 2-Decora/GFCI 1 - Toggle



COLOR	STANDARD P1262	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80431-I	—	—	80731-I	—	Brass	*	—
Black	—	—	—	80731-E	—	430 S/S	*	—
Gray	80431-GY	—	—	80731-GY	—	302 S/S	*	—
White	80431-W	—	—	80731-W	—			
Brown	80431	—	—	—	—			
Almond	80431-A	—	—	—	—			
Light Almond	80431-T	—	—	—	—			

DESCRIPTION

4-Gang 2-Toggles 2-Decora/GFCI



COLOR	STANDARD P326	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	P326-I	—	—	80732-I	—	Brass	*	—
White	P326-W	—	—	80732-W	—	430 S/S	*	—
Brown	P326	—	—	—	—	302 S/S	*	—
Almond	P326-A	—	—	—	—			
Light Almond	P326-T	—	—	—	—			

DESCRIPTION

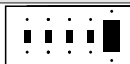
4-Gang 3-Toggles 1-Decora/GFCI



COLOR	STANDARD P2262	MIDWAY	OVERSIZE	STANDARD	MIDWAY SPJ826	MATERIAL	STANDARD	OVERSIZE
Ivory	P2262-I†	—	—	—	—	Brass	*	—
White	P2262-W†	—	—	—	—	430 S/S	*	—
						302 S/S	*	—

DESCRIPTION

5-Gang 4-Toggles 1-Decora/GFCI



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY SPJ826	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	S426-N S426-N	—

†Painted metal wallplate.


\*Consult your Leviton representative for ordering details: allow 3-4 weeks for delivery.

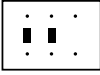



# WALLPLATES

## Residential and Commercial Grade Wallplates


### Combination Wallplates Toggle Switch and Blank—Box Mount and Strap Mount

Thermoset (Plastic)			Thermoplastic (Nylon)			Assorted Metals		
<b>DESCRIPTION</b> 2-Gang 1-Toggle 1-Blank, Strap Mount 								
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	_____	_____	_____	80706-I	_____	Aluminum	*	_____
Black	_____	_____	_____	80706-E	_____	Brass	*	_____
Gray	_____	_____	_____	80706-GY	_____	430 S/S	*	_____
Red	_____	_____	_____	80706-R	_____	302 S/S	<b>S114-N</b> 84077-40	_____
White	_____	_____	_____	80706-W	_____			
Brown	_____	_____	_____	80706	_____			
Almond	_____	_____	_____	80706-A	_____			
Light Almond	_____	_____	_____	80706-T	_____			

<b>DESCRIPTION</b> 3-Gang 2-Toggles 1-Blank, Strap Mount 								
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	_____
						430 S/S	*	_____
						302 S/S	<b>S214-N</b> S214-N	_____

<b>DESCRIPTION</b> 2-Gang 1-Toggle 1-Blank, Box Mount 								
COLOR	STANDARD P113	MIDWAY SPJ113	OVERSIZE P0113	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86006	80506-I	86106	_____	_____	Brass	*	_____
Gray	87006	_____	_____	_____	_____	430 S/S	*	_____
White	88006	80506-W	88106	_____	_____	302 S/S	<b>S113-N</b> 84006-40	_____
Brown	85006	80506	85106	_____	_____			

### Combination Wallplates Standard Combinations—Two Gang

Thermoset (Plastic)			Thermoplastic (Nylon)			Assorted Metals		
<b>DESCRIPTION</b> 2-Gang 1-Single 1.406" dia. hole 1-Duplex 								
COLOR	STANDARD P78	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86046†	_____	_____	_____	_____	Aluminum	*	_____
White	88046†	_____	_____	_____	_____	Brass	*	_____
						430 S/S	*	*
						302 S/S	<b>S78-N</b> 84046-40	<b>S078-N</b> 84146-40

†Painted metal wallplate.

\*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

**NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.**

Residential and Commercial Grade Wallplates



Combination Wallplates  
Standard Combinations—Two Gang  
Thermoset (Plastic)

Thermoplastic (Nylon)

Assorted Metals

DESCRIPTION

2-Gang  
1-Duplex 1-Decora/GFCI



COLOR	STANDARD P826	MIDWAY	OVERSIZE	STANDARD	MIDWAY PJ826	MATERIAL	STANDARD	OVERSIZE
Ivory	80455-I	—	—	80746-I	PJ826-I	Aluminum	*	—
Black	—	—	—	80746-E	—	Brass	*	—
Gray	—	—	—	80746-GY	—	430 S/S	*	—
Red	—	—	—	80746-R	—	302 S/S	<b>S826-N</b> 84455-40	—
White	80455-W	—	—	80746-W	PJ826-W			
Brown	80455	—	—	80746	PJ826			
Almond	80455-A	—	—	80746-A	PJ826-A			
Light Almond	80455-T	—	—	80746-T	PJ826-T			

DESCRIPTION

2-Gang  
1-Toggle 1-Phone/Cable .406" dia. hole, Strap Mount



COLOR	STANDARD P112	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86077	—	—	—	—	Brass	*	—
White	88077	—	—	—	—	430 S/S	*	—
						302 S/S	<b>S112-N</b> S112-N	—

DESCRIPTION

2-Gang  
1-Phone/Cable .406" dia. hole, Strap Mount 1 – Duplex



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86078	—	—	—	—	Brass	*	—
White	88078	—	—	—	—	430 S/S	*	—
						302 S/S	<b>S128-N</b> 84078-40	—

DESCRIPTION

2-Gang  
1-Phone/Cable .406" dia. hole 1 – Blank, Strap Mount



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	—
						430 S/S	*	—
						302 S/S	*	—

DESCRIPTION

2-Gang  
1-Phone/Cable .406" dia. hole 1 – Blank, Strap Mount



COLOR	STANDARD P1226	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80479-I	—	—	—	—	Brass	*	—
White	80479-W	—	—	—	—	430 S/S	*	—
						302 S/S	*	—

DESCRIPTION

2-Gang  
1-Blank 1- Duplex, Box Mount



COLOR	STANDARD P138	MIDWAY SPJ138	OVERSIZE P0138	STANDARD N138	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86008	80508-I	86108	N138-I	—	Brass	*	—
White	88008	80508-W	—	N138-W	—	430 S/S	*	—
Brown	85008	80508	85108	—	—	302 S/S	<b>S138-N</b> 84008-40	—

\*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.





# WALLPLATES

## Residential and Commercial Grade Wallplates

### Combination Wallplates Standard Combinations—Two Gang Thermoset (Plastic)

**DESCRIPTION**  
2-Gang  
1-Blank 1- Duplex, Strap Mount



COLOR	STANDARD P148	MIDWAY	OVERSIZE	STANDARD PJ826	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86087†	—	—	—	—	Brass	*	—
White	88087†	—	—	—	—	430 S/S	*	—
						302 S/S	<b>S148-N</b> 84087-40	—

**DESCRIPTION**  
2-Gang  
1-Blank 1-Single 1.406" dia. hole, Strap Mount



COLOR	STANDARD P147-I	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86085†	—	—	—	—	Aluminum	*	—
White	88085†	—	—	—	—	Brass	*	—
						430 S/S	*	—
						302 S/S	<b>S147-N</b> 84085-40	—

**DESCRIPTION**  
2-Gang  
1-Blank 1-Decora/GFCI, Strap Mount



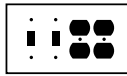
COLOR	STANDARD P1426	MIDWAY SPJ1326	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	P1426-I†	80608-I	—	80708-I	—	Brass	*	—
Black	—	—	—	80708-E	—	430 S/S	*	*
Gray	—	—	—	80708-GY	—	302 S/S	<b>S1426-N</b> S1426-N	*
Red	—	—	—	80708-R	—			
White	P1426-W†	80608-W	—	80708-W	—			
Brown	—	80608	—	80708	—			
Almond	—	80608-A	—	80708-A	—			
Light Almond	—	80608-T	—	80708-T	—			

**STANDARD COMBINATIONS—THREE GANG**  
**DESCRIPTION**  
3-Gang  
1-Toggle 2-Duplex



COLOR	STANDARD P182	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86047	—	—	80747-I	—	Brass	*	—
White	88047	—	—	80747-W	—	430 S/S	*	*
Brown	85047	—	—	—	—	302 S/S	<b>S182-N</b> 84047-40	<b>S0182-N</b> 84147-40

**STANDARD COMBINATIONS—FOUR GANG**  
**DESCRIPTION**  
4-Gang  
2-Toggle 2-Duplex

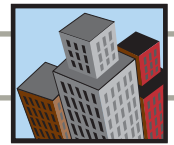


COLOR	STANDARD P1226	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Aluminum	*	—
						Brass	<b>B282</b> 81045	—
						430 S/S	*	—
						302 S/S	<b>S282-N</b> 84045-40	—

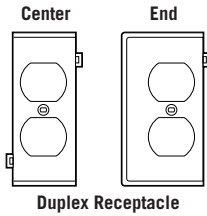
†Painted metal wallplate.

\*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

**NOTE:** Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.



### Sectional Wallplates for Multi-Gang Installations† Thermoplastic Construction



DESCRIPTION	COLOR	CENTER PANELS CAT. NO.	END PANELS CAT. NO.
Duplex Receptacle	White Ivory Red	PSC 8-W PSC 8-I PSC8-R	PSE 8-W PSE 8-I PSE8-R
Toggle Switch	White Ivory	PSC 1-W PSC 1-I	PSE 1-W PSE 1-I
Single Receptacle, 1.406" dia. hole	White Ivory Red	PSC 7-W PSC 7-I PSC7-R	PSE 7-W PSE 7-I PSE7-R
Blank, Strap-Mount	White Ivory	PSC 14 PSC14-I	PSE 14-W PSE 14-I
Decora	White Ivory	PSC 26-W PSC 26-I	PSE 26-W PSE 26-I

† Outer dimensions of wallplates created from two or more sectional panels will be the same as standard multi-gang plates.

### Horizontal Split Plate for Terminated Cable

**DESCRIPTION**  
Horizontal Split Plate for Terminated Cable  
1-Gang .625" dia. Hole w/Grommet .406" inner dia.



COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
Ivory	N751-I	N751-I	BRASS	*	—
White	N751-W	N751-W	430 S/S	*	—
			302 S/S	S751-N	S751-N

### Hot Stamped And Engraved Plates Thermoset (Plastic)

**DESCRIPTION**  
1-Gang 1-Duplex  
Stamped And Engraved  
"EMERGENCY"



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Red	—	—	—	80703-RE	PJ8-RE	302 S/S	84003-E40	—

**DESCRIPTION**  
2-Gang 2-Duplex  
Stamped And Engraved  
"EMERGENCY"



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Red	—	—	—	80716-RE	PJ82-RE	302 S/S	84016-E40	—

**DESCRIPTION**  
1-Gang 1-Duplex  
Stamped And Engraved  
"ISOLATED GROUND"



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Orange	—	—	—	80703-IG	PJ8-IG	302 S/S	84003-IG	—
Ivory	—	—	—	80703-IGI	—			
White	—	—	—	80703-IGW	—			

**DESCRIPTION**  
2-Gang 2-Duplex  
Stamped And Engraved  
"ISOLATED GROUND"



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Orange	—	—	—	80716-IG	—	302 S/S	*	—

**DESCRIPTION**  
1-Gang 1-Single, 1.406" Dia. Hole  
Stamped And Engraved  
"ISOLATED GROUND"



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Orange	—	—	—	80704-IG	—	302 S/S	*	—

\*Consult The End Of This Wallplate Section For Ordering Details: Allow 3-4 Weeks For Delivery.



# ENGRAVED WALLPLATES

## Residential and Commercial Grade Wallplates

### Hot Stamped and Engraved Plates

Thermoset (Plastic)			Thermoplastic (Nylon)			Assorted Metals (Engraved)		
---------------------	--	--	-----------------------	--	--	----------------------------	--	--

#### DESCRIPTION

1-Gang 1-Single, 1.60" Dia. Hole  
Stamped And Engraved "ISOLATED GROUND"  
For Use With 20A & 30A Single Locking  
Receptacles



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Orange	_____	_____	_____	80720-IG	_____	302 S/S	*	_____

1-Gang 1-Toggle  
Stamped And Engraved  
"EMERGENCY"



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Red	_____	_____	_____	80701-RE	_____	302 S/S	84001-E40	_____

1-Gang 1-Duplex  
Stamped  
"GFCI PROTECTED"



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	_____	_____	_____	80703-GFI	_____	302 S/S	*	_____
White	_____	_____	_____	80703-GRW	_____	302 S/S	*	_____

1-Gang 1-Duplex  
Stamped  
"COMPUTER ONLY"



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	_____	_____	_____	80703-COI	_____	302 S/S	*	_____
White	_____	_____	_____	80703-COW	_____	302 S/S	*	_____

1-Gang 1-Decora  
Stamped  
"SURGE PROTECTED"



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
_____	_____	_____	_____	*	_____	302 S/S	*	_____

1-Gang 1-Decora  
Stamped  
"ISOLATED GROUND"



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Orange	_____	_____	_____	80401-IG	_____	302 S/S	*	_____

1-Gang 1-Decora  
Stamped  
"GFCI"



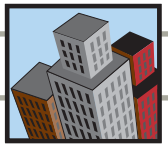
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	_____	_____	_____	80401-GFI	_____	302 S/S	*	_____
White	_____	_____	_____	80401-GFW	_____	302 S/S	*	_____

1-Gang 1-Decora  
Stamped  
"COMPUTER ONLY"



COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	_____	_____	_____	80401-COI	_____	302 S/S	*	_____
White	_____	_____	_____	80401-COW	_____	302 S/S	*	_____

\*Consult The End Of This Wallplate Section For Ordering Details: Allow 3-4 Weeks For Delivery.



**Voice/Data/CATV Wallplates**

These sturdy, high-impact wallplates for the 46000 series voice/data devices are available for single-gang applications with standard or Decora-compatible styling.



**Standard Size  
Voice/Data/Catv Wallplates\***

DESCRIPTION	COLOR (NYLON)	METAL	CAT. NO.
1-Gang Type "F" Connector	Ivory	—	80781-I
	White	—	80781-W
	Almond	—	80781-A
	Light Almond	—	80781-T
1-Gang Duplex Type "F" Connector	Ivory	—	80782-I
	White	—	80782-W
	Almond	—	80782-A
	Light Almond	—	80782-T
1-Gang* Db9 Data Connector Db15 Data Connector	—	302 S/S	84441-40
	—	302 S/S	84442-40
1-Gang* Bnc/Tnc "D" Connector	—	302 S/S	84444-40

For more information regarding Voice/Data/CATV Wallplates, refer to Section L.



# WEATHER-RESISTANT COVERS

## Commercial Grade

### Features and Benefits

#### Plastic

- Impact resistant thermoplastic construction
- Pre-installed gasket for easy, reliable installation
- Tongue and groove plate-to-cover construction
- Offset device opening (horizontal only) for easier cord exit
- Thermoplastic inserts prevent insect and debris accumulation

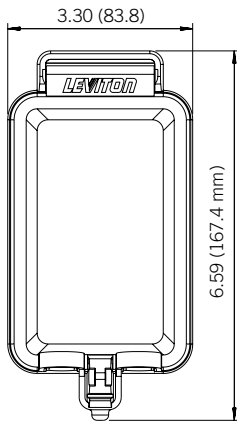
#### Plastic and Metal

- Self-closing
- Vertical and horizontal mounting
- Die cast aluminum or impact-resistant thermoplastic covers and bases
- Weather-resistant gaskets
- Stainless steel springs
- Gray or clear finish

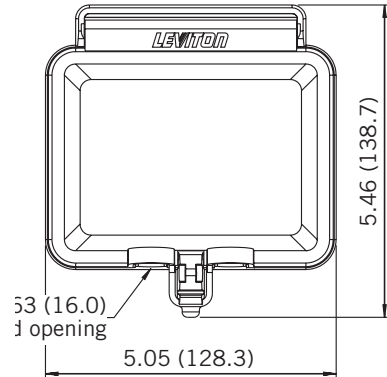
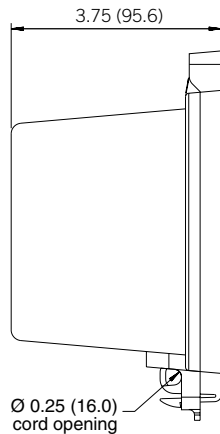


### Raintight While-In-Use Covers

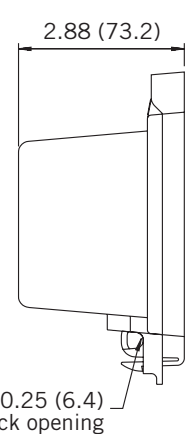
DESCRIPTION	MOUNTING	CAT. NO.
Duplex Receptacle, Gray, Standard	Vertical	5976-GY
Duplex Receptacle, Gray, Extra Deep	Vertical	5976-DGY
Duplex Receptacle, Clear, Standard	Vertical	5976-CL
Duplex Receptacle, Clear, Extra Deep	Vertical	5976-DCL
Decora/GFCI, Clear, Standard	Vertical	5977-CL
Decora/GFCI, Clear, Extra Deep	Vertical	5977-DCL
Single Receptacle, Gray, Standard	Vertical	5978-GY
Single Receptacle, Clear, Standard	Vertical	5978-CL
Single Receptacle, Gray, Extra Deep	Vertical	5978-DGY
Single Receptacle, Clear, Extra Deep	Vertical	5978-DCL
Duplex Receptacle, Gray, Standard	Horizontal	5996-GY
Duplex Receptacle, Gray, Extra Deep	Horizontal	5996-DGY
Duplex Receptacle, Clear, Standard	Horizontal	5996-CL
Decora/GFCI, Gray, Standard	Horizontal	5997-GY
Decora/GFCI, Gray, Extra Deep	Horizontal	5997-DGY
Decora/GFCI, Clear, Standard	Horizontal	5997-CL
Decora/GFCI, Clear, Extra Deep	Horizontal	5997-DCL
Single Receptacle, Gray, Standard	Horizontal	5998-GY
Single Receptacle, Gray, Extra Deep	Horizontal	5998-DGY
Single Receptacle, Clear, Standard	Horizontal	5998-CL



**VERTICAL MOUNT, EXTRA DEEP  
5976-D**



**HORIZONTAL MOUNT, STANDARD  
5997**



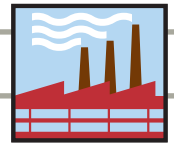
#### SPECIFICATIONS & FEATURES

- Mounting Screws and rubber gasket included for fast, easy installation onto surface-mounted outdoor-type boxes or flush-mounted wall boxes
- Easy-grip self-closing covers with durable, non-corrosive stainless steel screws
- acked by a Limited Two-Year Warranty

#### TESTING AND CODE COMPLIANCE

- Full compliance with UL, CSA and NEC Section 410-57 requirements for damp and wet locations with cover closed
- Raintight while-in-use covers are NEMA 3R rated for use with unattended plugs engaged in "live" receptacles in wet or damp locations





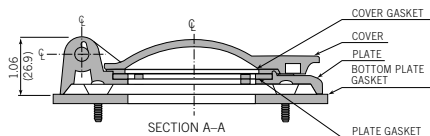
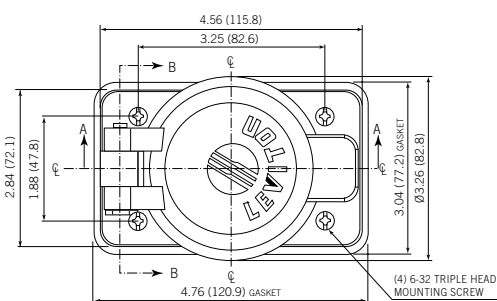
### Features and Benefits

- Glass-filled thermoplastic cover and plate for outstanding impact resistance and durability
- UL 94-VO Flammability Rating
- Superior IP 54 Suitability rating protects against dust particles and splashing water
- NEMA Type 3R enclosure rating ensures protection against rain, sleet and damage from external ice formation
- Dual gaskets, one under plate and one under lid, for weather-resistant fit
- Stainless steel hinge-pin, spring and mounting screws for excellent corrosion resistance
- Triple-combination screws accept Phillips, straight-blade or Robertson-head screwdrivers
- Oversized cover tab for easier opening with gloved hands
- Mounts to panel or FS/FD boxes
- UL Listed and CSA certified for wet locations with cover closed

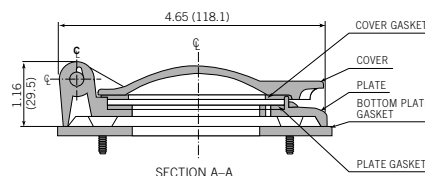
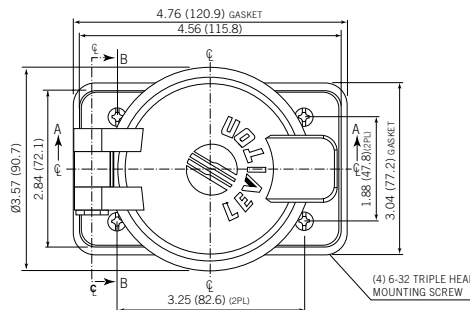


### Industrial Weather-Resistant Covers

DESCRIPTION	COLOR	CAT. NO.
For use with 15-amp locking, 15-amp and 20-amp straight-blade flanged inlets and outlets	GRAY	WP1
For use with 20-amp and 30-amp 3-, 4-, and 5-wire locking flanged inlets and outlets; 30-amp and 50-amp 3-wire power receptacles	GRAY	WP2
For use with 20-amp and 30-amp and FS/FD boxes single locking receptacles	YELLOW	7420-CR



**WATER RESISTANT COVER  
WP1 and 7420-CR**



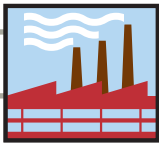
**WATER RESISTANT COVER  
WP2**

#### TESTING AND CODE COMPLIANCE

- UL Listed (File # E-13397)
- CSA Certified (File # LR-16347)
- NOM Certified (# 057)
- IP 54 Suitability rating (protected against dust and splashing water)
- NEMA Type 3R enclosure rating
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

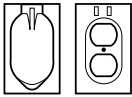
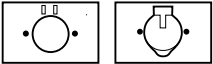
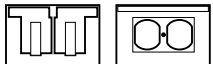
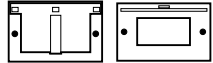
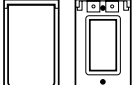

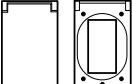


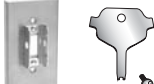
Environmental: VO Flammability Rating per UL 94  
Operating Temperature: -40°C to 75°C



# WEATHER-RESISTANT COVERS

## Industrial Grade

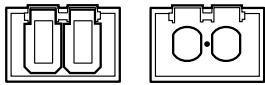
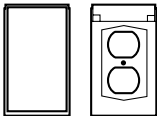
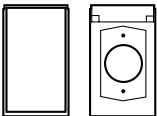
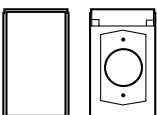
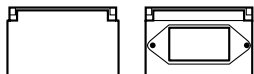
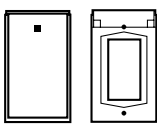
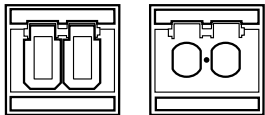
### Die-Cast Zinc Weather-Resistant Covers

DESCRIPTION		MOUNTING	CAT. NO.
Duplex Receptacle 1-GANG		Vertical	4926
Single Receptacle 1-GANG Self-Closing Lid		Horizontal	4925-2
Duplex Receptacle or Combination Device 1-GANG Two Independent Self-Closing Lids <sup>H</sup>		Horizontal	4970
Decora/GFCI 1-GANG Self-Closing Lid		Horizontal	4990
Decora/GFCI 1-GANG Self-Closing Lid <sup>H</sup>		Vertical	4992
Decora/GFCI 1-GANG Self-Closing Lid for mounting on FS type box		Horizontal	6196-FS
Decora/GFCI 1-GANG Self-Closing Lid for mounting on FS type box		Vertical	6196-VFS
Weatherproof Wallplate & Switch 15A 120V AC		Horizontal or Vertical	1432
NEMA 1 Steel Enclosure without Switch		Vertical	N13NC
DESCRIPTION		COLOR	CAT. NO.
Lockout Wallplate (lock sold separately)		S/S	84001-LOK

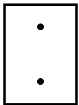
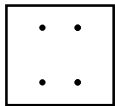
All devices are UL Listed . Also CSA Certified except where indicated by<sup>H</sup>




### Thermoplastic Weather-Resistant Covers

DESCRIPTION		MOUNTING	CAT. NO.
Duplex Receptacle or Combination Device 1-GANG Two Independent Self-Closing Lids		Horizontal	4976-GY 4976-W
Duplex Receptacle or Combination Device 1-GANG Self-Closing Lid		Vertical	4978-GY 4978-W
Single Receptacle 1-GANG Self-Closing Lid		Vertical	4979-GY
Single 20A or 30A Locking Receptacle 1-GANG Self-Closing Lid		Vertical	4980-GY
Decora/GFCI 1-GANG Self-Closing Lid		Horizontal	4996-GY 4996-W
Decora/GFCI 1-GANG Self-Closing Lid		Vertical	4998-GY 4998-W
Oversized Duplex 1-GANG Two Independent Self-Closing Lids		Horizontal	4986-GY

### Blank Box Mounted Wallplates with Gasket

DESCRIPTION		MOUNTING	CAT. NO.
1-GANG Aluminum, Box Mount		N/A	83014-EXT
2-GANG Aluminum, Box Mount		N/A	83025-EXT

### Type 302 Stainless Steel Wallplate—Box Mount

DESCRIPTION		COLOR	CAT. NO.
Type 302 Stainless Steel Wallplate w/Tamper-Resistant Screws and Spanner Tool		S/S	84071-40

All devices are UL Listed and CSA Certified.



# WALLPLATE ACCESSORIES

## Commercial Grade

### Wallplate Screws

DESCRIPTION	COLOR	CAT. NO.
Oval Head Milled Slot 5/16" long—6-32 thread 100 per box	Ivory Gray White Brown Almond S/S	86400-PRT 87400-PRT 88400-PRT 85400-PRT 82400-PRT 84400-PRT
Oval Head Milled Slot 1/2" long—6-32 thread 100 per box	Ivory Black Gray White Brown S/S	86000-PRT 83000-PRT 87000-PRT 88000-PRT 85000-PRT 84000-PRT
Oval Head Milled Slot 7/8" long—6-32 thread 50 per box	Ivory Red White Brown S/S	86500-PRT 89500-PRT 88500-PRT 85500-PRT 84500-PRT

### Pilot Light Jewels

DESCRIPTION	COLOR	CAT. NO.
Round Fits single receptacle hole 1.375–1.406" dia.	Green Red	405 GR 405 R
Rectangular Fits toggle switch hole .406 x .942"	Green Red	406 GR 406 R
Lampholder Assembly for use with jewels or louvre plates—use with standard 2.5" box and 4 watt bulb (bulb included)		2152

### Mounting Screws

DESCRIPTION	COLOR	CAT. NO.
Phillips/Standard 7/8" long—6-32 thread 50 per bag	S/S	84440

### Decora Plus Standard Size Plastic Adapters

DESCRIPTION	COLOR	CAT. NO.
CATV Jack	Ivory Black Gray White Almond Light Almond	80381-I 80381-E 80381-GY 80381-W 80381-A 80381-T
Blank No Hole	Ivory Black Gray White Almond Light Almond	80314-I 80314-E 80314-GY 80314-W 80314-A 80314-T

All devices are UL Listed and CSA Certified.

### Tamper-Resistant Spanner Head Screws

DESCRIPTION	COLOR	CAT. NO.
Spanner Head 1/2" long—6-32 thread, 100 per box	S/S	84000-T
Screwdriver for Spanner head or Tamper-Resistant screws	Black	84000-TSD

### Plastic Wallplate Adapters

DESCRIPTION	COLOR	CAT. NO.
These adapters permit the use of rotary dimmers in multi-gang Decora installations or fill blank holes in multi-device Decora or toggle wallplates.		
Dimmer Shaft .406" dia. Hole	Ivory Black Gray Brown White Almond Light Almond	80400-I 80400-E 80400-GY 80400 80400-W 80400-A 80400-T
Blank Decora No Hole	Ivory Black Gray Brown White Almond Light Almond	80414-I 80414-E 80414-GY 80414 80414-W 80414-A 80414-T
Blank Toggle No Hole	Ivory Gray Brown White	80700-I 80700-GY 80700 80700-W
Wallbox Adapter Extends shallow wallbox to fit GFCI/Decora devices	Ivory Brown White	6197-I 6197 6197-W

Snap in Grommet reduces 1.406" to 1.00" for use with single receptacle wallplates	Black	403-E
--	-------	-------

Thermoplastic Yoke/Mounting Strap w/screws Custom wallplate configurations 11, 23, 27 and 31 are supplied with strap kits. See page G42		404
---	--	-----

### Special Wallplates

The Order Form and instructions requesting custom wallplate configurations are found on the following pages. Custom wallplates are available in a variety of metals and can be requested from Leviton through special order, beginning on the next page.

All devices are UL Listed and CSA Certified.



How to Order Custom Wallplates

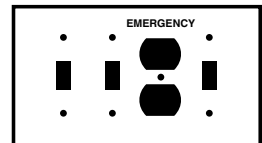


General Information

Custom wallplates, up to twelve gangs in size, made of brass, stainless steel, painted steel, aluminum or chrome, can be special ordered from Leviton. Any combination of the configurations shown can be specified to meet your needs. In addition, standard and custom metal wallplates can be engraved, and standard nylon wallplates can be hot stamped, with the message of your choice. Follow the steps below to fill out the Custom Wallplate Order Form completely and accurately. The finished order form must include:

1. The wallplate catalog number
2. The type of wallplate material desired (from the Material Code Chart)
3. The quantity of wallplates desired
4. The wallplate configurations in proper order (from the Configuration Code Chart)
5. The wallplate color, selected from the Wallplate Color Code Chart
6. Engraved or hot stamped message, if desired, with message location and letter size
7. Engraved or hot stamped message filler color, selected from the Fill-In Color Chart

Photocopy the blank Custom Wallplate Order Form at the back of this section and refer to the completed sample Custom Wallplate Order Form shown when filling out your order. Your Leviton representative can provide you with additional forms if needed. The sample order grid below shows the custom wallplate pictured at right:



Sample Grid

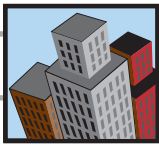
CAT. NO. 90004 MATERIAL CODE 53 QTY. 1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
01	01	EMERGENCY 03	01	□	□	□	□	□	□	□	□

COLOR CODE \_\_\_\_\_ ENGRAVED  HOT STAMPED \_\_\_\_\_ LETTER SIZE 3/8"

FILLER CODE XR PRICE \_\_\_\_\_





# WALLPLATES

## How to Order Custom Wallplates

### How to Fill Out the Custom Wallplate Order Form

#### STEP 1: DETERMINE THE WALLPLATE CATALOG NUMBER

The catalog number for a custom wallplate is determined as follows: a single-gang custom wallplate is Cat. No. 90001, a double-gang custom wallplate is Cat. No. 90002, a three-gang custom wallplate is Cat. No. 90003, and so on through the sequence to Cat. No. 90010 for the ten-gang custom wallplate. Enter the number in the space on the Order Form marked "CAT. NO." If you are ordering a standard metal wallplate for custom engraving, use the 90000 series number. If you are ordering a standard nylon wallplate for custom hot stamping, enter that wallplate's catalog number in the space on the Order Form marked "CAT. NO."

#### STEP 2: SELECT THE WALLPLATE MATERIAL

Choose the custom wallplate material desired from the Wallplate Material Chart below. Enter the Material Code for the material selected in the space marked "MATERIAL CODE" on the Order Form. When ordering Custom Hot Stamped wallplates, enter NYLON.

MATERIAL	MATERIAL CODE
Aluminum <sup>†</sup>	AL
Brass (Satin) Polished Brass	BR PB
Non-Magnetic Stainless Steel-Type 302/304	S3
Oversize Non-Magnetic Stainless Steel-Type 302/304*	S30
Painted Steel	S5
Oversize Painted Steel*	S50
Chrome	CRM
Raw Steel	RAW

<sup>†</sup>6-Gang maximum size, standard size only

\*4-Gang maximum size

#### STEP 3: DETERMINE THE QUANTITY OF THE WALLPLATE ORDER

Enter the quantity of wallplates needed in the space marked "QUANTITY" on the Order Form.

#### STEP 4: DETERMINE THE CUSTOM WALLPLATE CONFIGURATION

The Wallplate Configuration Chart below shows all the configurations that can be specified for Leviton custom metal wallplates. Each configuration has a specific Configuration Code number in the lower right-hand corner of its corresponding space on the chart. Enter this configuration code in the center of the corresponding square on the Order Form Grid to match its desired position on the finished custom wallplate. Refer to the Sample Order Form Grid for clarification on configurations and their placement, if necessary (page G43).

 Toggle Switch <b>01</b>	 Duplex Receptacle <b>03</b>	 Louvre Horizontal Mount <b>05</b>	 Louvre Vertical Mount* <b>07</b>	 Blank Box Mount <b>09</b>	 Blank Strap Mount <b>11</b>
 Decora/GFCI <b>13</b>	 Single 1.406" dia. Receptacle <b>15</b>	 1.60" dia. Hole <b>17</b>	 2.15" dia. Hole** <b>19</b>	 2.647" dia. Hole** <b>21</b>	 .312" dia. Hole Strap Mount <b>23</b>
 .312" dia. Hole Box Mount <b>25</b>	 .406" dia. Hole Strap Mount <b>27</b>	 .406" dia. Hole Box Mount <b>29</b>	 .625" dia. Hole Strap Mount <b>31</b>	 .625" dia. Hole Box Mount <b>33</b>	 Interchangeable 1-Device Vertical <b>35</b>
 Interchangeable 1-Device Horizontal <b>37</b>	 Interchangeable 2-Device <b>39</b>	 Interchangeable 3-Device <b>41</b>	 2.460" dia. Hole 2-Gang Only** <b>47</b>	0.880" dia. Hole for Key Lock Power Switch**. Tamper-resistant screws and screwdriver included w/Key Lock configurations. Device mount unless specified otherwise. For 1-gang, order 84071-40.	
				 Interchangeable 1-Device Vertical <b>49</b>	

Enter the code number for the configurations you select in the center box on each desired wallplate position on the Custom Wallplate Order Form.

\*3-Gang minimum

\*\*2-Gang minimum



### How to Fill Out the Custom Wallplate Order Form (continued)

#### STEP 5: SELECT THE WALLPLATE COLOR

For painted metal, select one of the following colors and enter its color code in the space marked "COLOR CODE" on the order form:

COLOR	WALLPLATE COLOR CODE
Almond	PA
Black	PE
Brown	PB
Gray	PG
Ivory	PI
Orange	PO
Red	PR
White	PW

#### STEP 6: ENTER ENGRAVING INFORMATION

**NOTE: WE CAN ENGRAVE NYLON AND PAINTED AND UNPAINTED METAL WALLPLATES. After completing steps 1-5:**

**6A)** Type or clearly print the message(s) (i.e., TURN OFF) as you wish it to appear on the lines provided in the appropriate Grid box(es). **6B)** Select the size of the letters you desire for the wallplate message from the dimensions shown below and enter that size in the space marked "LETTER SIZE" on the Order Form. **6C)** Select the fill-in color for the message letter from the chart below and enter the code for the color chosen in the space marked "FILLER CODE."

##### FILLER COLOR CODES for Engraved Wallplates

COLOR	CODE
Black	XE
White	XW
Red	XR
No Filler	XX

##### LETTER SIZE GAUGE for Engraved Wallplates

1/8"	3/16"	1/4"	5/16"	3/8"
E	E	E	E	E

#### STEP 7: ENTER HOT STAMPING INFORMATION

**7A)** Select the message(s) desired from the Message Library below. Enter the message on the lines provided in the appropriate Grid box(es) where they should appear. The message will be stamped in 3/16"-high text.

##### HOT STAMPING MESSAGE LIBRARY FOR CUSTOM NYLON WALLPLATES

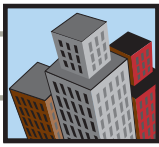
1. SHOWER	7. HEAT	13. ON	19. ISOLATED	25. EQUIP
2. VANITY	8. DATA	14. PROTECTED	20. GROUND	26. FLUORESCENT
3. VOICE	9. COMPUTER	15. OFF	21. CONDITIONED	27. OIL
4. ONLY	10. GFCI	16. OIL BURNER	22. CONDITIONED POWER	28. POWER
5. ISOLATED GROUND	11. SURGE	17. PC	23. CRITICAL	29. UPS
6. EMERGENCY	12. FAN	18. DEDICATED	24. ELEC.	

**7B)** Select the fill-in color for the message letter from the chart below and enter the code for the color chosen in the space marked "FILLER CODE."

COLOR	CODE
Black	XE
White	XW
Red	XR
No Filler	XX

To order nylon wallplates with custom hot stamped message, contact your Leviton salesman or customer service representative.

**8) NOTE:** Sequential engraving is available. Consult factory for ordering instructions.



# WALLPLATES

## How to Order Custom Wallplates

### Custom Wallplate Order Form

BILL TO:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SHIP TO:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CAT. NO. \_\_\_\_\_ MATERIAL CODE \_\_\_\_\_ QTY. \_\_\_\_\_

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

COLOR CODE \_\_\_\_\_ ENGRAVED \_\_\_\_\_ HOT STAMPED \_\_\_\_\_ LETTER SIZE \_\_\_\_\_

FILLER CODE \_\_\_\_\_ PRICE \_\_\_\_\_

### ENGRAVING INFORMATION (Please print per corresponding gang number.)

(1)

(2)

(3)

(4)

(5)

(6)

(7)

(8)

(9)

(10)

(11)

(12)

**DESCRIPTION**  
(Use this space to add additional information that may be helpful.)

**TERMS**

- Please take care to complete your order carefully. Custom wallplates cannot be returned
- Custom orders are shipped in three to four weeks
- All engraving shall be centered within its corresponding gang unless specifically instructed to span across multiple gangs
- All engravings on toggle configurations shall appear above the mounting screw holes unless specifically instructed otherwise
- All engravings on GFCI/Decora configurations shall appear below the mounting screw hole unless specifically instructed otherwise

Wallplates



# AC Switches

## INDEX

### Industrial Grade Switches

Overview	F2
Back and Side Wired	F3
Toggle	F3
Locking	F3
Canadian 347V AC	F3
Pilot Light	F4
Lighted Handle	F4
Maintained Contact	F5
Momentary Contact	F5
Side Wired	F6
Toggle	F6
Locking	F6
AC Manual Motor and Welder Starting	F7
Safety Disconnect Switches	F8, F9
Key Lock Power	F10

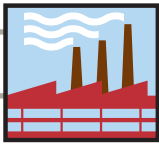
### Commercial Grade Switches

Overview	F11
Back and Side Wired	F12
Toggle	F12
Side Wired	F12
Toggle	F12
Hospital Call	F12
Canadian 120/277V AC	F12
Lighted Toggle	F13
Canadian 347V AC	F13
Framed Toggle	F13
Surface Mount	F13

### Residential Grade Switches

Quickwire and Sidewire	F14
Illuminated Toggle	F14
CO/ALR	F14





## AC SWITCH FEATURES

### Industrial Grade AC Switches

**LEVITON OFFERS A FULL LINE OF 15, 20 AND 30 AMP AC SWITCHES, AVAILABLE IN INDUSTRIAL, COMMERCIAL AND RESIDENTIAL GRADE, WITH A WIDE VARIETY OF COLORS, WIRING OPTIONS AND OTHER FEATURES.**

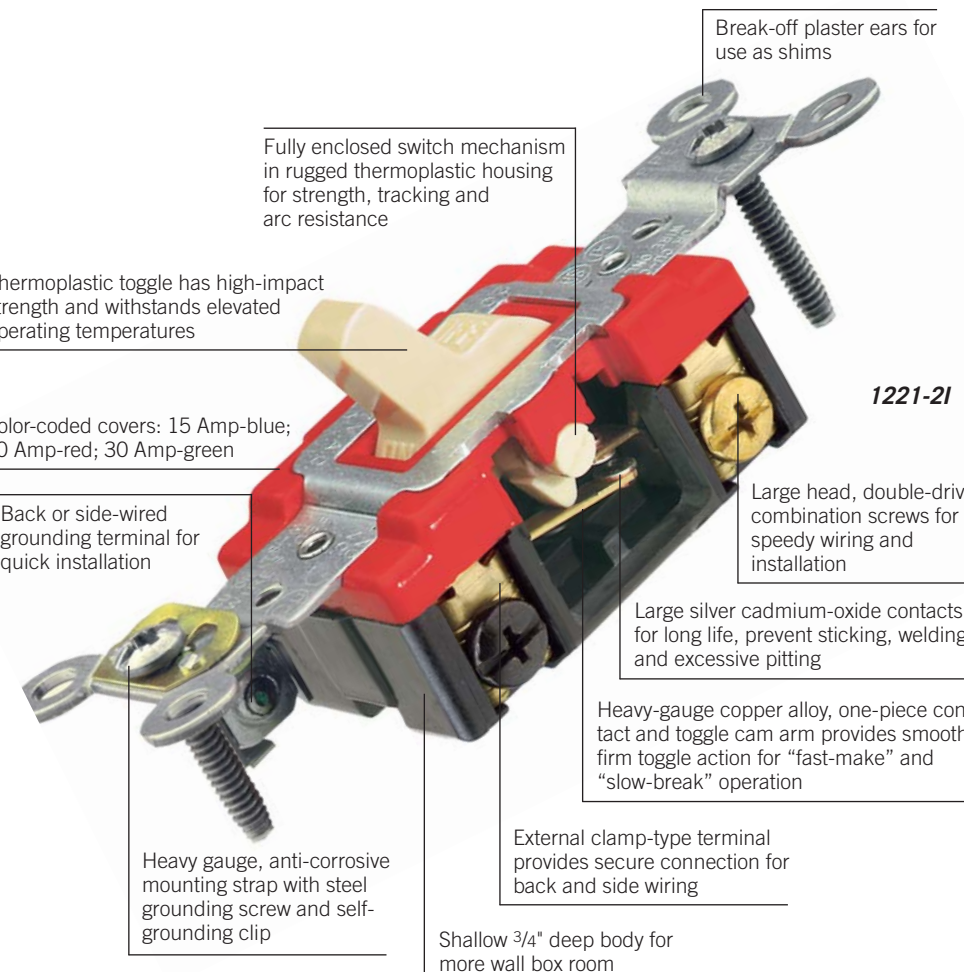
Leviton's AC switches for control resistive and inductive loads and motors. A full selection of ratings is available in Industrial Grade, Commercial Grade and Residential Grade.

The following pages provide a comprehensive overview of the complete Leviton AC Quiet Switches product line. Ordering information will help you select the switches best suited to meet your application requirements.

**Leviton's Industrial Grade AC switches for heavy-duty applications represent top-of-the-line quality and peak performance. Leviton uses the finest materials available and the highest production standards to produce industrial switches of unmatched versatility and reliability.**

#### Features and Benefits

- Top-of-the-line industrial-grade quality for peak performance and rugged, long-lasting service
- All screws are double-drive and accept Standard and Phillips screwdrivers
- External clamp-type wiring terminals provides secure connection of solid or stranded wire for back or side wiring
- Back or side-wired grounding terminal offers wiring flexibility
- Sturdy, long-lasting thermoplastic toggles provide smooth switching action and long life
- UL 20 Listed; meets latest Federal Specifications WS-896, CSA Specification C22.2.2 No. 11 Certified; NOM Certified; complies with NEMA and ANSI requirements
- Backed by a Limited 10-Year Warranty



**Back and Side Wired**  
External clamp-type terminals for maximum wiring versatility.  
**1203-2I shown**



**Pilot Light**  
Toggle is illuminated when load is on for visual confirmation.  
**1201-PLC shown**



**Locking**  
Designed to prevent tampering and unauthorized switching.  
**1121-2L shown**

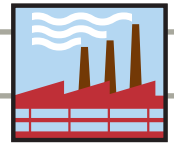


**Maintained and Momentary Contact**  
Positive switching action with center-off position.  
**1285 shown**



# 15, 20 and 30 AMP 120/277V • 15 and 30 AMP CANADIAN 347V

## Industrial Grade AC Quiet Switches



### Back and Side Wired 120/277V AC Quiet Switches

DESCRIPTION LEVSPEC®	15 AMP	20 AMP	30 AMP	COLOR*
Single-Pole Toggle	1201-2	1221-2	3031-2	15A: I, W, GY, R 20A: I, W, A, T, GY, R, E 30A: I, W
Single-Pole Locking†	1201-2L	1221-2L	3031-2L	15A: I; 20A: I, W, G, R
Double-Pole Toggle	1202-2	1222-2	3032-2	15A: I, W, GY 20A: I, W, GY, R, E 30A: I, W
Double-Pole Locking†	1202-2L	1222-2L	3032-2L	20A: I
3-Way Toggle	1203-2	1223-2	3033-2	15A: I, W, GY, R 20A: I, W, GY, R, E 30A: I, W
3-Way Locking†	1203-2L	1223-2L	3033-2L	15A: I; 20A: I, W, G
4-Way Toggle	1204-2	1224-2	—	15A: I, W, GY 20A: I, W, GY, R, E
4-Way Locking†	1204-2L	1224-2L	—	20A: I, G, W
<b>SPECCASS® General Duty Switches</b>				
Single Pole Toggle	—	1221-S	—	20A: I, W, R, GY
Double Pole Toggle	—	1222-S	—	20A: I, W, GY
3-Way Toggle	—	1223-S	—	20A: I, W, R, GY
4-Way Toggle	—	1224-S	—	20A: I, W, GY



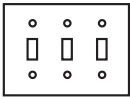



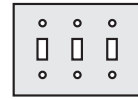
†Key for Locking Switch: Cat. No. 55500-PRT.

### Back and Side Wired Canadian 347V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR**
Single-Pole Toggle	18201	18221	15A & 20A: I, W, B, R, G
Double-Pole Toggle	18202	18222	15A: I only 20A: I, B
3-Way Toggle	18203	18223	15A & 20A: I, W, B, R, G
4-Way Toggle	18204	18224	15A: I, B, R, G 20A: I, B

**NOTE:** Cat. Nos. 1201, 1221, 18201, 18221, 1203, 1223, 18203 and 18223 feature external clamp-type wiring termination for back and side wiring

### Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
						
80701-I	80709-E	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

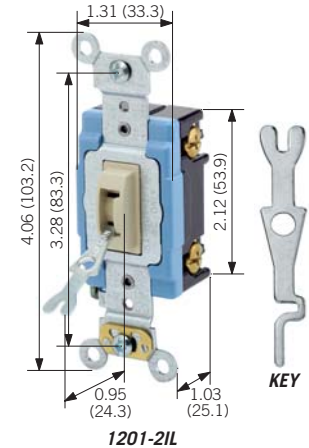
- Top-of-the-line industrial quality
- Heavy gauge copper alloy one-piece arm for top performance
- Large silver cadmium-oxide contacts for long life, prevent sticking, welding and excessive pitting
- Color-coded covers: 15 Amp-blue; 20 Amp-red; 30 Amp-green
- Fully enclosed switch mechanism in rugged housing for strength, tracking and arc resistance
- Brass combination-head terminal screws on LEVSPEC devices, steel combination head terminal screws on other devices
- Self-grounding clip on LEVSPEC devices (self-grounding when used with a metal wallbox)

#### TESTING AND CODE COMPLIANCE

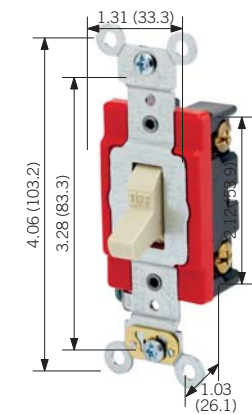
- Meets all NEMA WD 1 & 6, and ANSI requirements
- Meets Federal Specification WS-896
- UL Listed (File #E-7458)
- CSA Certified (File #152105)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty
- SPECCASS devices backed by a Limited 2-Year Warranty

#### \*COLOR

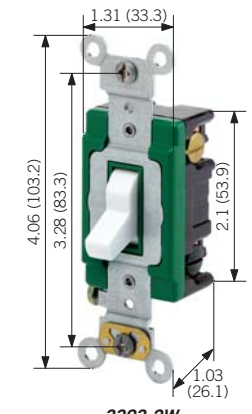
Basic Cat. Nos. shown above denote Brown color. Other color available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-GY or -G), Red (-R), Black/Ebony (-E), Almond (-A) and Light Almond (-T). For locking switch colors, use the following suffixes: Ivory (-2IL), White (-2WL), Gray (-2GL), Red (-2RL).



1201-2L



1221-2L



3303-2W

#### \*\* CANADIAN COLOR

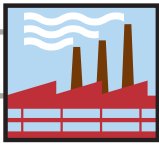
For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Brown (-B), Red (-R), and Gray (-G).

#### HORSEPOWER

15A	20A	30A
1/2 @ 120V	1 @ 120V	2 @ 120V
2 @ 240V	2 @ 240V	2 @ 240V

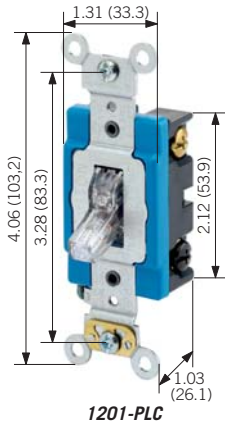
#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C.

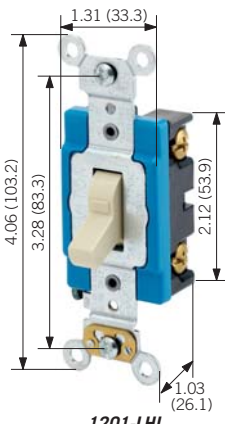


# 15, 20 and 30 AMP 120V and 20 AMP 277V

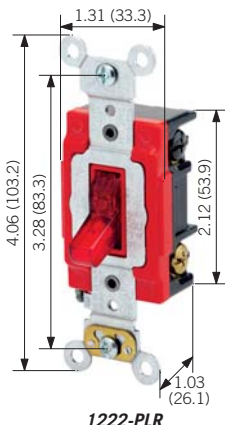
## Industrial Grade AC Switches



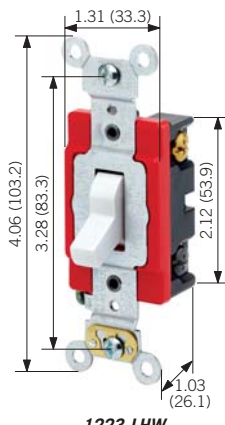
1201-PLC



1201-LHI



1222-PLR



1223-LHW

### Pilot Light and Lighted Handle

#### Back and Side Wired Pilot Light

DESCRIPTION*	15 AMP 120V	20 AMP 120V	30 AMP 120V	20 AMP 277V
Single-Pole	1201-PL	1221-PL	3031-PL✓	1221-7P✓
Double-Pole	1202-PL+	1222-PL	3032-PL✓	1222-7P+
3-Way	1203-PL	1223-PL	—	1223-7P+

Note: Pilot light switches require a neutral wire; lighted handle switches do not require a neutral wire.

\*Available toggles for these devices: Clear (-PLC), Red (-PLR), Green (-PLG).

+Available in red toggle only.

✓ Available in ivory or red toggle only.

#### Back and Side Wired Lighted Handle

DESCRIPTION†	15 AMP 120V	20 AMP 120V	30 AMP 120V	20 AMP 277V
Single-Pole	1201-LH	1221-LH	3031-LH*	1221-7L
3-Way	1203-LH	1223-LH	—	1223-7L

Note: Pilot light switches require a neutral wire; lighted handle switches do not require a neutral wire.

†Available toggles for these devices: Clear (-LHC), Ivory (-LHI), White (-LHW).

\*Available in ivory toggle only.

### Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701-I	80709-I	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

- Pilot light and lighted handle switches provide top performance in punishing industrial applications
- Lighted handle illuminated when load is OFF. Pilot light toggle illuminated when load is ON.
- 120 and 277V versions in single pole and 3-way
- Fully enclosed switch mechanism in rugged housing for strength, track and arc resistance
- Self-grounding clip (self-grounding when used with a metal wallbox)

#### TESTING AND CODE COMPLIANCE

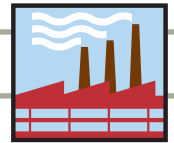
- Meets all NEMA WD 1 & 6, and ANSI requirements
- Meets Federal Specification WS-896
- UL Listed (File #E-7458)
- CSA Certified (File #152105)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

#### HORSEPOWER

15A	20A	30A
1/2 @ 120V	1 @ 120V	2 @ 120V

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C.



### Maintained and Momentary Contact

#### Back and Side Wired Maintained Contact 120/277V AC

DESCRIPTION	15 AMP	20 AMP	30 AMP	COLOR*
Single-Pole, Double Throw, Center Off	1281	1285	1287	15A: I, W 20A: I, W, GY 30A: I
Single-Pole, Double Throw, Center Off, Locking†	1281-L	1285-L	1287-L	15, 20 & 30A: Black only
Double-Pole, Double Throw, Center Off	1282	1286	1288	15A: I, W 20A: I, W 30A: I
Double-Pole, Double Throw, Center Off, Locking†	—	—	1288-L	30A: Black only

†Key for Locking Switch: Cat. No. 55500-PRT



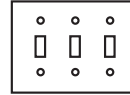



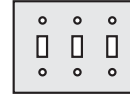
#### Back and Side Wired Momentary Contact 120/277V AC

DESCRIPTION	15 AMP	20 AMP	30 AMP	COLOR*
Single-Pole, Double-Throw, Center Off	1256	1257	1260★	15: I, W, GY 20A: I 30A: Brown only
Single-Pole, Double-Throw, Center Off, Locking†	—	1257-L★	—	20A: Black only
Double-Pole, Double-Throw, Center Off	—	—	1262★	30A: Brown only

†Key for Locking Switch: Cat. No. 55500-PRT.

CSA Certified except where indicated by ★

### Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
						
80701-I	80709-E	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

- Single-Pole and Double-Pole versions, toggle or locking
- Positive switching action with center-off position
- Large silver cadmium-oxide contacts for long life, prevent sticking, welding and excessive pitting
- Clamp-type terminals accept up to #10 CU wire
- Full rated current capacity on fluorescent, tungsten and resistive loads; motor load capacity up to 80% switch current rating

#### TESTING AND CODE COMPLIANCE

- Meets all NEMA WD 1 & 6, and ANSI requirements
- UL Listed (File #E-7458)
- CUL (File #E-63969)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

#### \*COLOR

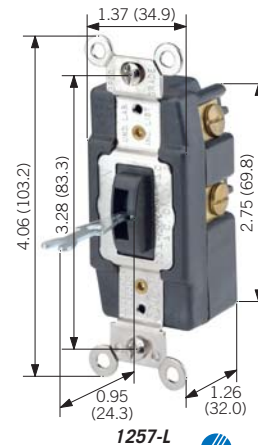
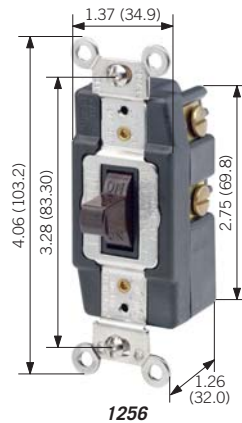
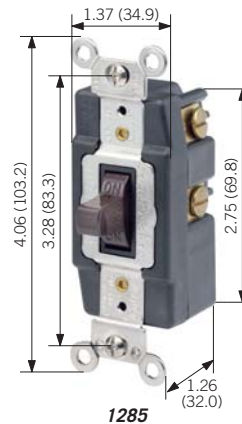
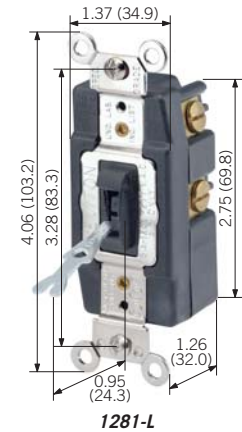
Basic Cat. Nos. shown above denote Brown color except for Locking Devices (Black). Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W-) and Gray (-GY).

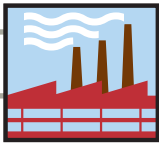
#### HORSEPOWER

15A	20A	30A
1/2 @ 120V	1 @ 120V	2 @ 120V
2 @ 240V	2 @ 240V	2 @ 240V

#### MATERIAL CHARACTERISTICS

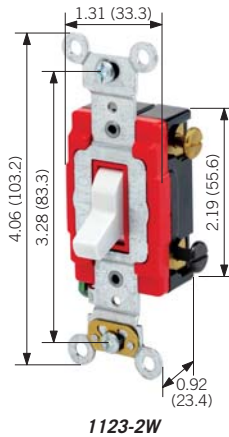
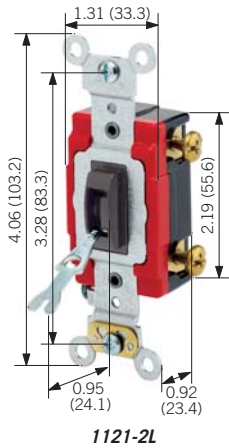
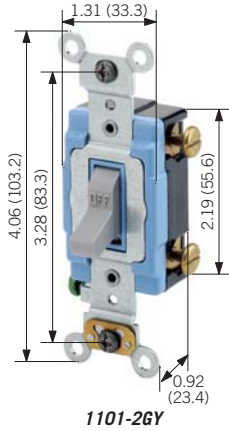
Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C.





# 15 and 20 AMP 120/277V

## Industrial Grade AC Quiet Switches



### Side Wired 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR*
Single-Pole Toggle	1101-2	1121-2	15A: I, W, GY 20A: I, W, GY, R
Single-Pole Locking†	1101-2L	1121-2L	15A & 20A: Brown Only
Double-Pole Toggle	1102-2	1122-2	15A: I 20A: I, W, GY
Double-Pole Locking	1102-2L	1122-2L	15A & 20A: Brown Only
3-Way Toggle	1103-2	1123-2	15A: I, W, GY 20A: I, W, GY, R
3-Way Locking†	1103-2L	1123-2L	15A & 20A: Brown Only
4-Way Toggle	1104-2	1124-2	15A: Ivory only 20A: I, W, GY, R
4-Way Locking†	1104-2L	1124-2L	15A & 20A: Brown Only

†Key for Locking Switch: Cat. No. 55500-PRT.

### Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701	80709-1	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

- Rugged construction for trouble-free service in industrial environments
- Heavy-gauge copper alloy one-piece arm for smooth, quiet, firm toggle action
- Large silver cadmium-oxide contacts for long life, prevent sticking, welding and excessive pitting
- Large head, deep-slotted terminal screws for fast, easy wiring; accept up to #10 copper and copper-clad wire
- Self-grounding clip (self-grounding when used with a metal wallbox)

#### TESTING AND CODE COMPLIANCE

- Meets all NEMA WD 1 & 6, and ANSI requirements
- UL Listed (File #E-7458) to meet the latest Federal Specification, WS-896
- CSA Certified (File #152105)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

#### \*COLOR

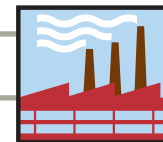
Basic Cat. Nos. shown above denote Brown color. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-GY), Red (-R), Black/Ebony (-E).

#### HORSEPOWER

15A	20A
1/2 @ 120V	1 @ 120V
2 @ 240V	2 @ 240V

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C.



## Industrial Grade AC Manual Motor and Welder Starting Switches

AC Switches

### Back and Side Wired AC Manual Motor Starting Switches 30 AMP 600V AC

DESCRIPTION	MAX. HP RATING	IN NEMA 1 ENCL.	IN NEMA 3R ENCL.	SWITCH ONLY
Double-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	2HP 120V AC 5HP 240V AC 10HP 480V AC 15HP 600V AC	N1302	N3302	MS302
Same as above – Short Toggle				MS302-S
Three-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	3HP 120V AC 7.5HP 240V AC 15HP 480V AC 20HP 600V AC	N1303	N3303	MS303
Same as above – Short Toggle				MS303-S



### Back and Side Wired AC Manual Motor Starting Switches 40 AMP 600V AC

DESCRIPTION	MAX HP RATING	CAT. NO.
Double-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	2HP 120V AC 5HP 240V AC 10HP 480V AC 15HP 600V AC	MS402
Three-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	3HP 120V AC 7.5HP 240V AC 15HP 480V AC 20HP 600V AC	MS403

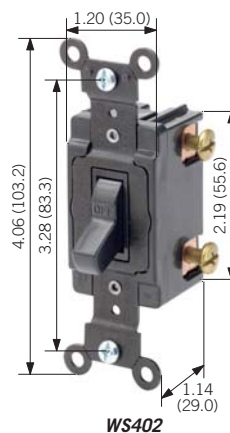


### Back or Front Wired AC Manual Motor Starting Switches 60 AMP 600V AC

DESCRIPTION	MAX. HP RATING	IN NEMA 3R ENCL.	SWITCH ONLY
Double-pole, single-throw AC manual motor starting switch, without overload protection. Back Wired. Color: Black	10HP 240V AC 15HP 480V AC 20HP 600V AC	N3602	MS602-BW
Same as above except Front Wired			MS602-FW
Three-pole, single-throw AC manual motor starting switch, without overload protection. Back Wired. Color: Black	10HP 240V AC 25HP 480V AC 30HP 600V AC	N3603	MS603-BW
Same as above except Front Wired			MS603-FW

### Side Wired AC Manual Welder Starting Switches 40 AMP 600V AC

DESCRIPTION	MAX. HP RATING	CAT. NO.
Double-pole, single-throw AC manual welder starting switch. Color: Black	5HP 250V AC	WS402



### Enclosures and Wallplates

TYPE 1 STEEL ENCLOSURE WITHOUT SWITCH For 30A MS Switches	TYPE 3R ENCLOSURE WITHOUT SWITCH For 30A MS Switches	302 STAINLESS STEEL LOCKOUT WALLPLATE w/TAMPER-RESISTANT SCREWS and SPANNER TOOL	TYPE 1 ENCLOSURES w/THERMOPLASTIC COVER and w/30A 2-P (N1302-T) or 30A 3-P (N1303-T) Switch	TYPE 3R ENCLOSURE WITHOUT SWITCH For 40 or 60A MS Switches
2 Knockouts 1/2" and 3/4" Top and Bottom	2 Bottom Knockouts #1 Allows: 1/2", 3/4", 1", 1 1/4" #2 Allows: 1/2", 3/4"	84001-LOK (Lock purchased separately)	N1303-T (w/30A Switch) N13NC-T (Cover Only)	2 Bottom Knockouts both allow: 1/2", 3/4", 1", 1 1/4"

**Note:** For Type 3R Enclosure lockout, padlock with 5/16" or equivalent shackle recommended (min. 1/4" Dia.). For complete wallplate selection, see Section E.

### SPECIFICATIONS AND FEATURES

#### MS Switches

- All molded parts are thermoplastic to resist impacts, chemicals, temperature, tracking and arcing
- Positive-contact design enhances fast-make/ slow-break
- Silver-alloy contacts for maximum conductivity and service life
- Back and side wire terminals accept up to #10 AWG solid copper wire. For stranded #8 AWG wire, remove terminal clamp and use ring terminal
- Oversized #10 triple-combination terminal screws are vibration resistant
- Insulating barrier between terminals provide isolation from each phase

- Nickel-plated brass mounting yoke for superior corrosion resistance
- Large toggle provides positive actuation, even with gloved hand

#### WS Switches

- Capable of accommodating bus bar termination in multi-gang applications
- Hole for mounting hardware supports panel mounting with self-threading fasteners or pop rivets
- Terminal screws accept up to # 10 AWG solid copper wire. For stranded # 8 AWG wire, remove terminal clamp and use ring terminal
- Fast-threading, corrosion-resistant brass triple-combination screws for fast, easy installation

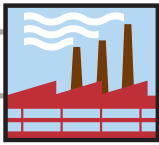
### TESTING AND CODE COMPLIANCE

- MS devices: UL & CUL Listed (File #E-63969)
- WS devices: UL Recognized Component (File #E-63969)
- MS & WS devices comply with UL 508
- Backed by a Limited Ten-Year Warranty

### MATERIAL CHARACTERISTICS

UL94 V0 Flammability Rating  
Operating Temperature: -40°C to 65°C





## SAFETY DISCONNECT SWITCH FEATURES

### Industrial Grade Watertight Safety Disconnect Switches UL 98 & UL 508 Listed, CUL per CSA Specification, C22.2 No. 14 Certified

**2 YEAR LIMITED  
WARRANTY**

Liquid-tight conduit fitting can be installed for top or bottom feed

One fitting supplied:

- 30 Amp – 3/4"
- 60 Amp – 1 1/4"
- 100 Amp – 1 1/2"

Stainless steel screws are captive and will not fall out when cover is opened

Impact UV and chemical-resistant Valox enclosure rated to UL and IEC watertight standards

- Type 3R, 4X & 12K
- IP67

#### Fused Models Accept "Class J" Time-Delay Fuses

Pre-wired grounding plates (top and bottom of enclosure) connect to metal conduit grounding system

Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover

Rugged hinge mechanism pivots 180° for easy access during installation and maintenance

Red "pistol grip" handle provides visual confirmation of switch's status

Integrated lockout handle meets OSHA safety regulations

**Watertight Safety Disconnect Switches Include —  
30 Amp Fused, 60 & 100 Amp (Fused & Non-Fused)**

**Meets 2002 NEC® Requirements  
430.102 (A) and 430.102 (B)**

Circuit identification pad for means of identifying specific equipment loads

DS60-FAX

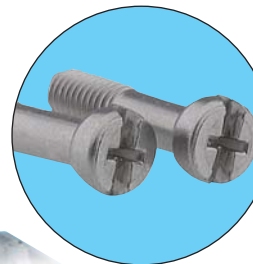


Handle with padlock installed

Generous wiring space for top to bottom wiring

Disconnect switch with integrated fuse holder offers proven performance in a compact package

- Fused cartridges accept "Class J" fuses (not included)
- 1 Factory installed Auxiliary Contact (Normally Open – 10 Amp)
- Additional Auxiliary Contact Available (Normally Closed – 10 Amp)
- Easily accessible neutral and ground terminal blocks



**Cover Screws:** 1 1/8" deep slotted. LG stainless steel.

**Mounting Screws:** 10-24 x 1/2" deep slotted. LG stainless steel.

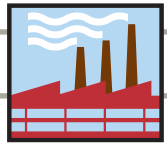
DS60-FAX



#### STANDARDS & CERTIFICATIONS

##### Safety Disconnect Switches

UL 98 Fused (Including 100A Non-Fused - DS)	UL 508 Non-Fused	CSA C22.2 No. 14	NOM	CE	IEC 947-3
E63969		✓	✓	✓	✓



Industrial Grade Watertight Safety Disconnect Switches



Meets 2002 NEC® Requirements 430.102 (A) and 430.102 (B)



Engineered to UL & IEC Watertight Standards



DS30-AX  
Engineered to IP65  
Water Jetting Standards



DS60-FAX  
(Fused)



DS100-AX  
(Non-Fused)

2 YEAR LIMITED WARRANTY

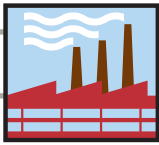
Ordering Information for Watertight Safety Disconnect Switches

AMPS	MAX VOLTAGE	INTERRUPTED RATINGS — RMS SYMMETRICAL AMPERES	
		CATALOG NO. NON-FUSED	CATALOG NO. FUSED
30 60 100	600V AC 600V AC 600V AC	DS30-AX DS60-AX DS100-AX	DS30-FAX DS60-FAX

ELECTRICAL				MECHANICAL		ENVIRONMENTAL		
Ground Path Integrity	Device	Current Applied	Duration	Mold Stress Relief	70°C for 7 hours	Flammability	V2 or better per UL 94 or CSA 22.2 No 0.6; V-0 for watertight enclosure	
	30 A	60 A	2 min	Knockout Test	Remains in place with 20 lb push		Rain (3R) per UL 50	Water spray @ 5 psi from all sides for 1 hr
	60 A 100 A	120 A 200 A	4 min 6 min	Crush	100 lb		Hosedown (4X) per UL 50	Water spray @ 65 gal/min for 5 minutes
Current Interrupting	Certified for current interrupting at full-rated current and voltage			Impact	1.2 lb steel ball dropped from 5 ft	Dust (12K) per UL 50	Cement Dust Circulated @ 1000 ft/minute for 5 minutes	
Endurance	6000 operations at rated current and voltage (Power factor 0.75 – 0.80)			Cold Impact	Same as above, after conditioning to -35°C	Gasket Aging	70°C for 168 hours	
Dielectric	1000 V plus twice rated voltage for 1 minute			Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws	UV Resistance	Exposed plastic materials are UV stabilized	
				Pullout	18 lb pull on internal wires	Operating Temperature	-40°C to +60°C (-40°F to +140°F)	

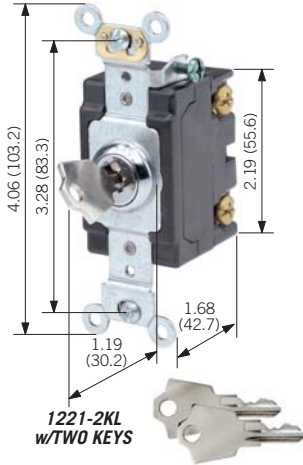
VOLTS	MAX. HP RATINGS PER UL508 NON-FUSED SAFETY DISCONNECT SWITCHES			VOLTS	MAX. HP RATINGS PER UL508 FUSED SAFETY DISCONNECT SWITCHES	
	DS30-AX	DS60-AX	DS100-AX		DS30-FAX	DS60-FAX
120V AC	1	2	5	120V AC	2	NR
208V AC	5	20	25	208V AC	7.5	15
240V AC	2.5	10	15	240V AC	3	NR
480V AC	5	20	25	480V AC	15	NR
600V AC	NA	20	20	600V AC	20	NR
3Ø Y 120/208V AC	5	20	25	3Ø Y 120/208V AC	7.5	15
3Ø 240V AC	5	20	30	3Ø 240V AC	7.5	15
3Ø 480V AC	15	40	50	3Ø 480V AC	15	30
3Ø 600V AC	15	40	50	3Ø 600V AC	20	50

NR = Not Rated NA = Not Available



## 20 AMP 120/277V

### Industrial Grade AC Key Lock Power Switches



#### Back and Side Wired Key Lock Power Switches 20 AMP 120/277V AC

DESCRIPTION	CAT. NO.
Single-Pole Key Lock Power Switch, 2 keys provided	1221-2KL
Double-Pole Key Lock Power Switch, 2 keys provided	1222-2KL
3-Way Key Lock Power Switch, 2 keys provided	1223-2KL
4-Way Key Lock Power Switch, 2 keys provided	1224-2KL
Replacement Keys, 2 per pack	2KL

#### Wallplates and Wallboxes

302 STAINLESS STEEL COMES WITH TAMPER-RESISTANT SCREWS and SPANNER TOOL	FD or DEEP WALLBOX RECOMMENDED MINIMUM INTERNAL DEPTH 2 <sup>3</sup> / <sub>4</sub> " SINGLE COVER/GANG	ADAPTER EXTENDS SHALLOW WALLBOX, USE WITH STAINLESS WALLPLATE—CAT. NO. 84071-40
 84701-40		 COLOR: Brown, Ivory, White CAT. NO.: 6197, 6197-I, 6197-W

For complete wallplate selection, see Section E.

Key Lock Power Switches are not recommended for use on Master or Emergency Power Systems.

#### SPECIFICATIONS AND FEATURES

- Key-operated locking mechanism for maximum tamper-proof operation in schools, institutions, public housing, trailer parks, loading docks, freight yards and other areas
- Chrome lock dome with 2 keys provided per switch
- Back and side wire terminals accept up to #14 – #10 AWG copper or copper clad wire
- Large, slotted terminal screws with clamp-type back-wire terminals
- Triple-combination mounting screws for fast, easy installation
- Heavy-gauge rust-resistant mounting strap with steel grounding screw and self-grounding clip (self grounding when used in a properly grounded metal wallbox)
- Key removable in ON or OFF positions

#### TESTING AND CODE COMPLIANCE

- Meets NEMA WD-1, WD-6 & ANSI requirements
- Meets Federal Specifications WS-896
- UL Listed (File #E-7458)
- CSA Certified (File #152105)
- NOM Certified (#057)
- Backed by a Limited Ten-Year Warranty

#### HORSEPOWER

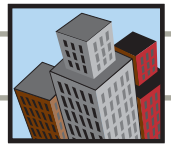
**20A**  
1 @ 120V  
2 @ 240V  
16 Amp Max.

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C.

# AC QUIET SWITCH FEATURES

## Commercial Grade AC Quiet Switches



LEVITON OFFERS A LARGE SELECTION OF 15 AND 20 AMP COMMERCIAL SWITCHES, AVAILABLE IN A WIDE VARIETY OF COLORS, WIRING OPTIONS AND OTHER FEATURES.

*Leviton's Commercial Grade switches are designed to offer outstanding reliability and top performance in commercial settings. Ideal applications include municipal facilities, government buildings, malls, department stores, hospital and health care facilities, office buildings, schools, colleges, universities, houses of worship and cultural institutions.*

### Features and Benefits

- Listed UL Federal Specification, WS-896
- External clamp-type wiring terminals provides secure connection of solid or stranded wire for back or side wiring (CSB1 and CSB3)
- Heavy-duty pre-plated steel mounting strap for maximum strength
- All screws are brass combination-head for fast installation with Standard and Phillips head screwdrivers
- Backed by a Limited 10-Year Warranty



**Back and Side Wired**  
External clamp-type terminals for maximum wiring versatility.  
*CSB1-20 shown*



**Side Wired**  
Sturdy, rugged, cost effective.  
*CS120-2W shown*



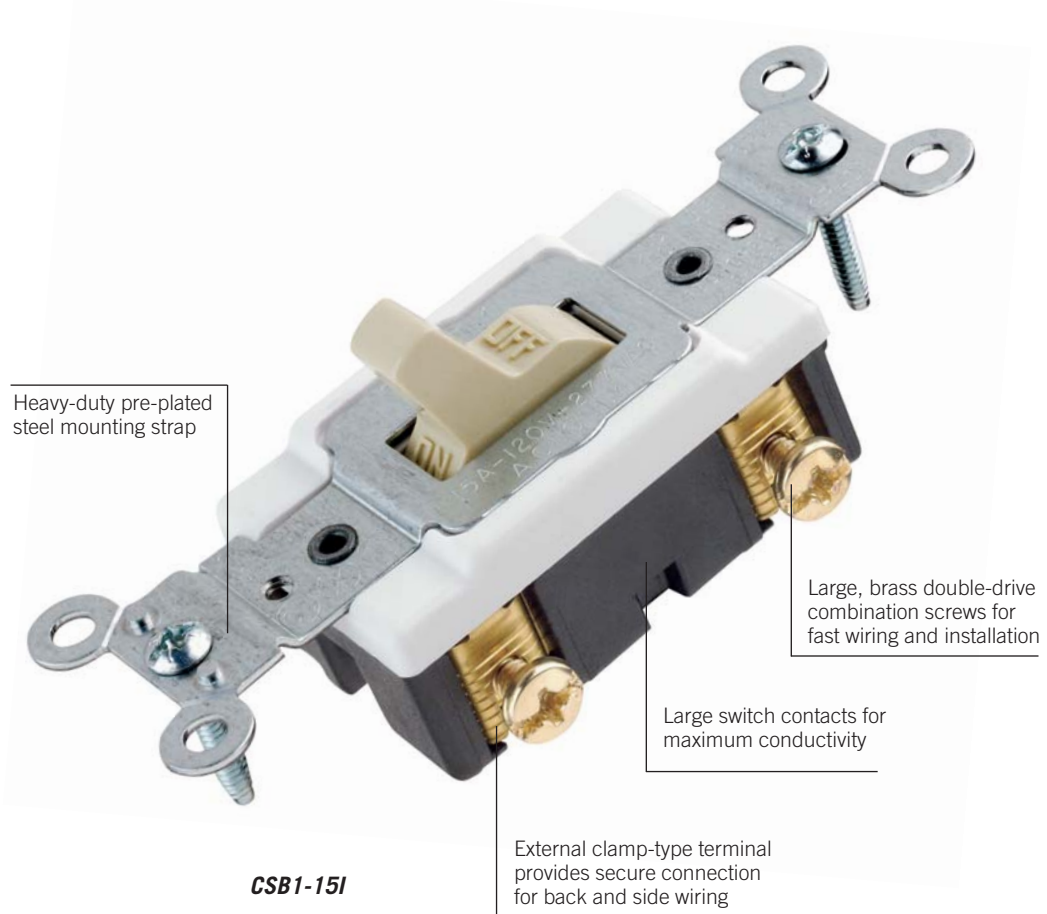
**Framed Toggle**  
For neater finished appearance.  
*54501-21 shown*



**Lighted Toggle**  
Lights up, when power is off, easy to locate in darkened rooms.  
*5501-LHI shown*



**Hospital Call Switch**  
Turns on when toggle is pulled down with cord (included).  
*5501-8 shown*



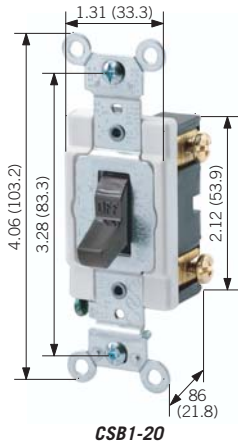
**CSB1-151**



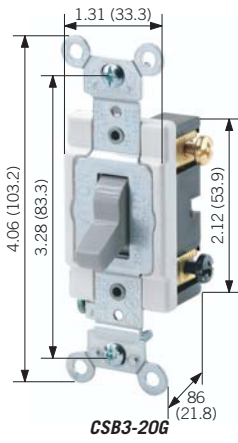


# 15 and 20 AMP 120/277V • 15 and 20 AMP CANADIAN 120/277V

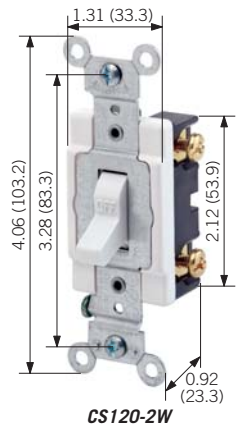
## Commercial Grade AC Quiet Switches



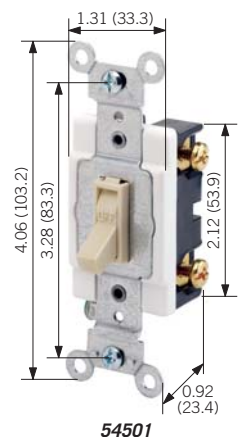
CSB1-20



CSB3-20G



CS120-2W



54501

### Back and Side Wired 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR*
Single-Pole Toggle	CSB1-15	CSB1-20	15A & 20A: I, W, A, G
Double-Pole Toggle	CSB2-15	CSB2-20	15A: I, W, G 20A: I, W, A, G
3-Way Toggle	CSB3-15	CSB3-20	15A & 20A: I, W, A, G
4-Way Toggle	CSB4-15	CSB4-20	15A: I, W, A 20A: I, W, A, G

### Side Wired 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR*
Single-Pole Toggle	CS115-2	CS120-2	15A & 20A: I, W, A, T, GY
Single-Pole Hospital Call Switch†	5501-8	—	15A: Ivory Only
Double-Pole Toggle	CS215-2	CS220-2	15A: I, W, GY 20A: I, W, A, T, GY, E
Double-Pole Hospital Call Switch†	5502-8	—	15A: Ivory Only
3-Way Toggle	CS315-2	CS320-2	15A: I, W, A, T, GY 20A: I, W, A, T, GY, E
4-Way Toggle	CS415-2	CS420-2	15A: I, W, A, T, GY 20A: I, W, A, T, GY, E
Single-Pole, Framed Toggle	54501-2	54521-2	15A & 20A: I, W, GY
Double-Pole, Framed Toggle	54502-2	54522-2	15A: I, W 20A: I, W, GY
3-Way, Framed Toggle	54503-2	54523-2	15A & 20A: I, W, GY
4-Way, Framed Toggle	54504-2	54524-2	15A: I, W, A, T, GY 20A: I, W, GY

†Hospital Call Switch turns on when toggle is pulled down with cord (3-ft braided cord included)

**NOTE:** Cat. Nos. CSB1 and CSB3 feature external clamp-type wiring termination for back and side wiring

### Side Wired Canadian 120/277V AC Quiet Switches

**Note:** Cat. No. 54501-2 series is identified in Canada by the following catalog numbers:

DESCRIPTION	15 AMP	20 AMP	COLOR**
Single-Pole, Framed Toggle	1101-C	54521-2	20A: I, W, B, G
Double-Pole, Framed Toggle	1102-C	54522-2	20A: I, W, B, G
3-Way, Framed Toggle	1103-C	54523-2	20A: I, W, B, G
4-Way, Framed Toggle	1104-C	54524-2	20A: I, W, B, G

### Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701-I	80709	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

- Large head double-drive combination screws (Standard, Phillips) for fast wiring
- Heavy-gauge, rust-resistant steel mounting strap
- Accepts #14-#12 AWG copper or copper-clad wire
- Convenient break-off plaster ears for best alignment
- Large switch contacts for maximum conductivity

#### TESTING AND CODE COMPLIANCE

- UL Listed to meet the latest Federal Specification, WS-896 (File #E-748)
- Meets all NEMA WD 1 & 6, and ANSI requirements
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

#### \*COLOR

Basic Cat. Nos. shown above denote Brown color. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (T), Gray (-GY), Black (-E).

#### \*\* CANADIAN COLOR

For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Brown (-B), and Gray (-G).

#### HORSEPOWER

15A	20A
1/2 @ 120V	1 @ 120V
2 @ 240V	2 @ 240V

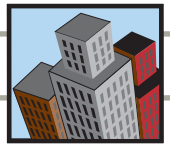
#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C.



# 15 AMP 120V • 15 AMP CANADIAN 347V

## Commercial Grade AC Quiet Switches



### Side Wired Lighted Toggle 15 AMP 120V AC Only

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Lighted Toggle	5501-LH	15A: I, W
3-Way Lighted Toggle	5503-LH	15A: I, W



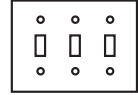



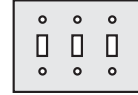
### Surface Mounting, Bottom Wired 10 AMP 125V 5 AMP 250V

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole, Surface Mounting • Slotted cover snaps in place • Wood screw furnished for surface mounting	1210	I, W <i>Basic Cat. No. Denotes Brown</i>

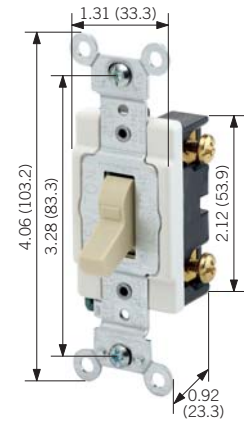
### Side Wired Canadian 15 AMP 347V AC

DESCRIPTION	CAT. NO.	COLOR**
Single-Pole, Framed Toggle	18201-C	15A: I, W, B, G <i>See Canadian Color</i>
Double-Pole, Framed Toggle	18202-C	15A: I, W, B, G
3-Way, Framed Toggle	18203-C	15A: I, W, B, G
4-Way, Framed Toggle	18204-C	15A: I, W, B, G

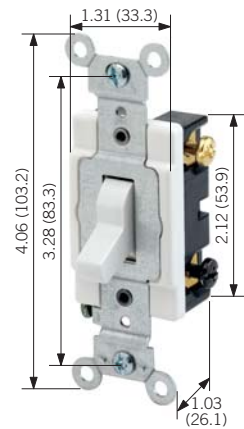
### Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
						
80701-I	80709-I	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.



5501-LHI



5503-LHW

#### SPECIFICATIONS AND FEATURES

- Quiet, reliable mechanical action
- Large head double-drive combination screws (Standard, Phillips) for fast wiring installation
- Accepts #14-#12 AWG copper or copper-clad wire
- Large switch contacts for maximum conductivity

#### TESTING AND CODE COMPLIANCE

- UL listed to meet the latest Federal Specification, WS-896 (File #E-748)
- Meets all NEMA WD 1 & 6, and ANSI requirements
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

#### \*COLOR

Basic Cat. Nos. shown above denote Brown color except for Lighted Toggle Switches. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W).

#### \*\* CANADIAN COLOR

For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Brown (-B), and Gray (-G)

#### HORSEPOWER

15A  
1/2 @120V

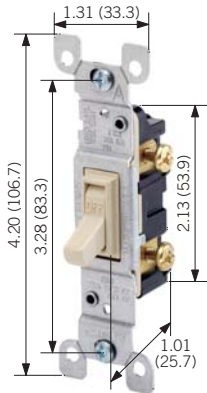
#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C.

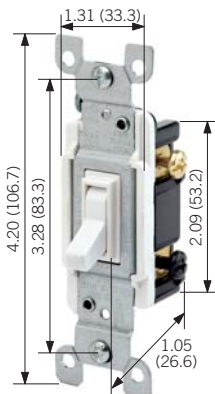


# 15 AMP 120V

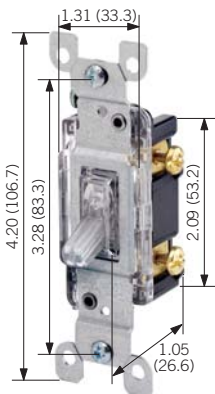
## Residential Grade AC Quiet Switches



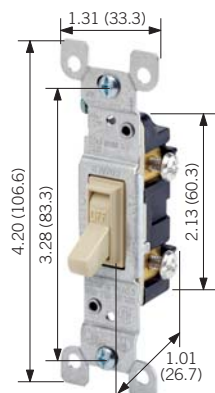
1451



1453



1461-LHC



2651-2

### Quickwire and Side Wired Framed Toggle 15 AMP 120V AC Quiet Switches

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole	1451	I, W
3-Way	1453	I, W
Single-Pole with grounding screw	1451-2	I, W, A, T, E
3-Way with grounding screw	1453-2	I, W, A, T, E
4-Way with grounding screw	54504-2	I, W, A
Single-Pole, less ears with grounding screw	1451-4	I, W
3-Way, less ears with grounding screw	1453-4	I, W

*Note: Available in Convenience Packs.*

### Quickwire and Side Wired Illuminated Toggle 15 AMP 120V AC

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Illuminated	1461-LHC	Clear Toggle
3-Way Illuminated	1463-LHC	Clear Toggle

*Note: Illuminated switches do not require a neutral wire.*

### CO/ALR Side Wired Framed Toggle 15 AMP 120V AC

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole with grounding screw	2651-2	I, W
3-Way with grounding screw	2653-2	I, W



*Note: CO/ALR devices are for connection to 12 or 10 AWG aluminum conductors.*

### Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701-I	80709	80711-W	84001-40	84001-E40	84009-40	84011-40

*For complete wallplate selection, see Section E.*

#### SPECIFICATIONS AND FEATURES

- Faster installation with combination of side wiring and Quickwire push-in wiring
- Quickwire accepts conductors up to #12 AWG; #14 AWG in Canada
- Side wire accepts conductors up to #12 AWG
- Large head triple-drive combination screws (Standard, Phillips, Robertson) for fast wiring installation
- Impact-resistant, durable thermoplastic toggle and frame

#### TESTING AND CODE COMPLIANCE

- UL Listed (File # E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### \*COLOR

Basic Cat. Nos. shown above denote Brown color. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), light Almond (T), Black/Ebony (-E), Clear Toggle & Frame (-LHC)

#### HORSEPOWER

15A  
1/2 @120V

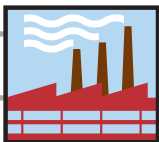
#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C.

# Straight Blade Receptacles

## INDEX

<b>Overview</b> .....	<b>G2</b>
<b>Hospital Grade</b>	
Back and Side Wired .....	<b>G3</b>
Isolated Ground .....	<b>G3</b>
Four-In-One .....	<b>G5</b>
<b>Industrial Grade</b>	
Back and Side Wired .....	<b>G4</b>
Side Wired .....	<b>G4</b>
Isolated Ground .....	<b>G4</b>
Dual Voltage .....	<b>G4</b>
Clock Hanger .....	<b>G4</b>
Four-In-One .....	<b>G5</b>
<b>Power Devices</b> .....	<b>G6-G11</b>
<b>Commercial Grade</b>	
Overview .....	<b>G12</b>
Back and Side Wired .....	<b>G13, G15</b>
Dual Voltage .....	<b>G13</b>
Side Wired .....	<b>G14, G15</b>
Brass Floorbox Assembly .....	<b>G14</b>
QuickPort® Snap-In Jacks with Brass Floorplate .....	<b>G15</b>
<b>Residential Grade</b>	
Quickwire Push-In .....	<b>G16</b>
Quickwire Push-In and Side Wired .....	<b>G16</b>
Side Wired .....	<b>G16, G17</b>
CO/ALR .....	<b>G16</b>
Clock Hanger .....	<b>G17</b>
Snap-In Devices .....	<b>G17</b>



## STRAIGHT BLADE RECEPTACLE FEATURES

### Industrial Grade Straight Blade Receptacles

LEVITON'S INDUSTRIAL GRADE STRAIGHT BLADE RECEPTACLES ARE BUILT TO THE MOST DEMANDING STANDARDS FOR PERFORMANCE AND RELIABILITY. THEY'RE DESIGNED TO WITHSTAND THE HIGHEST ABUSE AND RESIST IMPACT, CRACKING AND HARSH CHEMICALS.

*All Leviton Hospital Grade Receptacles undergo the most stringent UL testing to assure continuous, safe operation in any application requiring high-abuse tolerance, including health care facilities, manufacturing plants and schools.*



**Hospital Grade, Tamper Resistant**  
Approved for emergency circuits and pediatric/psychiatric care areas.  
**8300-SGW shown**



**Hospital Grade, Isolated Ground**  
Provides a pure ground path to a building's isolated ground system.  
**8200-IG shown**



**Industrial Grade Back & Side Wired**  
Features interlocking thermoplastic body and cover with one-piece brass strap.  
**5262-W shown**



**Four-In-One**  
Hardwire device converts a duplex receptacle installation into four receptacles without multiple installation labor and material costs.  
**5490-BU shown**

#### Features and Benefits

- UL 498 for Hospital Grade (UL File #E-13399); UL Federal Specification WC-596 Listing
- CSA Certified where applicable (CSA File #LR-406)
- NOM Certified
- Meets NEMA WD-1 and 6 and ANSI standards
- All industrial back and side wired receptacles have #10-32 triple combination head terminal screws; straight, Phillips and Robertson.
- Back and side wiring options accept #14-#10 AWG stranded or solid wire
- Power Indication™ circuit board integrates 100,000 hour LED and components in a compact fail-safe assembly
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamps for superior contact and conductivity
- Backed by a Limited 10-Year Warranty
- Hospital Grade Receptacles also available with Decora® designer-styling (See Decora® Plus devices, Section B)

#### POWER INDICATION™

Face and body locked together with exclusive four-corner latch construction, remains securely fastened

Power Indication meets UL498 Hospital Grade identification requirements and offers visual confirmation that the device is energized

Large, triple-wipe, nickel plated brass "T" contacts for superior contact and conductivity

Nickel-plated brass bushing for additional assembly security

Thick-walled impact-resistant thermoplastic nylon cover and body withstands abuse

Smooth face, easy to clean and soil resistant

Exclusive nickel-plated brass, staked on, self-grounding clip will never fall off

Nickel-plated brass, one piece mounting strap with integral ground contact, for superior ground path

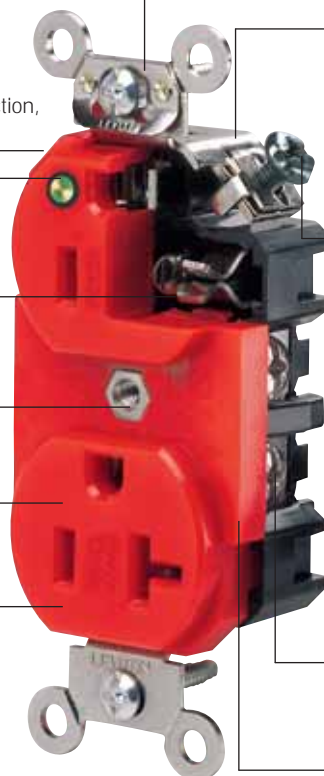
Back and side-wire grounding terminal for quick ground installation

Exclusive V-shaped, serrated back-wiring clamps for superior contact and conductivity

Back and side-wiring options

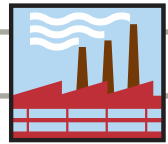
Exclusive triple combination #10-32 nickel-plated brass terminal screws, straight slot, Phillips #2, Robertson #1, for excellent torque

Apron barrier to prevent accidental contact of terminal screw heads with metal box



**8300-PLR shown**





Industrial Grade Straight Blade Receptacles

Hospital Grade

Back and Side Wired (Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
	5-15R	6-15R	5-20R	6-20R
Duplex Receptacle	<b>8200</b> I, W, GY, R	<b>8600</b> I	<b>8300</b> I, W, A, GY, R, E	<b>8400</b> I
Single Receptacle	<b>8210</b> I, W, R	—	<b>8310</b> I, W, GY, R	—
Slim Design Receptacle	<b>8200-H</b> I, W, GY, R	—	<b>8300-H</b> I, W, GY, R	—
Duplex Receptacle, Tamper-Resistant	<b>8200-SG</b> I, W, G, R	—	<b>8300-SG</b> I, W, A, G, R	—
Illuminated Duplex Receptacle	<b>8200-HL</b> I, W, G, R, No Brown	—	<b>8300-HL</b> I, W, R (No Brown)	—
Power Indication™ Duplex Receptacle	<b>8200-PL</b> I, W, R, No Brown	—	<b>8300-PL</b> I, W, R (No Brown)	—

Note: Single, Slim Design, Illuminated, Power Indication and Tamper-Resistant Receptacles meet specifications for UL Hospital Grade listing but have a different construction and design from standard Hospital Grade Duplex Receptacles listed above.

There are dimensional differences between 8200-SG and 8300-SG devices. 8200-SG contains a nickel-plated steel yoke with riveted ground contacts. 8300-SG contains a one-piece, nickel-plated brass yoke.

Isolated Ground Receptacles (Basic Cat. No. Denotes Orange Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
Duplex Receptacle	<b>8200-IG</b> B, I, W, G, R	—	<b>8300-IG</b> B, I, W, G, R	—
Duplex Receptacle w/6" Ground Lead	<b>8200-LIG</b> Orange Only	—	<b>8300-LIG</b> Orange Only	—
Single Receptacle w/6" Ground Lead	<b>8210-IG</b> Orange Only	—	<b>8310-IG</b> Orange Only	—

Wallplates

THERMOPLASTIC					302 STAINLESS STEEL		
80703-IG	80704-IG	80703-I	80704-GY	80716-R	84003-40	84004-40	84016-40

For complete wallplate selection, see Section E.

See Page G4 for Leviton's full line of Four-In-One Receptacles.  
See Section R for Leviton's full line of Surge Protective Devices.

SPECIFICATIONS AND FEATURES

Duplex Receptacles

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- High-performance brass #10-32 terminal screws to reduce conductor oxidation
- Back and side-wire ground termination-brass strap version
- Back and side-wiring options
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamps for superior contact
- Power Indication™ provides permanent "green dot" lens with 100,000 hour LED status indicator

Note: Cat. Nos. 8200-HL and 8300-HL construction features differ from those listed above.

TESTING AND CODE COMPLIANCE

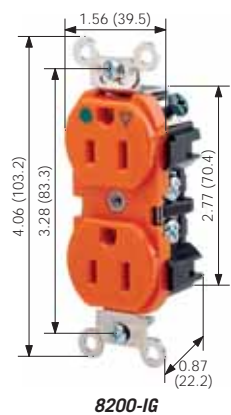
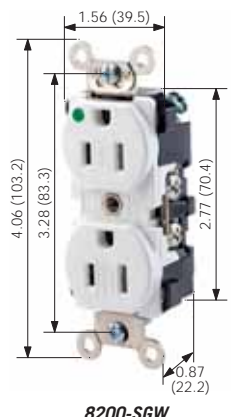
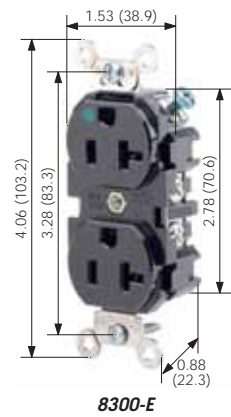
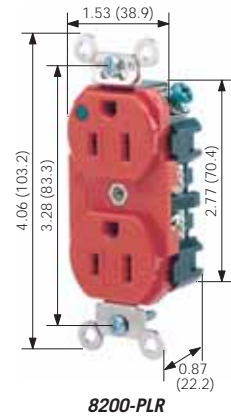
- UL Listed 498 for Hospital Grade (UL File #13399); UL Federal Specification WC-596
- CSA Certified (CSA File #152105)
- NOM Certified (#057)
- Meets NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty

\*COLOR

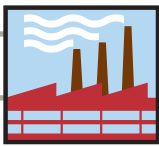
Basic Cat. Nos. shown above denote Brown for Hospital Grade and Orange for Isolated Ground (-IG) Devices. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Brown (for IG devices only, add -B), Red (-R), Gray (-G or -GY) and Black (-E).

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60° C maximum continuous

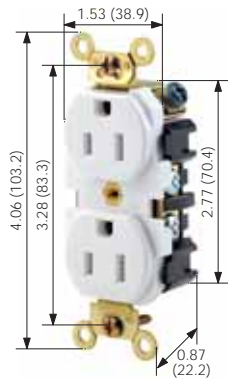




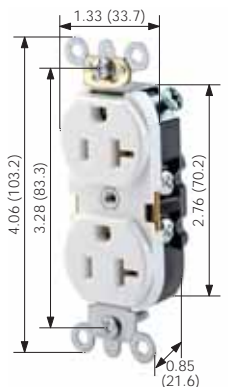


# 15 AMP 125 and 250V • 20 AMP 125 and 250V

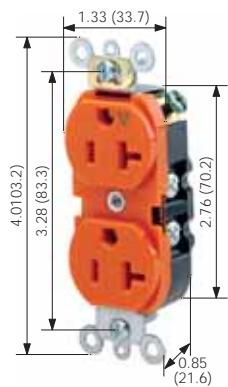
## Industrial Grade Straight Blade Receptacles



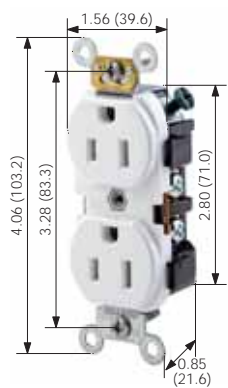
5262-W



5362-SW



5362-IG



5242-W

### Back and Side Wired (Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
<b>LEVSPEC® Duplex Receptacle, Brass Strap</b>	5262 I, W, GY, R, E	5662 I	5362 I, W, GY, R, E	5462 I, GY
<b>Single Receptacle</b>	5261 I, W, GY	5661 I	5361 I, W, A, T, GY	5461 I, A, T, GY
<b>Narrow Body Duplex Receptacle</b>	5252 I, W, A, T, GY, R, E, BU	—	5352 I, W, A, T, GY, R, E, BU	—
<b>Single Receptacle, Clockhanger</b>	5261-CH Stainless Steel	—	5361-CH Stainless Steel	—
<b>SPECCASS® General Duty Duplex Receptacle</b>	5262-S I, W, A, T, GY, R, E, BU	—	5362-S I, W, A, T, GY, R, E, BU	—

Note: Single Receptacles meet Federal Specifications WC-596 but have a different construction and design than Duplex Receptacles listed above.

### Back and Side Wired — Isolated Ground Receptacles (-IG)

(Basic Cat. No. Denotes Orange Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
<b>Slim Design Duplex Receptacle</b>	5262-IG B, I, W, G, R	5662-IG	5362-IG B, I, W, A, G, R, BIG	5462-IG

### Side Wired (Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
<b>Duplex Receptacle</b>	5242 I, W, GY, R	—	5342 I, W, GY, R	—
<b>Single Receptacle</b>	5251 I	5651 I, W	5351 I	—

### Back and Side Wired Dual Voltage (Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	RATING	CAT. NO.	COLOR
<b>Duplex Receptacle</b>	15A 125V/15A 250V	5292	I

### Wallplates

THERMOPLASTIC				302 STAINLESS STEEL		
80703-IG	80703-I	80704-GY	80716-R	84003-40	84004-40	84016-40

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

##### Back & Side Wired Duplex

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Single-piece brass mounting strap on LEVSPEC devices, multi-piece steel strap on other devices
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- Back and side-wiring options
- Brass terminal screws to reduce conductor oxidation
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamps for superior contact and conductivity

#### TESTING AND CODE COMPLIANCE

- UL Listed 498 (UL File #13399); UL Federal Specification WC-596
- CSA Certified where applicable (CSA File #LR-406)
- NOM Certified (#057)

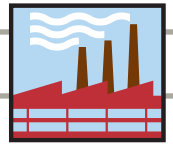
- Meets NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty
- SPECCASS devices backed by a Limited 2-Year Warranty

#### \*COLOR

Basic Cat. Nos. shown above denote Brown device, except for Isolated Ground (-IG) devices Basic Cat. No. denotes Orange. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Brown (For IG devices only, add -B), Almond (-A), Light Almond (-T), Gray (-G or -GY), Black (-E), Red (-R) and Blue (-BU; for IG devices only, add -BIG)

#### MATERIAL CHARACTERISTICS



Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60° C maximum continuous



# Industrial Grade Straight Blade Receptacles

## Four-In-One 2-Pole 3-Wire Grounding

(Basic Cat. No. denotes Brown device, except Isolated Ground devices—Basic Cat. No. denotes Orange device)

DESCRIPTION	CAT. NO./COLOR* 15A-125V	CAT. NO./COLOR* 20A-125V
	5-15R 	5-20R 
Industrial Grade	<b>1254</b> I, W, GY, R, E	<b>21254</b> I, W, GY, R, E, Y
Hospital Grade	<b>1254-H</b> I, W, R	<b>21254-H</b> I, W, GY, R
Hospital Grade, Isolated Ground	<b>1254-IG</b> I	<b>21254-IG</b> I, W
Industrial Grade, Surge Protective	<b>5480</b> I, W, GY, R, BU (No Brown)	<b>5490</b> I, W, GY, BU (No Brown)
Industrial Grade, Surge Protective/ Isolated Ground	<b>5480-IG</b> Orange only	<b>5490-IG</b> Orange only
Hospital Grade, Surge Protective/ Isolated Ground	<b>8480-IG</b> I, W, B	<b>8490-IG</b> I, B
Hospital Grade, Surge Protective	<b>8480</b> I, W, R (No Brown)	<b>8490</b> I, W, R (No Brown)

For surge protective performance data, see page R14.

## Four-In-One Adapter Plates




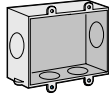

CAT. NO.	COLOR*
<b>3254</b>	I, W, GY, R, E, OR, BLU

## Four-In-One Portable Boxes

CAT. NO.	COLOR*
<b>4254</b>	I, GY, E, OR, Y (No Brown)

Portable boxes are not UL Listed. UL Listing does not apply when Four-in-One Receptacles are used with portable boxes for extension cord applications.

## Four-In-One Receptacle Wallbox Mounting

MOUNTS DIRECTLY			MOUNTS WITH ADAPTER PLATE	
				
Single-Gang	4" Octagonal	4" Square	2-Gang	4 11/16" Square

### SPECIFICATIONS AND FEATURES

- Terminal wiring screws fit inside a standard single-gang wallbox; adapter plate not required (optional)
- Heavy-impact nylon cover and base for strength and resistance to chemicals and corrosives
- Smooth face; easy to clean surface
- Easy-to-read voltage and amperage rating molded onto face
- Heavy-duty, T-type triple-wipe bronze contacts for maximum performance
- Ground holes configured up or down to be outside the device, accommodating up to 4 Fed Spec size straight or angle plugs
- No. 8 terminal screws accept up to No. 12 solid or stranded copper wire
- Termination anchor holes for easy conductor wiring
- Deep cut mill-slotted screws resist slippage
- Exclusive shield-wall design protects ground connection from contact with live circuit conductors
- "A" and "B" molded on face and back for easy identification of receptacle pairs for split-circuit conversion. (Note: Split circuit not available on surge models).
- Convenient built-in strip-gauge

### TESTING AND CODE COMPLIANCE

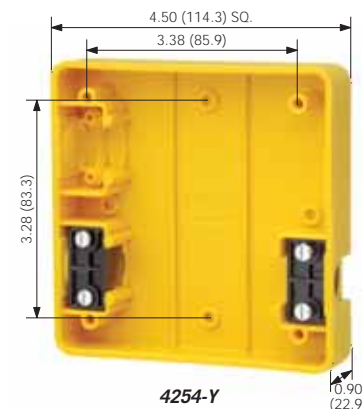
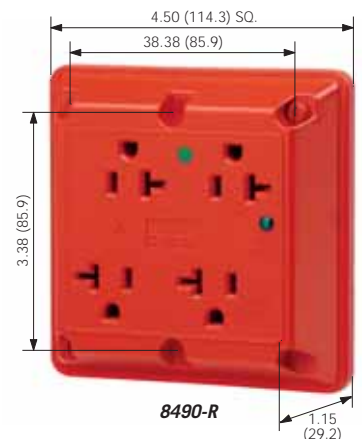
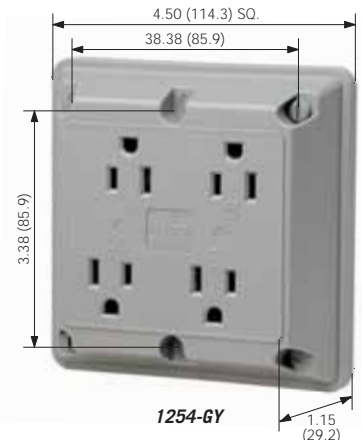
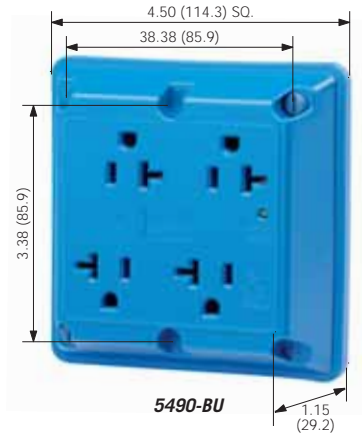
- UL Listed 498 for Hospital Grade (UL File #13399); UL Federal Specification WC-596; UI Listed Adapter Plates (File #E-13397)
- CSA Certified where applicable (CSA File #152105); CSA Certified Adapter Plates (File #LR-16347)
- NOM Certified (#057)
- Complies with NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty

### \*COLOR

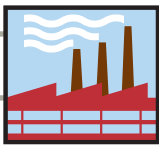
Basic Cat. Nos. denote Brown device, except for Isolated Ground (-IG) devices-Basic Cat. No. denotes Orange. Isolated Ground receptacle distinguished by orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Red (-R), Gray (-G or -GY), Black (-E), Orange (For adapter plates and portable boxes only, -OR), Blue (-BU, -BLU, -B) and Yellow (-Y).

### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60° C maximum continuous

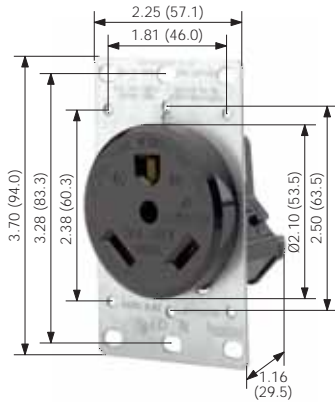


Straight Blade Receptacles

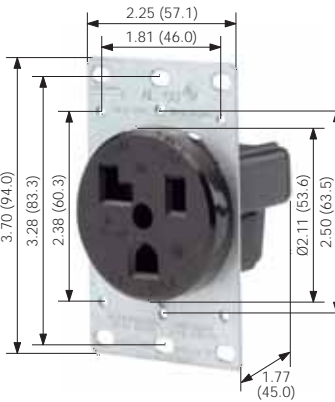


20 AMP 120/208V • 30 AMP 125V

## Industrial Grade Straight Blade Receptacles



7313



5371

### Power Devices

#### 20 AMP 120/208V 3ØY 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>7250-FR</b> 18-20R	Fits any standard single gang receptacle plate with 1.41" diameter center hole. See Section E for more information
Matching Plug	<b>7251-C</b> 18-20P	

#### 30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>5371</b> 5-30R	Fits all wallplates with 2.15" diameter center hole. See Section E for more information
Flush Mount Receptacle Isolated Ground	<b>5371-IG</b>	As above
Matching Angle Plug	<b>9530-P</b> 5-30P	

#### 30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.
Flush Mount Receptacle for Recreational Vehicles	<b>7313</b> TT-30R
Matching Angle Plug	<b>830-T</b> TT-30P ANSI STD. C73.13

### Wallplates

THERMOPLASTIC	430 STAINLESS STEEL		ALUMINUM	WEATHER-RESISTANT COVER
2.15" Dia. Opening	2.15" Dia. Opening	1.41" Dia. Opening for use with 7250	2.15" Dia. Opening	IP64 Rated
80728-E	80726-I	84028  84026	84004  83028	WP2

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminals marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes

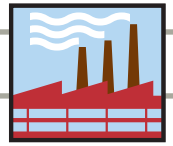
#### TESTING AND CODE COMPLIANCE

- UL Listed for copper or aluminum conductors—except Cat. Nos. 7250, 7313, 830-T (File #E-13399); Angle Plugs (File #E-13393)

- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); Receptacle for Recreational Vehicles (File #2781); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS



Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

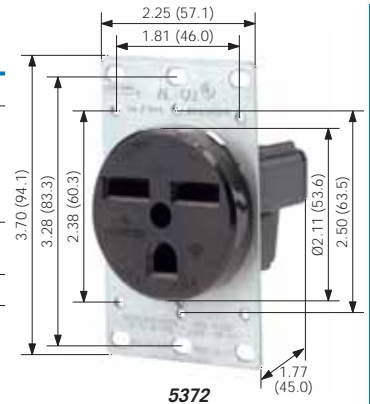


## Industrial Grade Straight Blade Receptacles

### Power Devices



#### 30 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>5372</b>	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
	6-30R 	
Flush Mount Receptacle Isolated Ground	<b>5372-IG</b>	As above
Surface Mount Receptacle	<b>5376</b>	
Matching Angle Plug	<b>9630-P</b>	
	6-30P 	



5372



#### 30 AMP 277V 2-Pole 3-Wire Grounding

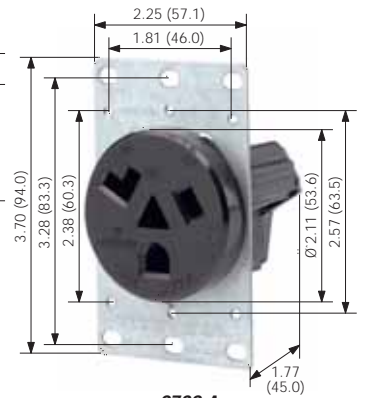
DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>9730-A</b>	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
	7-30R 	
Matching Angle Plug	<b>9730-P</b>	
	7-30P 	



5376


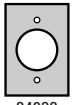
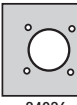
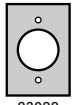
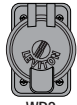
#### 30 AMP 125/250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>5207</b>	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
	10-30R 	
Surface Mount Receptacle	<b>5054</b>	
Matching Angle Plug	<b>9332-P</b>	
	10-30P 	



9730-A

### Wallplates

THERMOPLASTIC	430 STAINLESS STEEL	ALUMINUM	WEATHER-RESISTANT COVER
2.15" Dia. Opening	2.15" Dia. Opening	2.15" Dia. Opening	IP64 Rated
	 		
80728-E	80726-I	84028	84026
		83028	WP2

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

- Made of durable thermoplastic
- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminals marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes
- Surface-mount devices are COMMERCIAL GRADE and have concentric knockouts for 3/4" and 1" conduit and adjustable cord clamp for back and bottom entrance of cable

#### TESTING AND CODE COMPLIANCE

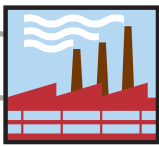
- UL Listed for copper or aluminum conductors (File #E-13399); Angle Plugs (File #E-13393, File #E-3810)
- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
 Operating Temperature: From -40° C (without impact) to 75° C maximum continuous

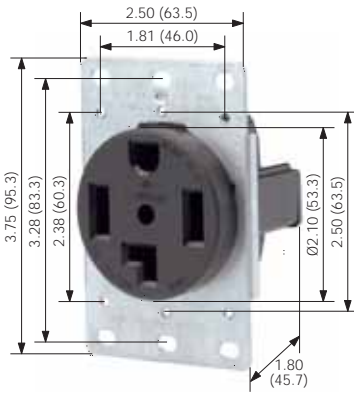


5054



# 30 AMP 125/250V • 30 AMP 250V 3Ø • 30 AMP 120/208V 3ØY

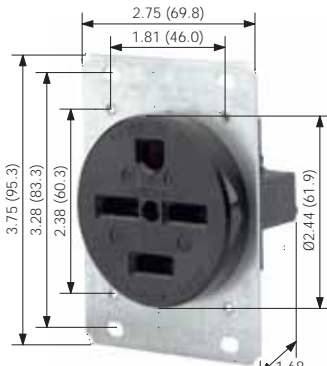
## Industrial Grade Straight Blade Receptacles



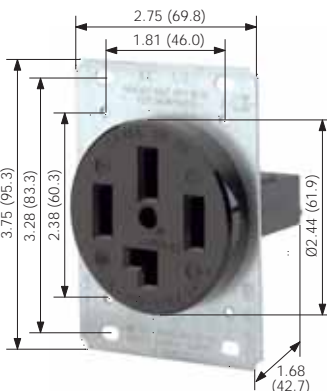
278



55054



8430



8330

### Power Devices

#### 30 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>278</b>	Fits all wallplates with 2.15" diameter center hole, (shown on page G9). See Section E for more information.
	14-30R	
Panel Mount Receptacle	<b>278-PM</b>	Same dimensions as Cat. No. 279-PM (except for NEMA config.) shown on page G10.
Surface Mount Receptacles	<b>55054</b>	
Matching Angle Plug	<b>9432-P</b>	
	14-30R	

#### 30 AMP 250V 3Ø 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>8430</b>	Fits 2-gang wallplates w/2.465" diameter center hole. See Section E for more information.
	15-30R	
Matching Angle Plug	<b>8432-P</b>	
	15-30P	

#### 30 AMP 120/208V 3ØY 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>8330</b>	Fits 2-gang wallplates w/2.465" diameter center hole. See Section E for more information.
	18-30R	
Matching Angle Plug	<b>8332-P</b>	
	18-30R	

### Wallplates

302 STAINLESS STEEL	430 STAINLESS STEEL	STEEL-ALUMINUM FINISH
2.465" Dia. Opening	2.465" Dia. Opening	2.465" Dia. Opening
S701-40	S701	S701-GY

For Cat. No. 278, see recommended wallplates (with 2.15" Dia. Opening) on page G9  
For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

- Made of durable thermoplastic
- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminal marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes
- Surface mount devices are COMMERCIAL GRADE and have concentric knockouts for 3/4" and 1" conduit and adjustable cord clamp and back and bottom entrance of cable

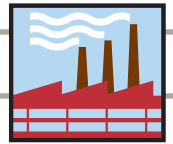
#### TESTING AND CODE COMPLIANCE

- UL Listed for copper or aluminum conductors (File #E-13399); Angle Plugs (File #E-13393, File #E-3810)
- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS



Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 75° C maximum continuous





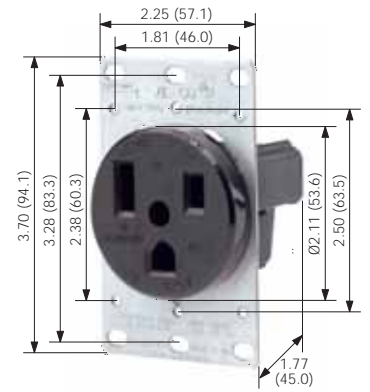


Industrial Grade Straight Blade Receptacles



Power Devices



50 AMP 125V 2-Pole 3-Wire Grounding  

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>5373</b>	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
	5-50R 	
Matching Angle Plug	<b>9550-P</b>	
	5-50P 	





5373



50 AMP 250V 2-Pole 3-Wire Grounding  

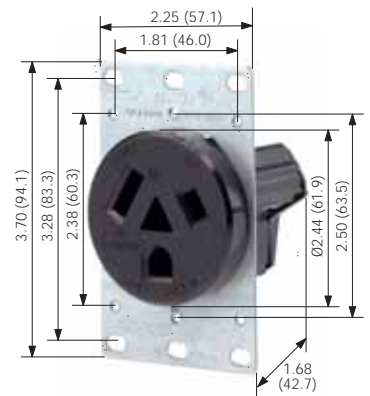
DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>5374</b>	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
	6-50R 	
Flush Mount Receptacle Isolated Ground	<b>5374-IG</b>	As above
Surface Mount Receptacle	<b>5378</b>	
Matching Angle Plug	<b>9650-P</b>	
	6-50P 	



5378







50 AMP 277V 2-Pole 3-Wire Grounding  

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>9750-A</b>	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
	7-50R 	
Matching Angle Plug	<b>9750-P</b>	
	7-50P 	



9750-A

Wallplates

THERMOPLASTIC	430 STAINLESS STEEL	ALUMINUM	WEATHER-RESISTANT COVER
2.15" Dia. Opening	2.15" Dia. Opening	2.15" Dia. Opening	IP64 Rated
 80728-E	 84028	 83028	 WP2
 80726-I	 84026		

For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

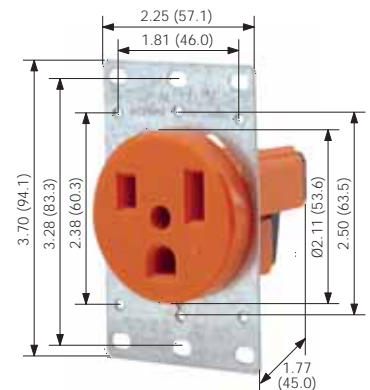
- Made of durable thermoplastic
- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminal marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes
- Surface-mount devices are COMMERCIAL GRADE and have concentric knockouts for 3/4" and 1" conduit and adjustable cord clamp and back and bottom entrance of cable

TESTING AND CODE COMPLIANCE

- UL Listed for copper or aluminum conductors (File #E-13399); Angle Plugs (File #E-13393, File #E-3810)
- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

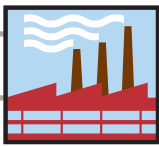
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 75°C maximum continuous



5374-IG

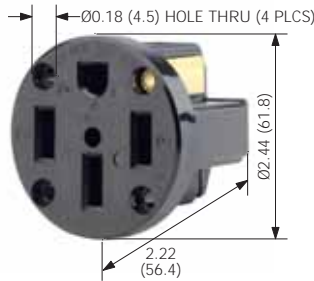
Straight Blade Receptacles



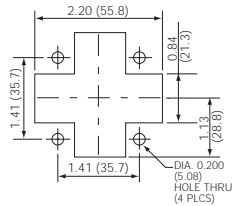
# 50 AMP 125/250 and 250V 3Ø

## Industrial Grade Straight Blade Receptacles

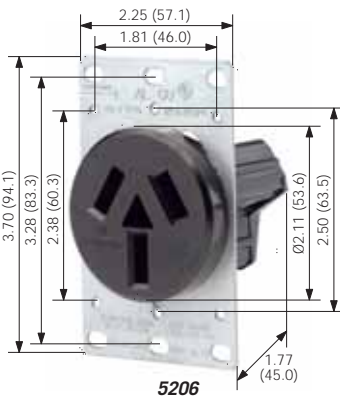
Straight Blade Receptacles



**279-PM**



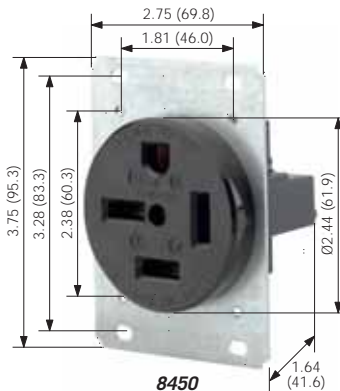
**279-PM Recommended Panel Cutout**



**5206**



**55050**



**8450**

### Power Devices

#### 50 AMP 125/250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>5206</b> 10-50R	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
Surface Mount Receptacle	<b>5050</b>	
Matching Angle Plug	<b>9450-P</b> 10-50P	

#### 50 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>279</b> 14-50R	Same dimensions as Cat. No. 278 (except for NEMA config.) shown on page G8. Fits all wallplates with .215" diameter hole. See Section E for more information.
Panel Mount Receptacle	<b>279-PM</b>	Same dimensions (except for NEMA config.) and recommended panel cutout as Cat. No. 278-PM listed on page G8.
Surface Mount Receptacle	<b>55050</b>	
Matching Angle Plug	<b>9452-P</b> 14-50P	

#### 50 AMP 250V 3Ø 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>8450</b> 15-50R	Fits wallplates with 2.465" diameter center hole. See Section E for more information.
Flush Mount Receptacle Isolated Ground	<b>8450-IG</b>	As above
Matching Angle Plug	<b>8452-P</b> 15-50P	

### Wallplates

430 STAINLESS STEEL	302 STAINLESS STEEL	WEATHER-RESISTANT COVER
2.15" Dia. Opening—For use with 279 & 5206	2.465" Dia. Opening—For use with 8450-A	IP64 Rated
 84028	 84026	 S701-40
		 WP2

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

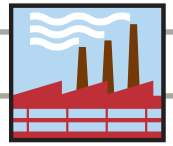
- Made of durable thermoplastic
- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminal marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes
- Surface-mount devices are COMMERCIAL GRADE and have concentric knockouts for 3/4" and 1" conduit and adjustable cord clamp and back and bottom entrance of cable

#### TESTING AND CODE COMPLIANCE

- UL Listed for copper or aluminum conductors (File #E-13399); Angle Plugs (File #E-13393, File #E-3810)
- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 75° C maximum continuous



Industrial Grade Straight Blade Receptacles

Power Devices

50 AMP 120/208V 3ØY 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>8350</b> 18-50R	Fits wallplates with 2.465" diameter center hole.
Matching Angle Plug	<b>8352-P</b> 18-50P	

60 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>9460</b> 14-60R	Fits wallplates with 2.465" diameter hole.
Flush Mount Receptacle Isolated Ground	<b>9460-IG</b>	As above
Matching Angle Plug	<b>9462-P</b> 14-60P	

60 AMP 250V 3Ø 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>8460</b> 15-60R	Fits wallplates with 2.465" diameter hole.
Matching Angle Plug	<b>8462-P</b> 15-60P	

60 AMP 120/208V 3ØY 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	<b>8360</b> 18-60R	Fits wallplates with 2.465" diameter hole.
Matching Angle Plug	<b>8362-P</b> 18-60P	

Wallplates

302 STAINLESS STEEL	430 STAINLESS STEEL	STEEL-ALUMINUM FINISH
2.465" Dia. Opening	2.465" Dia. Opening	2.465" Dia. Opening
 S701-40	 S701	 S701-GY

For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

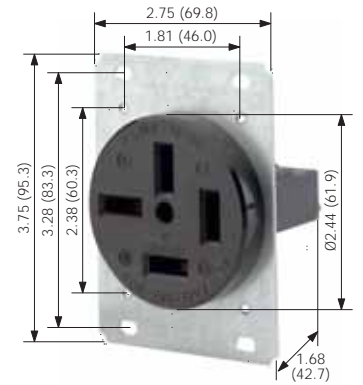
- Made of durable thermoplastic
- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminal marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes

TESTING AND CODE COMPLIANCE

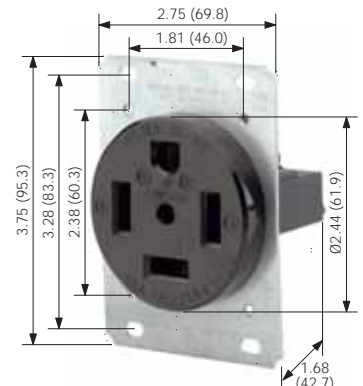
- UL Listed for copper or aluminum conductors (File #E-13399); Angle Plugs (File #E-13393, File #E-3810)
- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

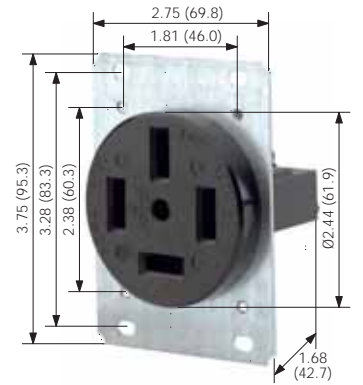
Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 75°C maximum continuous



8350

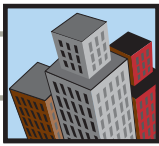


9460



8360

Straight Blade Receptacles



# STRAIGHT BLADE RECEPTACLE FEATURES

## Commercial Grade Straight Blade Receptacles

LEVITON OFFERS A LARGE SELECTION OF 15 AND 20 AMP COMMERCIAL GRADE RECEPTACLES, AVAILABLE IN A WIDE VARIETY OF COLORS, WIRING OPTIONS AND OTHER FEATURES.



**Back & Side Wired**  
Constructed of high impact resistant thermoplastic, power contacts are triple wipe for good conductivity.  
**BR15-I shown**



**Side Wired**  
Available with back and side-wired options, it can operate at either 125 or 250V volts.  
**CR015-W shown**



**Dual Voltage**  
Smooth face, self-grounding clip, easily accessible break-off tabs for split-circuit wiring.  
**5844 shown**

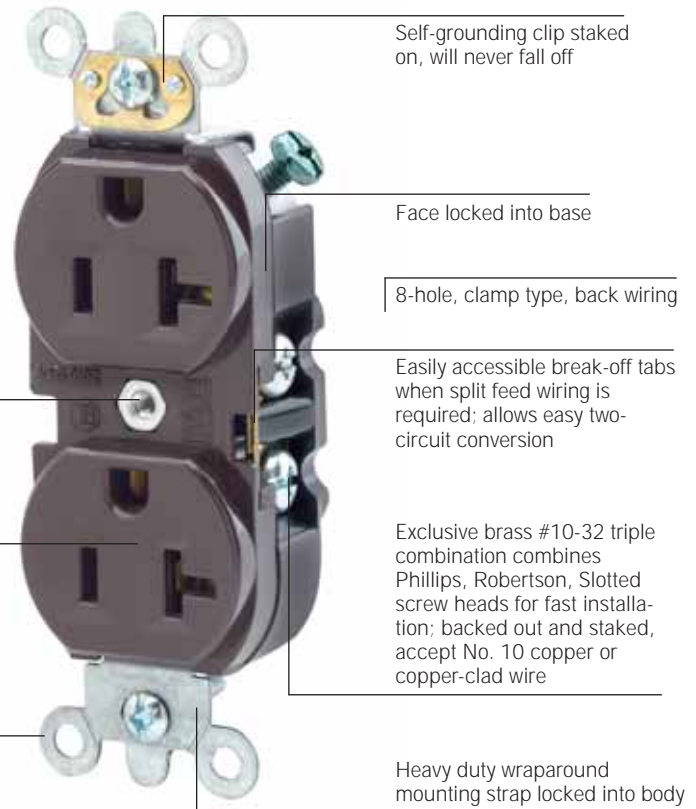


**Brass Floor Box Assembly**  
Complete with brass plate, integrated receptacle, brass screw-in cap and O-ring.  
**5249-FBA shown**

*Leviton's Commercial Receptacles are manufactured to withstand the demands of commercial and institutional applications. These commercial receptacles provide long-lasting service life and are a cost-saving alternative to the industrial devices.*

### Features and Benefits

- Cost-efficient alternative to industrial receptacles
- Manufactured to withstand the demands of commercial and institutional applications
- Power contacts available in triple and double wipe for maximum conductivity and plug retention
- Shallow design for maximum wiring room in box
- UL Listed 498 (UL File #E-13399)
- CSA Certified where applicable (CSA File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty
- All commercial side-wired receptacles have #8-32 triple combination head terminal screws
- All commercial back and side-wired receptacles have #10-32 triple combination head terminal screws



Self-grounding clip staked on, will never fall off

Face locked into base

8-hole, clamp type, back wiring

Easily accessible break-off tabs when split feed wiring is required; allows easy two-circuit conversion

Exclusive brass #10-32 triple combination combines Phillips, Robertson, Slotted screw heads for fast installation; backed out and staked, accept No. 10 copper or copper-clad wire

Heavy duty wraparound mounting strap locked into body

Zinc die-cast bushing for additional assembly security

Base and face made of high impact thermoplastic

Convenient washer-type break-off plaster ears for best flush alignment

**BR20 shown**

Back-wiring clamps accept up to No. 10 solid or stranded copper wire

Exclusive V-shaped, serrated back-wiring clamps for superior contact and conductivity





# 15 AMP 125 and 250V • 20 AMP 125 and 250V

## Commercial Grade Straight Blade Receptacles





### Back and Side Wired 15 AMP 125V & 250V 20 AMP 125V & 250V Grounding

(Basic Cat. No. Denotes Brown Device\*)



DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
	5-15R 	6-15R 	5-20R 	6-20R 
Duplex Receptacle	<b>BR15</b> I, W, GY, E, A, T	<b>5098</b> Brown only	<b>BR20</b> I, W, GY, E, A, T	<b>5824</b> 
Single Receptacle	<b>5088</b> I, A	<b>5089</b> I (No Brown)	<b>5891</b> W	<b>5823</b> 

### Dual Voltage Back and Side Wired 20 AMP 125V & 20 AMP 250V Grounding



(Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO. 20A/125V	CAT. NO. 20A/250V	COLOR*
	5-20R 	6-20R 	Basic Cat. No. Denotes Brown
Duplex Receptacle, Dual Voltage	<b>5844</b>	<b>5844</b>	







### Dual Voltage Side Wired 15 AMP 125V & 15 AMP 250V Grounding

DESCRIPTION	CAT. NO. 15A/125V	CAT. NO. 15A/250V	COLOR*
	5-15R 	6-15R 	Basic Cat. No. Denotes Brown
Duplex, Grounding, Dual Voltage (Triple Wipe)	<b>5031</b>	<b>5031</b>	I, W

### Dual Voltage Side Wired 20 AMP 125V & 20 AMP 250V Grounding

DESCRIPTION	CAT. NO. 20A/125V	CAT. NO. 20A/250V	COLOR*
	5-20R 	6-20R 	Basic Cat. No. Denotes Brown
Duplex Receptacle, Dual Voltage (Triple Wipe)	<b>5842</b>	<b>5842</b>	

### Wallplates

THERMOPLASTIC			302 STAINLESS STEEL		
					
80703-1	80704-W	80716-1	84003-40	84004-40	84016-40

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

- Large-head, triple-drive terminal screws, backed out and staked, accept No. 10 copper or copper-clad wire
- Back-wiring clamps accept up to No. 10 copper or copper-clad wire
- All power contacts are triple wipe for maximum conductivity and plug retention
- Heavy-gauge, rust-resistant steel mounting strap
- Shallow design for maximum wiring room in box
- Convenient washer-type break-off plaster ears for best flush alignment
- Captive mounting screws for fast installation
- Break-off tabs on duplex receptacles for easy two-circuit conversion

#### TESTING AND CODE COMPLIANCE

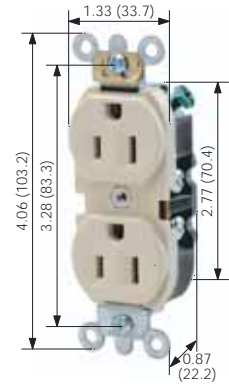
- UL Listed 498
- CSA Certified where applicable (File #LR-406)
- NOM Certified (#057)
- Meets or exceeds NEMA WD-1, & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty

#### \*COLOR

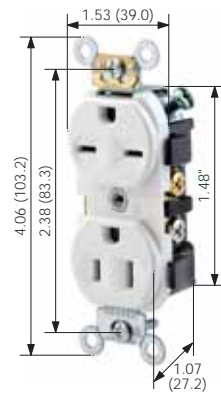
Basic Cat. Nos. shown above denote Brown color. For other color selections, add the suffix to catalog number as follows: Ivory (-I), White (-W), Black (-E), Almond (-A), Light Almond (-T), Gray (-GY).

#### MATERIAL CHARACTERISTICS

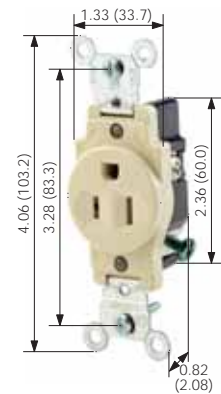
Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60°C maximum continuous



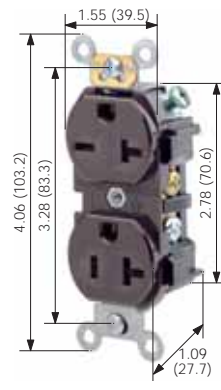
BR15-I



5031-W

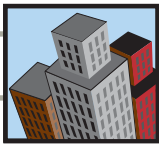


5088-I



5844





# 15 AMP 125 and 250V • 20 AMP 125 and 250V

## Commercial Grade Straight Blade Receptacles



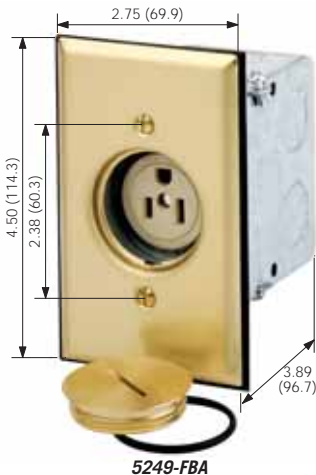
CR015-W



CR20-GY







CR15S-GI



5249-FBA

### Side Wired 15 AMP 125 and 250V 20 AMP 125 and 250V



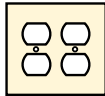


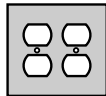
(Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
	5-15R 	6-15R 	5-20R 	6-20R 
Duplex Receptacle	<b>CR15</b> I, W, A, T, GY, E	<b>5028*</b> I	<b>CR20</b> I, W, A, T, GY, E	<b>5822*</b> I, W
Duplex Receptacle, Smooth Face	<b>CR015</b> I, W, GY	—	<b>CR020</b> I, W, GY	—
Duplex Receptacle, on 4" Cover★	<b>5042</b> Zinc plated steel	—	—	—
Single Receptacle	<b>5015</b> I, W, A, T	<b>5029</b> I	<b>5801</b> I, W, A, T	<b>5821</b> I, W, A, T
Single Receptacle on 4" Cover	<b>5059</b> Zinc plated steel	—	—	—
Duplex Receptacle with Pigtail Leads★	<b>5040</b> I, (No Brown)	—	<b>5340</b> I	—
Single Receptacle, Short Strap, 8-32 Tapped Mounting Holes on 1 3/4" Centers	<b>5258-SS</b> E Only	<b>5658-SS</b> E Only	—	<b>5458-SS</b> E Only
Tamper Resistant Duplex Receptacle	<b>CR15S-G</b> I, W (No Brown)	—	—	—
Single Display Receptacle w/Solid Brass Plate.	<b>5250</b> Brass	—	—	—
Single Brass Floorbox Assembly.	<b>5249-FBA</b> Brass	—	<b>5349-FBA</b> Brass	—
Duplex Brass Floorbox Assembly	<b>25249-FBA</b> Brass	—	<b>25349-FBA</b> Brass	—

Floorbox Replacement Screw Cap with O-Ring—Single, Brass—**5249-CAP**; Duplex, Brass—**25249-CAP**

CSA Certified except where indicated by ★

### Wallplates

THERMOPLASTIC			302 STAINLESS STEEL		
					
80703-I	80704-W	80716-I	84003-40	84004-40	84016-40

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

##### Side Wired Duplex Receptacles

- Large-head terminal screws, backed out and staked, accept No. 10 copper or copper-clad wire
- All power contacts are triple wipe for maximum conductivity and plug retention — except CR series
- Heavy-gauge, rust-resistant steel mounting strap
- Shallow design for maximum wiring room in box
- Convenient washer-type break-off plaster ears for best flush alignment
- Captive mounting screws for fast installation where applicable

##### Brass Floorbox Assembly

- Complies with NEC 370-27(b)
- All-in-one, ready-to-wire unit provides quick, easy installation
- Plate gasket and O-ring combine to seal out moisture and contaminants
- Thick brass plate and screw cap resist abuse and prevent contaminant from entering device
- Durable nylon face and body resist breakage
- Brass screw cap threaded to fit flush to plate
- Green grounding screw

#### TESTING AND CODE COMPLIANCE

- UL Listed 498 (File #E-13399)
- CSA Certified where applicable (File #LR-406)
- NOM Certified (#057)
- Meets or exceeds NEMA WD-1, and -6, and ANSI standards
- Backed by a Limited 10-Year Warranty

#### \*COLOR

Basic Cat. Nos. shown above denote Brown color device. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-GY) and Black (-E).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60° C maximum continuous



Commercial Grade QuickPort® Jacks w/Brass Floorplate • Straight Blade Receptacles

QuickPort® Snap-In Jacks and Modules with Brass Floorplate

DESCRIPTION	CAT. NO.	COLOR*
Floor Jack Housing with Brass Plate and 6-Conductor Jack	41650-6	Brass
Floor Jack Housing with Brass Plate and Coaxial F-Connector	41650-F	Brass
Duplex Floor Jack Housing with Brass Plate and Two 6-Conductor Jacks	41652-6	Brass
Duplex Floor Jack Housing with Brass Plate, 6-Conductor Jack and Coaxial F-Connector	41652-6F	Brass
Duplex Floor Jack Housing only; 1 Blank Filler Provided	41652-000	Brass

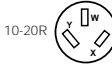
Back and Side Wired 15 AMP 277V AC Grounding

DESCRIPTION	CAT. NO.	COLOR*
Duplex Receptacle (Double Wipe)	5585	Brown Only



Side Wired 20 AMP 125/250V Non-Grounding

DESCRIPTION	CAT. NO.	COLOR*
Single Receptacle (Double Wipe) (9151-N matching plug on page M4)	5032	I



SPECIFICATIONS AND FEATURES

Receptacles

- Terminal screws, backed out and staked, accept No. 10 copper or copper-clad wire
- Power contacts are double wipe for maximum conductivity and plug retention
- Heavy gauge, rust-resistant steel mounting strap
- Shallow design for maximum wiring room in box
- Convenient washer-type break-off plaster ears for best flush alignment
- Captive mounting screws for fast installation

TESTING AND CODE COMPLIANCE

- UL Listed 498
- CSA Certified where applicable (File #LR-406)
- NOM Certified (#057)
- Meets or exceeds NEMA WD-1 and -6, and ANSI standards
- Backed by a Limited 10-Year Warranty

\*COLOR

Basic Cat. Nos. shown above denote Brown color. For other color selections, add the suffix to catalog number as follows: Ivory (-I).

MATERIAL CHARACTERISTICS

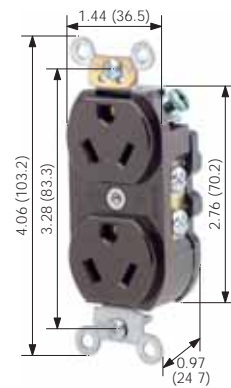
Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60° C maximum continuous



41650-F



41652-6F

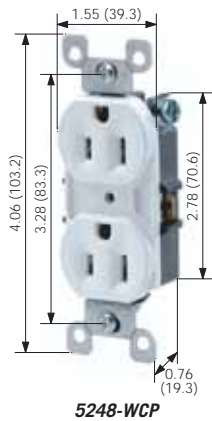


5585

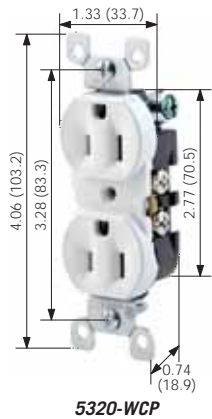


# 15 AMP 125V • 15 AMP 125V CO/ALR

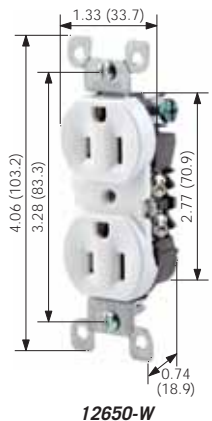
## Residential Grade Straight Blade Receptacles



5248-WCP



5320-WCP



12650-W

### 8-Hole Quickwire Push-In 15 AMP 125V Grounding

DESCRIPTION	CAT. NO.	COLOR*
Duplex Receptacle, CONTRACTOR PACK (10 BULK)	5248-CP	I, W <small>Basic Cat. No. Denotes Brown</small>
	5-15R	
Duplex Receptacle, Less Plaster Ears (200 BULK)	5248-4	I, W

### Quickwire Push-In and Side Wired 15 AMP 125V Grounding

DESCRIPTION	CAT. NO.	COLOR*
Duplex Receptacle, All Screws Backed Out, CONTRACTOR PACK (10 BULK)	5320-CP	I, W, A, T <small>Basic Cat. No. Denotes Brown</small>
	5-15R	
Duplex Receptacle, Self-Grounding	5320-S	I, W, A, T
Duplex Receptacle, Less Plaster Ears★, All Screws Backed Out	5320-4	I, W

### Side Wired 15 AMP 125V Grounding

DESCRIPTION	CAT. NO.	COLOR*
Duplex Receptacle, on 4" Cover	1228	Brown Only <small>Basic Cat. No. Denotes Brown</small>
	5-15R	

CONTRACTOR PACK is a box of 10 bulk-packed devices (no individual packaging) for speedy on-the-job installation.

### Side Wired CO/ALR 15 AMP 125V Grounding

DESCRIPTION	CAT. NO.	COLOR*
Duplex Receptacle, UL Listed for direct connection to No. 12 or No. 10 aluminum conductors	12650	I, W <small>No Brown</small>
	5-15R	



CSA Certified except where indicated by ★

### Wallplates

THERMOSET		THERMOPLASTIC		302 STAINLESS STEEL	
85003	86016	80703-1	80716-1	84003-40	84016-40

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

- Terminal screws accept up to No. 12 copper or copper-clad wire
- Quickwire push-in terminals accept No. 14 solid copper wire only
- Double-wipe power contacts for maximum conductivity and plug retention
- Thermoplastic construction
- Heavy-gauge, rust-resistant steel mounting strap
- Shallow design for maximum wiring room
- Break-off plaster ears for best flush alignment
- Captive mounting screws
- Break-off tabs allow easy two-circuit conversion

#### TESTING AND CODE COMPLIANCE

- UL Listed 498
- CSA Certified where applicable (File #LR-406)
- NOM Certified (#057)
- Meets or exceeds NEMA standards
- Backed by a Limited Two Year Warranty
- CO/ALR UL Listed 1561

#### \*COLOR

Basic Cat. Nos. shown above denote Brown color. For other color selections, add the suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T).


#### MATERIAL CHARACTERISTICS

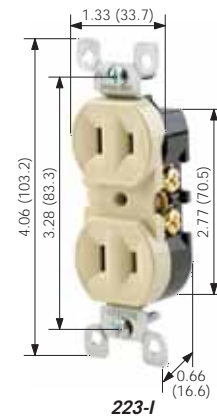
Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60°C maximum continuous







# Residential Grade Straight Blade Receptacles

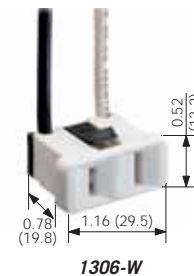
## Side Wired 15 AMP/125V Non-Grounding

DESCRIPTION	CAT. NO.	COLOR*
Duplex Receptacle, ★ Plaster Ears	<b>223</b>	I, W <small>Basic Cat. No. Denotes Brown</small>
	1-15R 	
Duplex Receptacle ★ T-SLOT, Not UL Listed; for replacement use only	<b>5000</b>	I




## Snap-In Devices 15 AMP/125V

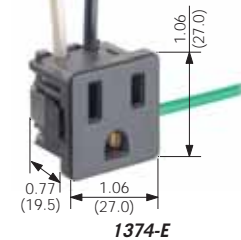
DESCRIPTION	CAT. NO.	PANEL THICKNESS (inches)	PANEL OPENING (inches)	COLOR*
2-Wire Polarized Outlet. Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped 1/2"	<b>1306</b>	.028 -.060	.97 x .52	E, W
	1-15R 			
2-Wire Polarized Outlet. Back Strap Mounting. Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped 1/2"	<b>306</b>	.015 -.093	.97 x .52	E, W
	1-15R 			
3-Wire Grounding Outlet. Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped 1/2". Grounding Wire No. 16 AWG	<b>1374</b>	.031 -.080*	.95 x .95	E, W
	5-15R 			
3-Wire Grounding Power Plug. Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped 1/2". Grounding Wire No. 16 AWG	<b>1373</b>	.031 -.080	.95 x .95	E
	5-15P 			



\*Other panel thicknesses available.

## Side Wired Clock Hanger 15 AMP/125V Grounding

DESCRIPTION	CAT. NO.	COLOR*
Flush Mount with Square Recess	<b>688</b>	I, W <small>No Brown</small>
	5-15R 	



CSA Certified except where indicated by ★

### SPECIFICATIONS AND FEATURES

#### 223-I & 5000

- Terminal screws accept up to No. 12 copper or copper-clad wire for side wiring
- Double-wipe power contacts for maximum conductivity and plug retention
- Heavy-gauge, rust-resistant steel mounting strap
- Shallow design for maximum wiring room
- Break-off plaster ears for best flush alignment
- Captive mounting screws
- Break-off tabs allow easy two-circuit conversion

#### Snap-In Devices

- All 1306 product come with dual exiting capabilities
- Snap-in devices with other mounting clips and terminations available upon request

### TESTING AND CODE COMPLIANCE

- UL Listed 498
- CSA Certified where applicable (File #LR-406)
- NOM Certified (#057)
- Meets or exceeds NEMA standards
- Backed by a Limited Two-Year Warranty

### \*COLOR

Basic Cat. Nos. shown above denote Brown color. For other color selections, add the suffix to catalog number as follows: Ivory (-I), White (-W), Black (-E).

### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

#### Snap-In Devices

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 65°C maximum continuous



Straight Blade Receptacles

The L-100 Leviton Wiring Device Catalog is designed to help you find the device you're seeking in the quickest and easiest way possible. Most product sections are divided into three distinct categories in the following sequence—Industrial Grade, Commercial Grade and Residential Grade—and grouped according to amperage and voltage, lowest to highest. For example, if you need to order 15 Amp, 125 Volt Industrial Grade straight-blade duplex receptacles, begin your search with the main Table of Contents at the front of the book. Here you'll see that all straight blade receptacles are listed in Section G. Turn to Section G for a more detailed Table of Contents on the first page. Each section page contains product descriptions, ratings and catalog numbers. There are also helpful highlights including Specifications and Features, Testing and Code Compliance, Color listing, Material Characteristics and dimensioned color product photos. Any product page in the L-100 Catalog can be clearly copied or faxed to customers and prospects for use as a specific sheet or as part of a presentation.

The Quick Reference Guide follows the main Table of Contents to help you pinpoint and locate specific products. Technical Section V provides general product and test data, industry standards, NEMA configuration charts, a glossary of wiring device terms, ANSI architectural symbols and other related information. Specific catalog numbers are listed in the exhaustive index at the back of the catalog.

## 15 AMP 125 and 250V • 20 AMP 125 and 250V Industrial Grade Straight Blade Receptacles

1.53 (38.9)  
4.06 (103.2)  
3.28 (83.3)  
2.77 (70.4)  
0.87 (22.1)

**Back and Side Wired** (Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
LEVSPEC® Duplex Receptacle, Brass Strap	5262 I, W, GY, R, E	5662 I	5362 I, W, GY, R, E	5462 I, GY
Single Receptacle	5261 I, W, GY	5661 I	5361 I, W, A, T, GY	5461 I, A, T, GY
Narrow Body Duplex Receptacle	5252 I, W, A, T, GY, R, F, BU		5352 I, W, A, T, GY, R,	

1.56 (39.6)  
4.06 (103.2)  
3.28 (83.3)  
2.80 (71.0)  
0.85 (21.6)

**For complete wallplate selection, see Section E.**

80703-IG

80703-I

80704-GY

80716-R

84003-40

84004-40

84016-40

**SPECIFICATIONS AND FEATURES**

**Back & Side Wired Duplex**

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Single-piece brass mounting strap on LEVSPEC devices, multi-piece steel strap on other devices
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- Back and side-wiring options
- Brass terminal screws to reduce conductor oxidation
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamp for superior contact and conductivity

**TESTING AND CODE COMPLIANCE**

- UL Listed 498 (UL File #13399); UL Federal Specification WC-596

**\*COLOR**

Basic Cat. Nos. shown above denote Brown device, except for Isolated Ground (-IG) devices. Basic Cat. No. denotes Orange. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Brown (For IG devices only, add -B), Almond (-A), Light Almond (-T), Gray (-G or -GY), Black (-E), Red (-R) and Blue (-BU; for IG devices only, add -BIG)

**MATERIAL CHARACTERISTICS**

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60° C maximum continuous

- |                                       |  |                                      |
|---------------------------------------|--|--------------------------------------|
| <b>A</b> RATING                       | <b>E</b> CATALOG NUMBER                      | <b>I</b> SPECIFICATIONS & FEATURES   |
| <b>B</b> Choose GRADE, if appropriate | <b>F</b> DESCRIPTION                         | <b>J</b> TESTING AND CODE COMPLIANCE |
| <b>C</b> DIMENSIONED PHOTOGRAPH       | <b>G</b> Check for NEMA CONFIGURATION        | <b>K</b> COLOR LISTING               |
| <b>D</b> WIRING/CERTIFICATIONS        | <b>H</b> WALLPLATE REFERENCE, if appropriate | <b>L</b> MATERIAL CHARACTERISTICS    |



# GFCI Personnel Protection Devices

## INDEX

### GFCI Personnel Protection Devices

SmartLock® GFCI Devices	H2-H5
Overview	H2-H3
Hospital Grade Receptacles	H4
Commercial Grade Receptacles	H4
Switch-Rated Blank Face	H4
Combination Switch/GFCI Outlet	H4
High-Current	H5
Right-Angle GFCI Plug	H5
Shallow Wallbox Extender for GFCI	H5
GFCI Cordsets and Extension Cords	H6
GFCI Accessories	H7
Flush Cover Wallplates	H7
Raintight While-In-Use Covers	H7
Temporary Portable Power Distribution Center/GFCI (The Box)	H7
Power Cords for The Box	H7



# SMARTLOCK® GFCI PERSONNEL PROTECTION DEVICE FEATURES

## Commercial Grade GFCI Personnel Protection Devices

LEVITON IS THE LEADING DESIGNER AND MANUFACTURER OF GROUND FAULT CIRCUIT INTERRUPTERS (GFCIs) IN THE ELECTRICAL INDUSTRY. FOR MORE THAN A QUARTER OF A CENTURY, LEVITON HAS DEVELOPED — AND CONTINUES TO DEVELOP — GFCI RECEPTACLES AND OTHER PRODUCTS TO HELP REDUCE THE HAZARD OF SERIOUS ELECTRICAL SHOCK.

The National Electric Code requires GFCI protection in specific locations within residential, commercial and industrial installations. New and revised GFCI applications appear with each new edition of the code. Leviton offers the largest and most diverse line of high quality, reliable devices to meet the demand for ground fault protection. Following is a complete listing of Leviton's GFCI product line.



### SmartLock® GFCI with Lockout Action

Meets or Exceeds Underwriters Laboratories (UL) 2003 GFCI Requirements

- Increased surge immunity
- Increased corrosion resistance
- Increased resistance to electrical noise
- Diagnostic indication for miswiring

### THE SMARTLOCK PROTECTION ADVANTAGE

**A standard GFCI can be RESET even if it's not providing ground fault protection. Leviton's patent-pending SmartLock features a RESET button that will not engage if protection has been compromised. With SmartLock, you will not have a live, unprotected receptacle in an installation where GFCI protection is required.**

### Ideal for a Wide Range of GFCI Applications

- Educational Facilities—Classrooms, bathrooms, laboratories, dormitory bathrooms and kitchens
- Airports—Public bathrooms, general use and maintenance areas
- Restaurants, Lodging and Retail Malls—Public bathrooms, general use and maintenance areas
- Residential—Kitchen, bathrooms, basements, outdoor receptacles and all locations where GFCI's are typically installed
- Public Areas—In any facility where GFCI receptacles are installed



**Be Smart...  
Look for the Lock**

#### SPECIFICATIONS AND FEATURES

- Meets or exceeds UL 2003 Requirements
  - TEST and RESET functions work together so that a tripped GFCI cannot be reset if GFCI circuit no longer provides ground fault protection
  - RESET button is blocked if GFCI protection has been compromised, reducing the possibility of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not
  - Cannot be reset if neutral is not present. GFCI can still be tripped with TEST button under this condition
  - Line-load diagnostic feature prevents GFCI from being reset and stops power from being fed through to downstream devices. This alerts installer to a line-load reversal. NOTE: Power will still be available to GFCI receptacle face in this condition and there will be no GFCI protection at the receptacle face
  - The SmartLock GFCI with lockout action is designed and patented by Leviton
  - Trip threshold meets or exceeds UL requirements for tripping time
  - Impact-resistant thermoplastic cover and body
  - Silver-alloy contacts
  - Compatible with all Decora devices: available in selected Decora colors
- Combination Switch/SmartLock® GFCI Outlet**
- Ideal for kitchens, bathrooms, modular kitchen units, bathroom cabinet fixtures, lamp cabinet fixtures and applications where combination devices are used.

#### TESTING AND CODE COMPLIANCE

- UL Standard 943 Class A (GFCI) and 498 (Receptacles)
- UL Listed (File # 48380)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### COLOR

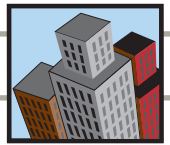
Basic Cat. Nos. denote Brown color unless indicated. For other color selections, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-G or GY), Red (-R), Black (-E).

#### MATERIAL CHARACTERISTICS

Flammability: Rated V2  
Operating Temperature: -30°F (-35°C) to 151°F (66°C)

# SMARTLOCK® GFCI PERSONNEL PROTECTION DEVICE FEATURES

## Commercial Grade GFCI Personnel Protection Devices



**UL Standard 943 Class A (GFCI) & 498 (Receptacles)  
CSA Certified (File #LR-57811)**

Thick-walled, impact-resistant thermoplastic nylon cover and body withstands abuse

Silver alloy contacts for reliable make/break switching

Triple combination terminal screws

"Surge hardened" electronics offer superior resistance to surges and overvoltages

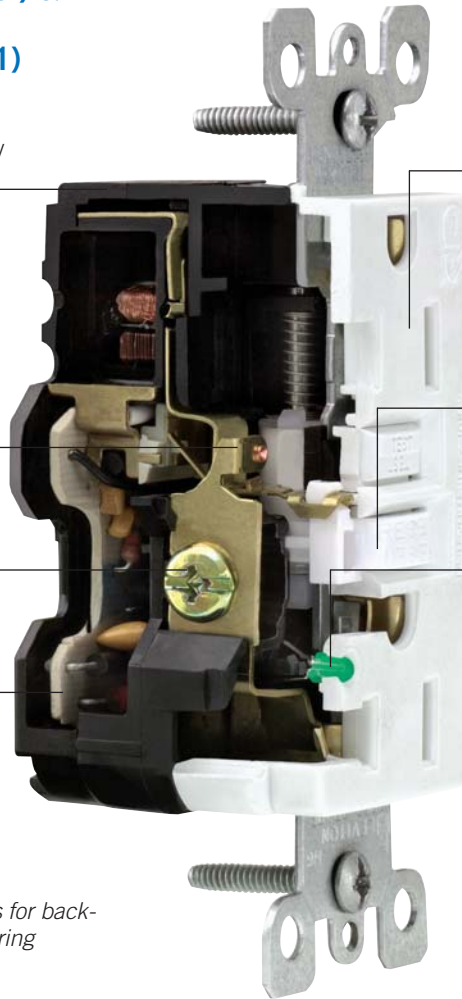
All 15 Amp Hospital Grade GFCI's are Fed Spec Listed.

Heavy duty double wipe for 15 Amp contacts and triple wipe for 20 Amp contacts

Patented lockout feature prevents "RESET" if GFCI is not functioning properly or miswired due to reversal of line and load leads

LED power indicator light helps diagnose improper wiring and, when illuminated, offers visual confirmation that power is available

**2 YEAR LIMITED WARRANTY**



**8598-W**



Provisions for back- or side-wiring

Eight back-wired holes (Four on each side) provide maximum wiring capability



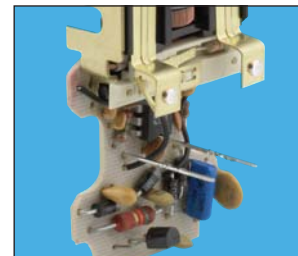
Leviton® SmartLock® icon ensures improved GFCI product design.



Lockout action blocks the "RESET" button if GFCI protection has been compromised.



LED indicator offers visual confirmation of power availability.



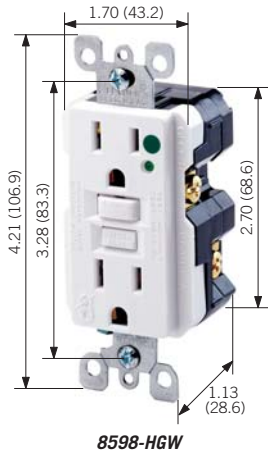
Advanced electronics design provides superior resistance to electrical surges and over-voltages.

**GFCI Personnel Protection Devices**

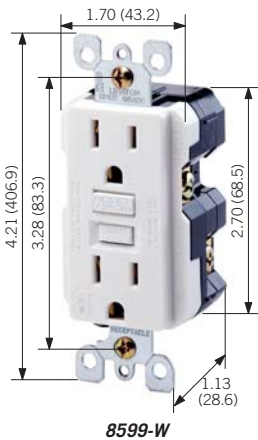


# 15 AMP 125V • 20 AMP 125V

## Commercial Grade GFCI Personnel Protection Devices




8598-HGW



8599-W

### Hospital Grade SmartLock® GFCI Receptacles — Back and Side Wired

#### 15 AMP 125V at Receptacle, 20 AMP Feed-Through


DESCRIPTION	CAT. NO.	COLOR* <small>Basic Cat. No. Denotes Brown</small>	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	8598-HG	I, W, A, G, R	
Duplex with LED Indicator Light, buttons match face color. DIN-Rail mounting with terminal wiring block. UL Recognized Component	8598-DIN	Black Only	

#### 20 AMP 125V at Receptacle and Feed-Through


DESCRIPTION	CAT. NO.	COLOR* <small>Basic Cat. No. Denotes Brown</small>	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	8898-HG	I, W, A, G, R	

### Commercial Grade SmartLock® GFCI Receptacles — Back and Side Wired

#### 15 AMP 125V at Receptacle, 20 AMP Feed-Through


DESCRIPTION	CAT. NO.	COLOR* <small>Basic Cat. No. Denotes Brown</small>	NEMA CONFIG.
Duplex, No Indicator Light, buttons match face color	8599	I, W, A, T, GY, E	
Duplex, No Indicator Light, Black & Red buttons. Contractor Pack	8599-CP	I, W (No Brown)	
Duplex, No Indicator Light, Black & Red buttons. With 4 1/2" leads	8599-L	I, W (No Brown)	
Duplex with LED Indicator Light, buttons match face color	8598	I, W, A, T, E	
Duplex with LED Indicator Light, Black & Red buttons. Contractor Pack	8598-CPW	White Only	

#### 20 AMP 125V at Receptacle and Feed-Through

DESCRIPTION	CAT. NO.	COLOR* <small>Basic Cat. No. Denotes Brown</small>	NEMA CONFIG.
Duplex, No Indicator Light, buttons match face color	8899	I, W, A, T, GY, E	
Duplex with LED Indicator Light, buttons match face color	8898	I, W, A, T	

### Combination Switch/ SmartLock® GFCI Outlet — Side Wired

#### 8.3 AMP 1000 WATT @ 120V AC Switch Rating, 15 AMP 125V at Receptacle, 20 AMP Feed-Through









DESCRIPTION	CAT. NO.	COLOR* <small>No Brown</small>	NEMA CONFIG.
Single-Pole Switch and SmartLock GFCI-Protected Outlet, buttons match face color	8299	I, W	

### Switch-Rated SmartLock® GFCI — Back and Side Wired

#### 1.5 HP @ 120V AC Switch Rating, 20 AMP 125V Feed-Through

DESCRIPTION	CAT. NO.	COLOR* <small>No Brown</small>
Blank Face, No Indicator Light, buttons match face color	8590	I, W, A

### Wallplates

THERMOSET		POLYCARBONATE SCREWLESS SNAP-ON		POLISHED BRASS		302 STAINLESS STEEL	
							
80401-NT	80409-NT	80301-SW	80309-SW	81401-PB	81409-PB	84401-40	84409-40

For complete Decora wallplate selection, see pages B20–B24.

#### TESTING AND CODE COMPLIANCE

- UL Standard 943 Class A (GFCI) and 498 (Receptacles)
- UL Listed (File # 48380)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### \*COLOR

Basic Cat. Nos. listed on page denote Brown color unless indicated. For other color selections, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-G or GY), Red (-R), Black (-E).

#### MATERIAL CHARACTERISTICS

Flammability: Rated V2  
Operating Temperature: -30°F (-35°C) to 151°F (66°C)



Commercial Grade GFCI Personnel Protection Devices



**High Current SmartLock® GFCI — Back and Side Wired**

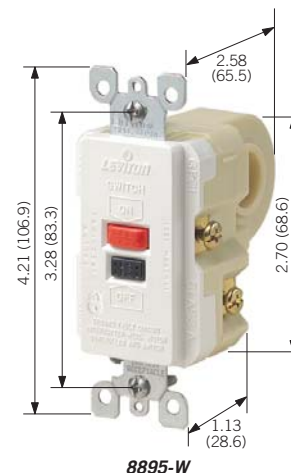
DESCRIPTION	CAT. NO.	COLOR*
High Current GFCI Contact rating at GFCI: 20A 125V, load capability with 125V control relay: 80A @ 240V max. <b>Note:</b> The 8895 is wired in conjunction with a switching contactor or relay supplied by the customer. Each 8895 and contactor combination <b>MUST</b> be reviewed and approved by UL. Consult Leviton, Little Neck, for a list of combinations approved to date.	<b>8895</b>	I, W, E <i>No Brown</i>

**Right Angle GFCI Plug**

DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
Rated 15A-125V, Automatic Reset	<b>16593</b>	Gray	
Rated 15A-125V, Manual Reset	<b>16594</b>	Yellow	5-15P
Rated 20A-125V, Automatic Reset	<b>16893</b>	Gray	
Rated 20A-125V, Manual Reset	<b>16894</b>	Yellow	5-20P
Waterproof Cover for Right Angle GFCI Plugs with ground pin up orientation	<b>86593</b>	Clear	

**GFCI Wallbox Extender**

DESCRIPTION	CAT. NO.	COLOR*
Shallow Wallbox extender for GFCI	<b>6197</b>	I, W <i>Basic Cat. No. Denotes Brown</i>



GFCI Personnel Protection Devices

**SPECIFICATIONS AND FEATURES**

**High Current GFCI**

- Adds ground fault protection to heavy equipment powered through 3-and 4-wire circuits grounded with neutral
- Meets or exceeds UL 2003 Code Requirements for increased surge immunity, corrosion resistance, resistance to false tripping and diagnostic indication for line-load wiring reversal
- Exclusive, patented lockout-action: RESET button is blocked if GFCI protection has been compromised, eliminating the risk of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not
- Test and Reset buttons confirm proper operation
- Ideal for use with spas, heater packs, high pressure washers, industrial mixers and other equipment

**Right Angle GFCI Plug**

- UL 943 Class A GFCI operation with open-neutral protection
- May be pre-wired to cable of any specified length
- Wiring module accepts No. 18 (.300") thru No. 12 (.607") cord sizes
- Power indicator light goes off if GFCI trips or unit is unplugged

**TESTING AND CODE COMPLIANCE**

**Right Angle GFCI Plug**

- UL Standard 943 Class A (GFCI) and 498 (receptacles)
- UL Recognized Component (File #48380)
- CSA Certified (LR-57811)
- Backed by a Limited One-Year Warranty

**\*COLOR**

Basic Cat. Nos. shown above denote color as indicated. For other color selections, add the suffix to catalog number as follows: Ivory (-I), White (-W), Black (-E).

**MATERIAL CHARACTERISTICS**

Flammability: Rated V2  
Operating Temperature: -30°F (-35°C) to 151°F (66°C)





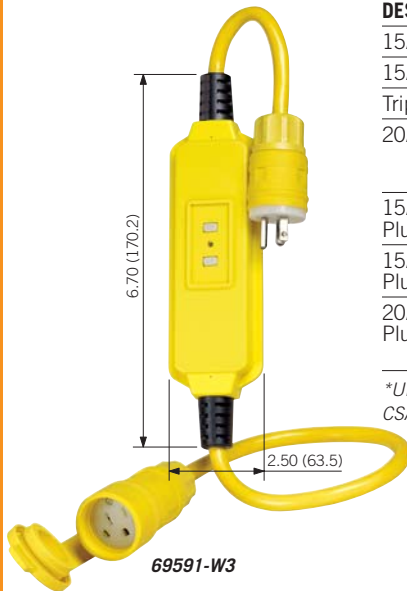
# 15 and 20 AMP 125V • 15 and 20 AMP 240V

## Commercial Grade GFCI Personnel Protection Devices



### Automatic Reset GFCI Cord Sets and Extension Cord — Black Body

DESCRIPTION	CAT. NO.	LENGTH	NEMA CONFIG.	
15A-125V GFCI Cord Set	<b>66591-2C</b>	2 feet		
15A-125V GFCI Cord Set	<b>66591-6C</b>	6 feet		
15A-125V GFCI Cord Set	<b>66591-25C</b>	25 feet	5-15P	5-15R
15A-125V GFCI Cord Set, with Fluorescent Light	<b>66591-WL</b>	20 feet		
15A-125V GFCI Cord Set, Triple Outlet	<b>66593-3</b>	3 feet		
15A-125V Locking GFCI Cord Set	<b>66597-3</b>	3 feet	L5-15P	L5-15R
20A-125V GFCI Cord Set	<b>66891-3</b>	3 feet	5-20P	5-20R
20A-125V Locking GFCI Cord Set	<b>66897-3</b>	3 feet	L5-20P	L5-20R
15A-125V GFCI Extension Cord*	<b>26591-37C</b>	37 feet	5-15P	No Connector
15A-125V GFCI Cord Set	<b>66591-2C</b>	2 feet	5-15P	5-15R
15A-240V GFCI Extension Cord*	<b>26592-E</b>	35 feet	6-15P	No Connector
20A-125V GFCI Extension Cord*	<b>36591-37C</b>	37 feet	5-20P	No Connector
20A-240V GFCI Extension Cord*	<b>36592-E</b>	35 feet	6-20P	No Connector



### Manual Reset GFCI Cord Sets — High Visibility Yellow Body

DESCRIPTION	CAT. NO.	LENGTH	NEMA CONFIG.	
15A-125V	<b>69591-3</b>	3 feet		
15A-125V	<b>69591-25</b>	25 feet	5-15P	5-15R
Triple-tap, 15A-125V	<b>69593-3</b>	3 feet		
20A-125V	<b>69891-3</b>	3 feet	5-20P	5-20R
15A-125V, w/Wetguard® Plugs and Connectors	<b>69591-W3</b>	3 feet	5-15P	5-15R
15A-125V, w/Wetguard® Plugs and Connectors	<b>69591-W25</b>	25 feet	5-15P	5-15R
20A-125V, w/Wetguard® Plugs and Connectors★	<b>69891-W3</b>	3 feet	5-20P	5-20R

\*UL recognized component  
CSA Certified except where indicated by ★

#### SPECIFICATIONS AND FEATURES

- UL 943 Class A GFCI operation with open-neutral protection
- Automatic Reset Cord Sets (black body) will automatically reset ON when power is restored after a power interruption
- Manual Reset Cord Sets (yellow body) will not automatically reset ON when power is restored after a power interruption—Reset button must be pushed in
- Trip threshold meets or exceeds UL requirements for tripping time
- Impact-resistant thermoplastic cover and body
- Silver alloy contacts
- Water-resistant enclosure is sealed by ultrasonic welding
- Power indicator light goes off if GFCI trips or unit is unplugged

#### TESTING AND CODE COMPLIANCE

- UL Standard 943 Class A (GFCI)
- UL Listed (File #48380)
- Backed by a Limited One-Year Warranty

#### MATERIAL CHARACTERISTICS

Flammability: Rated V2  
Operating Temperature: -30°F (-35°C) to 151°F (66°C)



Commercial Grade GFCI Personnel Protection Devices

Single Gang Flush Cover Wallplates — Gray Finish

MOUNTING POSITION & DESCRIPTION	CAT. NO.	FITS TYPE OF BOX
Vertical — Die-Cast Zinc	<b>6196-V</b>	Standard
Horizontal — Die-Cast Zinc	<b>6196</b>	Standard
Vertical — Die-Cast Zinc	<b>6196-VFS</b>	FS (Four Screws)
Horizontal — Die-Cast Zinc	<b>6196-FS</b>	FS (Four Screws)
Horizontal — Die-Cast Zinc	<b>4990</b>	Standard
Vertical — Die-Cast Zinc	<b>4992</b>	Standard
Horizontal — Plastic	<b>4996</b>	Standard
Vertical — Plastic	<b>4998</b>	Standard



Raintight While-In-Use Covers

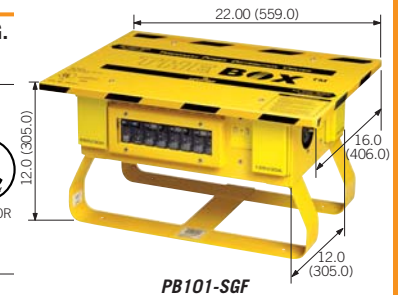
DESCRIPTION	CAT. NO.	COLOR
GFCI, Vertical Mount	<b>5977-GY</b>	Gray
GFCI, Vertical Mount w/Extra Deep Cover	<b>5977-DGY</b>	Gray
GFCI, Vertical Mount	<b>5977-CL</b>	Clear
GFCI, Vertical Mount w/Extra Deep Cover	<b>5977-DCL</b>	Clear
GFCI, Horizontal Mount	<b>5997-GY</b>	Gray
GFCI, Horizontal Mount w/Extra Deep Cover	<b>5997-DGY</b>	Gray
GFCI, Horizontal Mount	<b>5997-CL</b>	Clear
GFCI, Horizontal Mount w/Extra Deep Cover	<b>5997-DCL</b>	Clear

GFCI Circuit Tester 15/20A 125V AC

DESCRIPTION	CAT. NO.
GFCI Circuit Tester	<b>6185</b>

Temporary Portable Power Distribution Center/GFCI (The Box)

DESCRIPTION	CAT. NO.	INLET Non-NEMA California Style	OUTLET Non-NEMA California Style	NEMA CONFIG.
Power Distribution Box. GFCI-Protected Receptacles: (6) 20A/125V Locking, GFCI Protected (1) 30A/250V Locking, GFCI Protected	<b>PB101-SGF</b>	50A, 125/250V	50A, 125/250V	
Power Distribution Box GFCI Protected Receptacles: (6) 20A/125V Locking, GFCI Protected (1) 30A/250V Locking, Non-GFCI Protected	<b>PB101-000</b>	50A 125/250V	50A 125/250V	
Power Distribution Box, GFCI-Protected Receptacles: (6) 20A/125V Straight Blade, GFCI Protected (1) 30A/250V Locking, GFCI Protected	<b>PB103-SGF</b>	50A, 125/250V	50A, 125/250V	
Power Distribution Box GFCI Protected Receptacles: (6) 20A/125V Straight Blade, GFCI Protected (1) 30A/250V Locking, Non-GFCI Protected	<b>PB103-000</b>	50A 125/250V	50A 125/250V	



Power Cords

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
50 ft. Temporary Power Cord w/Weather-Resistant 50A, 125/250 Plug & Connector	<b>KRS-A9519</b>	
100 ft. Temporary Power Cord w/Weather-Resistant 50A, 125/250 Plug & Connector	<b>KUS-A9519</b>	

SPECIFICATIONS AND FEATURES

- The Box**
- For temporary use in industrial & commercial maintenance & repair stations (construction, entertainment, amusement sites, trade shows, convention halls) where portable power is needed
  - Weatherproof covers prevent nuisance tripping; prevent moisture from entering contacts
  - Clear port hole panel for circuit breaker viewing
  - Reinforced metal housing & legs withstand abuse
- Power Cords**
- Flexible, abrasion-resistant construction for reliable performance to -31°F


TESTING AND CODE COMPLIANCE

- Raintight covers satisfy NEC Article 410-57(b) requirements
  - Raintight covers are rated NEMA 3R
- The Box**
- Meets OSHA Regulation 20, Part 1926, Subpart K for open-neutral GFCI & circuit overload protection
  - UL Listed for outdoor use
  - Backed by a Limited One-Year Warranty
- Power Cords**
- UL Listed (File #E-48380)


GFCI Personnel Protection Devices

The L-100 Leviton Wiring Device Catalog is designed to help you find the device you're seeking in the quickest and easiest way possible. Most product sections are divided into three distinct categories in the following sequence—Industrial Grade, Commercial Grade and Residential Grade—and grouped according to amperage and voltage, lowest to highest. For example, if you need to order 15 Amp, 125 Volt Industrial Grade straight-blade duplex receptacles, begin your search with the main Table of Contents at the front of the book. Here you'll see that all straight blade receptacles are listed in Section G. Turn to Section G for a more detailed Table of Contents on the first page. Each section page contains product descriptions, ratings and catalog numbers. There are also helpful highlights including Specifications and Features, Testing and Code Compliance, Color listing, Material Characteristics and dimensioned color product photos. Any product page in the L-100 Catalog can be clearly copied or faxed to customers and prospects for use as a specific sheet or as part of a presentation.

The Quick Reference Guide follows the main Table of Contents to help you pinpoint and locate specific products. Technical Section V provides general product and test data, industry standards, NEMA configuration charts, a glossary of wiring device terms, ANSI architectural symbols and other related information. Specific catalog numbers are listed in the exhaustive index at the back of the catalog.



## 15 AMP 125 and 250V ~ 20 AMP 125 and 250V Industrial Grade Straight Blade Receptacles

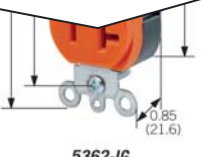


**A** RATING  
**B** Choose GRADE, if appropriate  
**C** DIMENSIONED PHOTOGRAPH  
**D** WIRING/CERTIFICATIONS

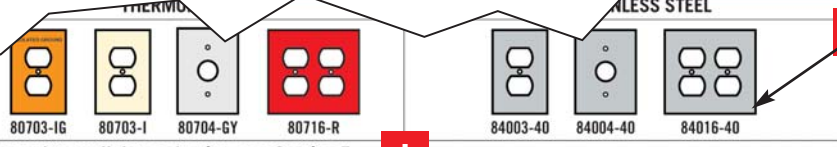
**Back and Side Wired** (Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
LEVSPEC® Duplex Receptacle, Brass Strap	5262 I, W, GY, R, E	5662 	5362 I, W, GY, R, E	5462 I, GY
Single Receptacle	5261 I, W, GY	5661 	5361 I, W, A, T, GY	5461 I, A, T, GY
Narrow Body Duplex Receptacle	5252 I, W, A, T, GY, R, BU	—	5352 I, W, A, T, GY, R,	—

**F** DESCRIPTION  
**E** CATALOG NUMBER  
**G** CHECK FOR NEMA CONFIGURATION



5362-IG



80703-IG 80703-I 80704-GY 80716-R 84003-40 84004-40 84016-40

**H** WALLPLATE REFERENCE, if appropriate

**I** SPECIFICATIONS AND FEATURES

**Back & Side Wired Duplex**

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Single-piece brass mounting strap on LEVSPEC devices, multi-piece steel strap on other devices
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- Back and side-wiring options
- Brass terminal screws to reduce conductor oxidation
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamp for superior contact and conductivity

**J** TESTING AND CODE COMPLIANCE

- UL Listed 498 (UL File #13399); UL Federal Specification WC-596

**K** COLOR LISTING

**\*COLOR**

Basic Cat. Nos. shown above denote Brown device, except for Isolated Ground (-IG) devices Basic Cat. No. denotes Orange. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Brown (For IG devices only, add -B), Almond (-A), Light Almond (-T), Gray (-G or -GY), Black (-E), Red (-R) and Blue (-BU; for IG devices only, add -BIG)

**L** MATERIAL CHARACTERISTICS

**MATERIAL CHARACTERISTICS**

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60° C maximum continuous

- |                                       |  |                                      |
|---------------------------------------|--|--------------------------------------|
| <b>A</b> RATING                       | <b>E</b> CATALOG NUMBER                      | <b>I</b> SPECIFICATIONS & FEATURES   |
| <b>B</b> Choose GRADE, if appropriate | <b>F</b> DESCRIPTION                         | <b>J</b> TESTING AND CODE COMPLIANCE |
| <b>C</b> DIMENSIONED PHOTOGRAPH       | <b>G</b> Check for NEMA CONFIGURATION        | <b>K</b> COLOR LISTING               |
| <b>D</b> WIRING/CERTIFICATIONS        | <b>H</b> WALLPLATE REFERENCE, if appropriate | <b>L</b> MATERIAL CHARACTERISTICS    |



# Combination Devices

## INDEX

### Commercial Grade

#### AC Combination Devices

15A Devices	.I2
15A Switch/Receptacle	.I2
15A Switches	.I2
15A S.P. Switch/Neon Pilot Light	.I2
20A Devices	.I2
20A S.P. Switches	.I2
20A S.P. Switch/Receptacle	.I2
20A S.P. Switch/Neon Pilot Light	.I2
Decora® Combination Devices	.I3
Decora® Multi Switches	.I4
SmartLock® GFCI/Switch	.I4



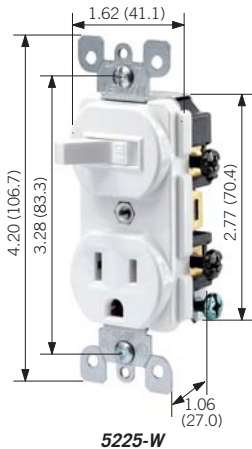
# 15 and 20 AMP 120V and 120/277V

## Commercial Grade AC Combination Devices

**LEVITON OFFERS THE MOST COMPREHENSIVE LINE OF DURABLE COMBINATION DEVICES ON THE MARKET TODAY.**

Combination devices permit installation of two devices in a space normally occupied by only one, resulting in reduced installation time and increased convenience.

The following pages provide a detailed listing of the complete line of Leviton combination devices.



5225-W



5224-2W



5226-W

### Combination Devices

#### 15 AMP

DESCRIPTION	RATING	CAT. NO.	COLOR* <small>Basic Cat. No. Denotes Brown</small>
Single-Pole Switch/Receptacle	Switch: 15A–120V AC Receptacle: 15A-125V	5225	I, W, A, T
3-Way Switch/Receptacle (Non-Grounding Switch)	Switch: 15A–120V AC Receptacle: 15A–125V	5245	I, W
Two Single-Pole Switches (Non-Grounding)	15A–120/277V AC	5224	I, W
Two Single-Pole Switches (Grounding version)	15A–120/277V AC	5224-2	I, W, A, T
3-Way Switch/ Single-Pole Switch (Non-Grounding)	15A–120/277V AC	5241	I, W, A, T
Two 3-Way Switches (Non-Grounding)	15A–120/277V AC	5243	I, W, A, T
Single-Pole Switch/Pilot Light	Switch: 15A–120V AC Pilot Light: 1/25W–125V AC	5226	I, W, A, T
3-Way Switch/Pilot Light	Switch: 15A-120V AC Pilot light: 1/25W-125V AC	5246	I, W, A

#### 20 AMP

DESCRIPTION	RATING	CAT. NO.	COLOR* <small>Basic Cat. No. Denotes Brown</small>
Two Single-Pole Switches	20A–120/277V AC	5334	I, W
Single-Pole Switch/Receptacle	Switch: 20A–120V AC Receptacle: 20A–125V	5335	I, E
Single-Pole Switch/Pilot Light	Switch: 20A–120V AC Pilot Light: 1/25W–125V AC	5336	I

### Wallplates

THERMOSET	THERMOPLASTIC	302 STAINLESS STEEL
 88003	 80703-W	 84003-40

For complete wallplate selection, see Section E.

#### SPECIFICATIONS AND FEATURES

- AC quiet switches have silver-cadmium oxide contacts and receptacles have double-wipe contacts for maximum conductivity
- All devices have grounding screw, except where noted
- Side wired with terminal screws that accept up to #12 copper or copper-clad wire
- Fit standard wallboxes
- Break-off tabs on devices with AC quiet switches permit conversion to separate feeds

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #7458)
- CSA (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### \*COLOR

Basic Cat. Nos. shown above denote Brown color. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Black (-E).

#### HORSEPOWER

15A	20A
1/2 @ 120V	1 @ 120V
2 @ 240V	2 @ 240V

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



# 15 and 20 AMP 120V and 120/277V Commercial Grade AC Combination Devices



## Decora® Combination Devices






### 15 AMP

DESCRIPTION	RATING	CAT. NO.	COLOR*
Single-Pole Switch/Receptacle	Switch: 15A-120V AC Receptacle: 15A-125V	<b>5625</b>	I, W, A, T, GY
Single-Pole Switch/Pilot Light	Switch: 15A-120V AC Pilot: 1/25W-125V AC	<b>5626</b>	I, W, A
Two Single-Pole Switches	15A-120/277V AC	<b>5634</b>	I, W, A, T, GY
3-Way Switch/Single-Pole Switch	15A-120/277V AC	<b>5641</b>	I, W, A, T
Two 3-Way Switches	15A-120/277V AC	<b>5643</b>	I, W, A, T
3-Way Switch/Receptacle	Switch: 15A-120V AC Receptacle: 15A-125V	<b>5645</b>	I, W, A
3-Way Switch/Pilot Light	Switch: 15A-120V AC Pilot: 1/25W-125V AC	<b>5646</b>	I, W, A

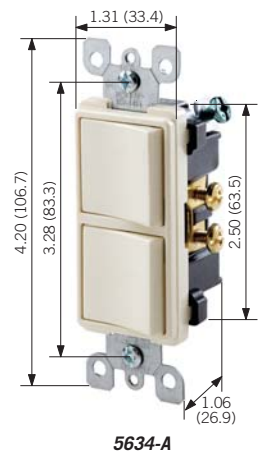
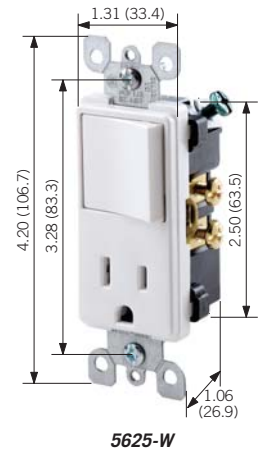
### 20 AMP

DESCRIPTION	RATING	CAT. NO.	COLOR*
Two Single-Pole Switches	20A-120/277V AC	<b>5627</b>	I, W, A, T
Single-Pole Switch/Receptacle	Switch: 20A-120V AC Receptacle: 20A-125V	<b>5636</b>	I, W, A
Single-Pole Switch/Pilot Light	Switch: 20A-120V AC Pilot: 1/25W-125V AC	<b>5637</b>	I, W, A
Two 3-Way Switches	20A-120/277V AC	<b>5640</b>	I, W, A, T

### Wallplates

THERMOSET	THERMOPLASTIC	POLYCARBONATE SCREWLESS SNAP-ON		302 STAINLESS STEEL
 80401-I	 80401-NW	 80301-ST	 80301-SW	 84401-40

For complete Decora wallplate selection, see pages B20-B24.



AC Combination Devices

#### SPECIFICATIONS AND FEATURES

- Elegant Decora styling provides multiple control in a single-gang wallbox
- All devices have grounding screw
- Fit standard wall boxes

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### \*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-GY).

#### HORSEPOWER

15A	20A
1/2 @ 120V	1 @ 120V
2 @ 240V	2 @ 240V

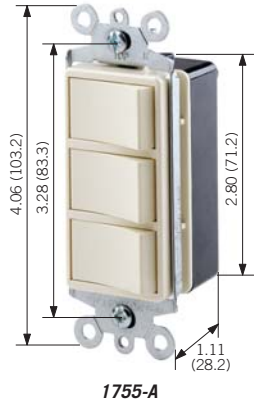
#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

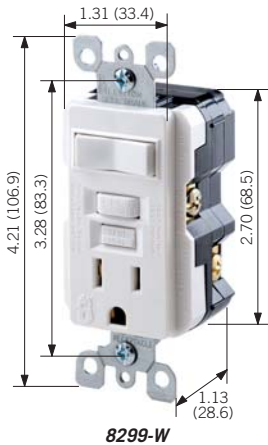


# 15 AMP 120V

## Commercial Grade AC Combination Devices



1755-A



8299-W

### Decora® Combination Switches

Individual Switches: 15 AMP 120V/Device Total: 20 AMP-120V †

DESCRIPTION	CAT. NO.	COLOR*
Dual Rocker Switches	1754	I, W, A, T
Dual Rocker Switches with Grounding Lead	1754-2	W
Illuminated Dual Rocker Switches light is ON when top rocker is OFF	1754-IL	I, W, A
Three Rocker Switches	1755	I, W, A, T
Three Rocker Switches with Grounding Lead	1755-2	I, W
Three Rocker Switches (Double Pole ON-OFF-ON Top Switch; Two Single-Pole Switches)	1759	I, W

†Warning: Although each individual rocker switch is rated up to 15A 120V, the total combined load for both duplex or all three triplex switches **must not exceed 20 AMPS.**

### Decora® Combination Switch/SmartLock® GFCI Outlet

Receptacle: 15 AMP 125V/Feed-through: 20 AMP 125V  
Switch Rating: 8.3 AMP, 1000 WATTS @ 120V AC

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Switch and SmartLock GFCI-Protected Outlet	8299	I, W

### Wallplates

THERMOSET	THERMOPLASTIC	POLYCARBONATE SCREWLESS SNAP-ON		BRASS
80401-I	80401-NW	80301-ST	80301-SW	81401

For complete Decora wallplate selection, see pages B20–B24.

#### SPECIFICATIONS AND FEATURES

- Multi-switch combination devices save space and add convenience
- Common shunted internally to all switches
- Elegant Decora styling permits ganging with other Decora devices
- Switch/SmartLock GFCI Receptacle replaces standard switch/outlet combination devices in commercial or residential installations
- Space-saving SmartLock GFCI protection in new or retrofit construction
- Switch/SmartLock GFCI Receptacle permits multiple wiring options that allow six different applications

#### SmartLock GFCI

- Meets or exceeds UL 2003 Code Requirements for increased surge immunity, corrosion resistance, resistance to false tripping and diagnostic indication for line-load wiring reversal
- Exclusive, patented lockout-action: RESET button is blocked if GFCI protection has been compromised, eliminating the risk of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not

#### TESTING AND CODE COMPLIANCE

##### Decora Switches

- UL Listed (File #7458)
- CSA (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

##### Switch/SmartLock GFCI Receptacle

- UL Listed (File #48380)
- Listed UL Standard 943, Class A
- CSA Certified (File #LR-57811)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### \*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T).

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

# Structured Media Components

Leviton Integrated Networks™

## INDEX

### Structured Media™ Components

Overview	J2
Enclosures	J3–J5
Media Versatile™ Panel	J6
Enclosure for Multiple Dwelling Units (MDUs)	J7
Cabling Panels	J8–J10
Mounting Brackets	J11, J12
Power and Surge Protective	J13, J14
Networking and Internet Sharing	J15
Video Distribution	J16–J18
Home Security Monitoring	J19–J21
Audio/Video Distribution	J22–J24

### Multi-Location Audio

Decora Digital Volume Control System	J25
Analog Controls	J26
Spec Grade Sound™ System	J27
Audio/Video Wallplates	J28
Spec Grade Sound™ Speakers	J29
Leviton Entertainment and Applications Platform	J30







## STRUCTURED MEDIA COMPONENTS

### STRUCTURED MEDIA™ COMPONENTS—LEVITON INTEGRATED NETWORKS™

The information and communication revolution will have as much impact on America's homes and businesses as did the electrical revolution of the 20th Century. To fully enable the modern home, Leviton has developed Leviton Integrated Networks as the upgrade path to the future. Leviton Integrated Network's Structured Media components and systems deliver the capacity, bandwidth and speed that today's and tomorrow's information and entertainment technologies will demand.

### Innovative Technology Blends Multiple Options Into One System

Leviton Integrated Networks takes the concept of structured cabling, as practiced in demanding commercial applications, and combines it with multimedia. This blending accommodates the convergence of telephone communications, computer and Internet services and much more. An innovative series of modules and media centers—configured for either essential platforms or more customized enhanced platforms—manage and distribute voice, data, audio and video in flexible configurations that best suit each homeowner's individual requirements. These requirements can range from something as simple as cable TV and telephone in several rooms, to a local area network (LAN) for a small office or home-based business.

The new **Leviton Entertainment and Applications Platform** is installed and configured as part of a wired home's Structured Media™ Center, making it the simplest, easiest way for homeowners to take advantage of the latest digital convergence technology. With the Leviton Entertainment and Applications Platform, homeowners can easily organize, access, control and enjoy digital music, video and photos—from any number of digital media sources—in any outfitted room in the house.



For more information on the Leviton Entertainment and Application Platform, see page J30.



47605-140 Panel Enclosure with Cover

### Series 140 Structured Media Enclosure

This 14" professional-grade whole-house media enclosure creates one distribution point in the home for all low voltage cables. It will accommodate two Pre-Configured Structured Cabling Panels. The sturdy design and functionality facilitate installation, reducing job-site labor costs, and making it ideal for essential home networking.

#### SPECIFICATIONS

<b>Dimensions:</b>	
Enclosure:	14.38"H x 14.38"W x 3.60"D
Cover:	16.10"H x 16.10"W
<b>Materials:</b> White, powder-coated 18 gauge steel	
<b>Standards Compliance:</b> ACA and cULus Listed. UL Listed for fire and burglary	

#### Series 140 Structured Media Enclosures and Covers

DESCRIPTION	CAT. NO.
Series140 Enclosure and Flush-Mount Cover, empty	47605-140
Series140 Enclosure only	47605-14E
Series 140 Flush Mount Cover	47605-14C
Series 140 Hinged Cover–Economy	47605-14D
Series 140 Hinged Cover–Premium	47605-14P

- SPECIFICATIONS AND FEATURES**
- Accommodates up to two full-width Pre-Configured Structured Cabling Panels—delivering audio/ video, voice and data to any room of the home or office.
  - Positive “stops” on housing sidewalls prevent the enclosure from falling through studs during installation.
  - One piece white steel unit holds full and half-width expansion modules.
  - Can be surface-mounted or recessed. Ideal for new installations or retrofits.
  - Mounting guides on the cover align screw-holes and reduce the chances of dropping during attachment.

- Powder-coated white cover features a 3/4" overlap to hide irregular drywall cuts.
- Combine two or more enclosures for larger installations or future expansion.
- Multiple knock-outs on top and bottom including two new 2" knockouts on top, facilitate cable entry and routing.
- Cut-out in base of enclosure for mounting single gang J-Box kit
- Six 3" square self-healing foam grommets accommodate cable bundles





# STRUCTURED MEDIA™ CENTERS



Series 280 Panel enclosure



Series 280 Panel enclosure with cover

## Series 280 and 420 Structured Media Enclosures

Command central for home media convergence, Leviton's SMC-280 and SMC-420 home technology enclosures put the home or small office on the cutting edge of the Information Age. By bringing every conceivable technology distribution point together in one place, they make running cable and managing media both simple and more cost-effective. Designed to incorporate a hospital-grade power quality module for maximum protection from line surges, the 28" and 42" high units accommodate all the latest in functions such as home networking, fax, internet (including high speed services such as DSL, cable modems and ISDN), multi-line telephones, security camera, coaxial cable and satellite video distribution, and speaker and volume controls, when equipped with the correct accessories.

The Series 280 enclosure can comfortably accommodate up to 8 different Distribution Modules, depending on selection and density, and the 420 enclosure, with its generous size and capacity for up to 12 modules, can simultaneously manage many diverse functions. Perfect for home office and home entertainment. Make sure you plan all modules before starting the project, and specify the correct size media center.

*Note: Module count will depend on the type used; some are larger than others.*

### SPECIFICATIONS

#### Dimensions:

SMC-280 Enclosure:	28"H x 14.38"W x 3.00"D
SMC-280 Cover:	29.25"H x 15.62"W
SMC-420 Enclosure:	42"H x 14.38"W x 3.60"D
SMC-420 Cover:	43.25"H x 15.62"W

#### Materials:

White, powder-coated 18 gauge steel

#### Standards Compliance:

ACA and CULUS Listed. UL Listed for fire and burglary

## Series 280 and 420 Structured Media Enclosures and Covers

DESCRIPTION	CAT. NO.
Series 280 Enclosure and Flush-Mount Cover, empty	<b>47605-28N</b>
Series 280 Enclosure, empty, no cover	<b>47605-28N</b>
Series 280 Flush-Mount Cover	<b>47605-F28</b>
Series 280 Hinged Cover—Economy	<b>47605-28D</b>
Series 280 Hinged Cover—Premium	<b>47605-28P</b>
Series 420 Enclosure and Flush-Mount Cover, empty	<b>47605-42W</b>
Series 420 Enclosure, empty, no cover	<b>47605-42N</b>
Series 420 Flush-Mount Cover	<b>47605-F42</b>
Series 420 Hinged Cover—Economy	<b>47605-42D</b>
Series 420 Hinged Cover—Premium	<b>47605-42P</b>
Lock and Key for Structured Media Centers	<b>5L000-LOK</b>

### SPECIFICATIONS AND FEATURES

- Multiple knock-outs (up to 2") on top, bottom, sides and back, including two new 2" knock-outs on top, facilitate cable entry and routing from every desired room.
- Six 3" square self-healing foam grommets accommodate cable bundles and protect them from being cut
- Sturdy, one-piece white steel construction.
- Combine two or more enclosures for larger installations or future expansions.
- Holds ¼, ½ and full-width expansion modules with the ability to mount most modules vertically or horizontally.
- Large capacity provides multiple functionality for "wired" homes.
- Powder-coated white cover features a ¾" overlap to hide irregular drywall cuts.

- Mounting hooks on the cover align screw-holes and reduce the chances of dropping during attachment.
- Holds a broad range of current and future distribution modules, delivering audio, video, voice, data, security, and more to any room of the home or office.
- Threaded inserts added to enclosure to ensure accurate threading of screws when mounting cover
- Can be surface-mounted or recessed. Ideal for new installations or retrofits.
- Knock-out in base of enclosure for mounting of either a single gang J-Box kit or an AC power module
- Designed to accommodate safe, high-quality hospital-grade power module with surge suppression.



## Extender Brackets for Leviton Series 280 and 420 Structured Media Centers

The Extender Brackets provide an additional 2" of depth and enhanced ventilation with Leviton's Series 280 and 420 Structured Media Centers (SMCs). The Extender Brackets, which are attached between the enclosure and the cover, form a frame assembled from four 2"-deep sheet metal rails with louvers on each side. The greater depth allows for better cable management and for larger modules, such as audio amplifiers, to be mounted within the Structured Media Centers.

### Series 280 and 420 Structured Media Enclosures

DESCRIPTION	CAT. NO.
Extender Bracket 2" depth extension package for Series 280 Structured Media Centers	47612-28B
Extender Bracket 2" depth extension package for Series 420 Structured Media Centers	47612-42B



#### SPECIFICATIONS AND FEATURES

- Made of sturdy white powder-coated 18-gauge sheet metal
- Louvers in the Extender Brackets enhance ventilation for added protection against heat build-up from installed modules
- Two-Year Product Warranty



### Media Versatile Panel—For Custom Retrofits and Remodeling

Ideal for custom retrofits and remodeling applications, the Media Versatile™ Panel with 3/8" plywood backing allows an open architecture for consolidating low voltage electronics and distribution components for phone, fax/modem, data, home networking, audio, video and home control. The 24" high cold-rolled steel panel with securable door will accommodate a wide variety of Structured Media Distribution Modules by simply removing the Push-Lock Pins and attaching directly to the plywood backing. The sturdy construction is built to industrial-grade standards, and the panel can be surface mounted or recessed in the wall. (Optional mounting brackets may be used for non-standard stud spacing). Ideal for custom retrofits and remodeling applications. Available in black powder coat finish. UL Listed.

#### SPECIFICATIONS

<b>Dimensions:</b>	24"H x 14"W x 6"D
<b>Materials:</b>	Powder-coated 18 gauge steel with 3/8" plywood backing
<b>Standards Compliance:</b>	UL Listed.

#### Media Versatile Panel

DESCRIPTION	CAT. NO.
Media Versatile Panel	47602-24E
Mounting Brackets—(set of 4)	47602-BKE

#### SPECIFICATIONS AND FEATURES

- Eight 1" or 1.5" conduit fittings on top and bottom facilitate cable entry and routing.
- Wall-mount or recess. Ideal for new installations or retrofits.
- Securable door provides maximum protection from dust and abuse.
- Plywood backing allows open architecture for customizing layout and can accommodate a wide variety of Structured Media Distribution Modules.



**Compact Structured Media Enclosure—For Multi-Dwelling Units (MDU's)**

Leviton's new Compact Structured Media Enclosure for Multi-Dwelling Units offers a compact, cost-effective distribution point for basic telephone and video to owners/managers of multi-unit buildings. The unit accommodates a variety of telephone/video distribution configurations by hosting up to three Telephone Expansion Boards and one Passive Video Splitter.

**SPECIFICATIONS**

<b>Dimensions:</b> (Enclosure)	8.03"(204.0) H x 14.40"(365.6) W x 3.71"(94.2) D
(Cover)	9.01"(228.9) H x 15.39"(390.8) L
<b>Materials:</b>	ABS molded plastic
<b>Standards Compliance:</b>	UL94 VO flame-retardant fire rating

**Compact Structured Media Enclosure for MDU's**

DESCRIPTION	CAT. NO.
Compact Structured Media Enclosure and Cover, empty	<b>47605-MDU</b>
MDU Kit (Compact Structured Media Enclosure & Cover plus 1x6 Telephone Expansion Board)	<b>47604-F6</b>
MDU Kit (Compact Structured Media Enclosure & Cover plus 1x6 Telephone Expansion Board and 6-Way Splitter)	<b>47604-F6S</b>

**SPECIFICATIONS AND FEATURES**

- Unique modular design has fewer parts and is made exclusively from ABS molded plastic to provide customers with cost savings in installation time
- Flexibility to accommodate a variety of telephone/video distribution configurations
- Snap-on cover requires no tools or fasteners
- Molded-in brackets provide quick snap-in convenience for Telephone Expansion Boards
- Angled video splitter shelf for easy installation
- Hosts up to three Telephone Expansion Boards and one Passive Video Splitter
- Available empty with cover or in two kitted versions with a 1x6 Telephone Expansion Board or with a 1x6 Telephone Expansion Board and a 6-Way Splitter





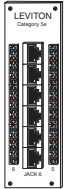

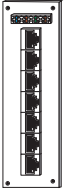
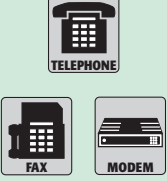

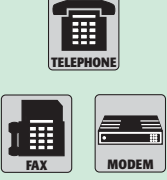


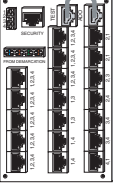
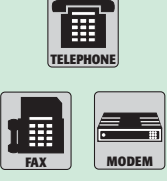
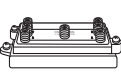

# STRUCTURED MEDIA™ PANELS/MODULES

## Pre-Configured Structured Cabling Panels

Route telephone, data and video services throughout your home or office with one simple panel. Leviton's Pre-configured Structured Cabling Panels combine some of our most popular voice, data and RF modules to create an economical one-stop home and office media distribution point. See the following pages for available configurations. Some modules are available in expansion styles to fill unused panel slots (see this page). Choose the pre-configured combination that best meets your needs, and enhance with expansion boards or stand-alone brackets.

### Panel Components and Expansion Boards

Pre-configured Panels are assembled at the factory and will contain one or more of the following distribution modules.

COMPONENTS	APPLICATION	FEATURES	AVAILABLE AS
 <p><b>1x9 Bridged Telephone Board</b></p> <p>Basic telephone distribution</p>		<ul style="list-style-type: none"> <li>Bridge up to 4 telephone lines to 9 locations</li> <li>Connect up to 9 separate telephones per line</li> <li>Printed circuit board module</li> <li>4-pair 110-type IDC punchdowns</li> </ul>	<ul style="list-style-type: none"> <li>Part of a Pre-configured Panel</li> <li>Stand-alone module with bracket</li> <li>Expansion board without bracket</li> </ul>
 <p><b>Category 5e Voice &amp; Data Board</b></p> <p>Basic home networking</p>		<ul style="list-style-type: none"> <li>Patch phone or data connections to 6 locations</li> <li>Combine with a TLDM, key system, or network hubs for additional applications</li> <li>Printed circuit board module</li> <li>4-pair 110-type IDC punchdowns and 6 CAT 5e RJ-45 ports</li> </ul>	<ul style="list-style-type: none"> <li>Part of a Pre-configured Panel</li> <li>Stand-alone module with bracket</li> <li>Expansion board without bracket</li> </ul>
 <p><b>Telephone Patching Board</b></p> <p>Expanded 4-line telephone distribution</p>		<ul style="list-style-type: none"> <li>Bridge up to 4 telephone lines to 7 locations</li> <li>Printed circuit board module</li> <li>One incoming 4-pair 110-type IDC punchdown and 7 outgoing RJ-45 jack connections</li> <li>Combine with a Category 5e Board to route telephone to remote locations</li> </ul>	<ul style="list-style-type: none"> <li>Part of a Pre-configured Panel</li> <li>Expansion board without bracket</li> </ul>
 <p><b>Telephone Security Board</b></p> <p>Route simple telephone with security interface</p>		<ul style="list-style-type: none"> <li>Bridge up to 4 telephone lines to 6 locations</li> <li>Connect up to 6 separate telephones per line</li> <li>Connect to security system</li> <li>Printed circuit board module</li> <li>4-pair 110-type IDC punchdowns</li> </ul>	<ul style="list-style-type: none"> <li>Stand-alone module with bracket</li> </ul>
 <p><b>DSL Filter Board</b></p> <p>Filters DSL signal from telephone line</p>		<ul style="list-style-type: none"> <li>Filters DSL signal from phone line before distribution throughout a home or office.</li> <li>Eliminates need for individual filters at each wallplate.</li> <li>Use with any phone distribution module.</li> <li>Printed circuit board module with RJ-45 jack and 110 punchdowns</li> </ul>	<ul style="list-style-type: none"> <li>Stand-alone module with bracket</li> <li>Expansion board without bracket</li> </ul>
 <p><b>Telephone Line Distribution Module (TLDM)</b></p> <p>Enhanced telephone distribution</p>		<ul style="list-style-type: none"> <li>19 multi-line telephone connections in combinations of 2 or 4 lines</li> <li>Bridge "Line 1" service to 12 locations and 4-line service to 8 locations</li> <li>Connect to CAT 5e Voice &amp; Data Board(s) or additional panels for more connections and easier adds/moves/changes</li> <li>Independent RJ-45 jack and punchdown security interface to accommodate alarm systems</li> </ul>	<ul style="list-style-type: none"> <li>Part of a Pre-configured Panel ONLY</li> </ul>
 <p><b>Video Splitters</b></p> <p>Basic video distribution</p>		<ul style="list-style-type: none"> <li>Cable TV or off-air antenna signals</li> <li>4-way or 6-way RF Splitter</li> <li>Die-cast housing</li> <li>Available in 1GHz and 2GHz models</li> </ul>	<ul style="list-style-type: none"> <li>Part of a Pre-configured Panel</li> <li>Stand-alone module with bracket</li> </ul>





## Pre-configured Structured Cabling Panels—Full Size

Leviton has a Pre-Configured Structured Cabling Panel to fit any application. See opposite for explanations of individual boards. Use the Panels as they are, expand with easy snap-in Expansion Boards, or combine with other Panels or Stand-alone Modules to create a Structured Media solution tailored to your specific needs. Ideal for all installations, from basic to high-end. The new non-conductive synthetic bracket features a rugged construction and a “shelf-style” design with enhanced cable management and easier installation. Boards quickly snap on and off for easy adds/moves/changes.

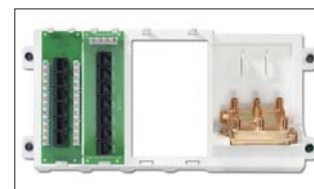
DESCRIPTION	CAT. NO.	CONSISTS OF
Basic Telephone and Video Panel (BTV)	<b>47606-BTV</b>	<ul style="list-style-type: none"> <li>• (1) 1x9 Bridged Telephone Board</li> <li>• (1) 6-way 2GHz Video Splitter</li> <li>• Bridge up to 4 telephone lines to 9 locations</li> <li>• Route video to 6 locations</li> </ul>
Basic Home Networking Plus Panel (BNP)	<b>47606-BNP</b>	<ul style="list-style-type: none"> <li>• (1) Telephone Patching Board</li> <li>• (1) Category 5e Voice &amp; Data Module</li> <li>• (1) 6-way 2GHz Video Splitter</li> <li>• 6 4-line telephone connections</li> <li>• Route video to 6 locations</li> <li>• Patch data or telephone service to 6 remote locations</li> <li>• Comes with 6 8-inch 8p8c Flat Patch Cords</li> </ul>
Advanced Home Telephone & Video Panel (AHT)	<b>47606-AHT</b>	<ul style="list-style-type: none"> <li>• (1) Telephone Line Distribution Module</li> <li>• (1) Category 5e Voice &amp; Data Board</li> <li>• (1) 6-way 2GHz Video Splitter</li> <li>• 19 multi-line telephone connections (in various combinations of 2 or 4 lines)</li> <li>• Route video to 6 locations</li> <li>• Patch data or telephone service to 6 remote locations</li> <li>• Comes with 6 8-inch 8p8c Flat Patch Cords</li> </ul>
Advanced Home Office Panel	<b>47606-ASO</b>	<ul style="list-style-type: none"> <li>• (1) Telephone Line Distribution Module</li> <li>• (2) Category 5e Voice &amp; Data Boards</li> <li>• (1) 6-Way 2GHz Video Splitter</li> <li>• (1) 19 multi-line telephone connections (in various combinations of 2 or 4 lines)</li> <li>• Route video to 6 locations</li> <li>• Patch data or telephone service to 6 remote locations</li> <li>• Comes with (6) 8-inch 8p8c Flat Patch Cords</li> </ul>
12-Port Structured Media Panel (12P)	<b>47603-12P</b>	<ul style="list-style-type: none"> <li>• (1) Telephone Line Distribution Module</li> <li>• (2) Category 5e Voice &amp; Data Boards</li> <li>• 19 multi-line telephone connections (in various combinations of 2 or 4 lines)</li> <li>• Patch data or telephone service to 12 remote locations</li> <li>• Comes with 12 8-inch 8p8c Flat Patch Cords</li> </ul>
18-Port Structured Media	<b>47603-18P</b>	<ul style="list-style-type: none"> <li>• (1) Telephone Line Panel (18P) Distribution Module</li> <li>• (3) Category 5e Voice &amp; Data Boards</li> <li>• 19 multi-line telephone connections (in various combinations of 2 or 4 lines)</li> <li>• Patch data or telephone service to 18 remote locations</li> <li>• Comes with 18 8-inch 8p8c Flat Patch Cords</li> </ul>
24-Port Structured Media Panel (24P)	<b>47603-24P</b>	<ul style="list-style-type: none"> <li>• (1) Telephone Line Distribution Module</li> <li>• (4) Category 5e Voice &amp; Data Boards</li> <li>• 19 multi-line telephone connections (in various combinations of 2 or 4 lines)</li> <li>• Patch data or telephone service to 24 remote locations</li> <li>• Comes with 24 8-inch 8p8c Flat Patch Cords</li> </ul>

Full-size panel dimensions: 6.25"H x 13.06"W x 2.50"D

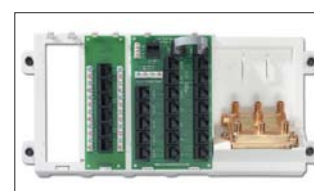
For detailed features and dimensions, please consult individual specification sheets at [www.levitonvoicedata.com](http://www.levitonvoicedata.com)



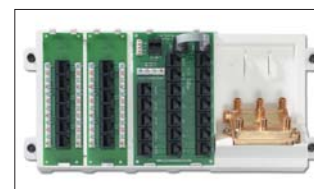
47606-BTV



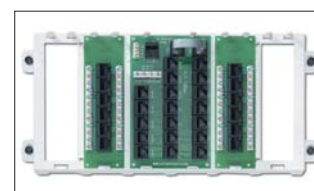
47606-BNP



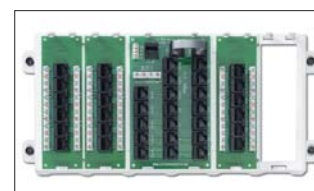
47606-AHT



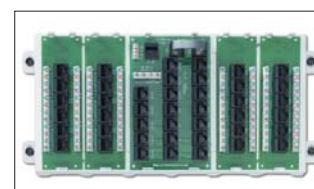
47606-ASO



47603-12P



47603-18P



47603-24P



# STRUCTURED MEDIA™ PANELS and BOARDS



47603-1G6



47603-1G4



47603-TSV

## Pre-Configured Structured Cabling Panels—Compact Series

Leviton's simple solution for basic telephone and video distribution. These compact panels, with their space-saving profile provide simple bridged telephone to 9 locations and 1GHz video to four or six locations, respectively. Compact Series Panels are ideal for MDUs and apartments, installations with space constraints and/or installations where budget is the driving concern.

DESCRIPTION	CAT. NO.	CONSISTS OF
Compact Series Telephone & 6-Way	47603-1G6	<ul style="list-style-type: none"> <li>• (1) 1x9 Bridged Telephone Board</li> <li>• (1) 6-way 1GHz Video Splitter</li> <li>• Bridge up to 4 telephone lines to 9 locations</li> <li>• Route video to 6 locations</li> </ul>
Compact Series Telephone & 4-Way Video	47603-1G4	<ul style="list-style-type: none"> <li>• (1) 1x9 Bridged Telephone Board</li> <li>• (1) 4-way 1GHz Video Splitter</li> <li>• Bridge up to 4 telephone lines to 9 locations</li> <li>• Route video to 4 locations</li> </ul>
Compact Series Telephone & 8-Way Video	47603-1G8	<ul style="list-style-type: none"> <li>• (1) 1x9 Bridged Telephone Board</li> <li>• (1) 8-way 1GHz Video Splitter</li> <li>• Bridge up to 4 telephone lines to 9 locations</li> <li>• Route video to 8 locations</li> </ul>
Compact Series Telephone Security & 6-Way Video	47603-TSV	<ul style="list-style-type: none"> <li>• (1) Telephone Security Board</li> <li>• (1) 6-way 1GHz Video Splitter</li> <li>• Bridge up to 4 telephone lines to 6 locations</li> <li>• RJ-45 Port for Security Interface</li> <li>• Route video to 6 locations</li> </ul>

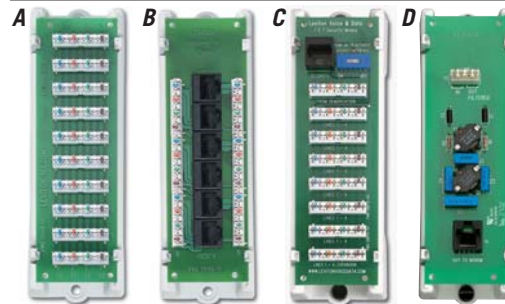
Compact panel dimensions: 6.5"H x 6.5"W

For detailed features and dimensions, please consult individual specification sheets at [www.levitonvoicedata.com](http://www.levitonvoicedata.com)

## Stand-Alone Modules and Expansion Boards

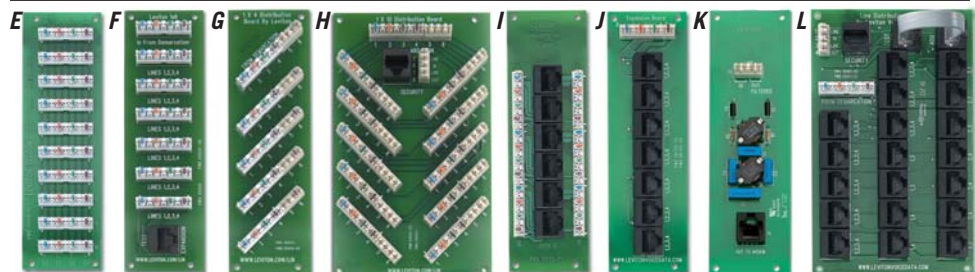
### Stand-Alone Modules

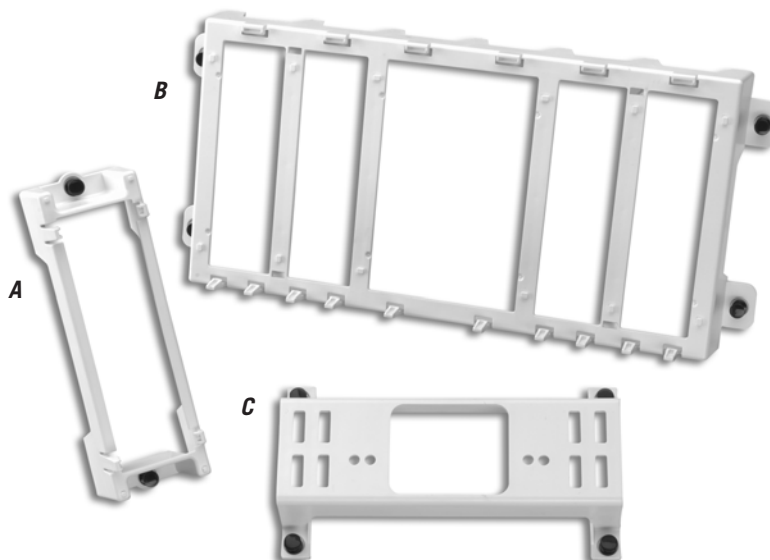
DESCRIPTION—MODULE with BRACKET	CAT. NO.
A—1x9 Bridged Telephone Module	47689-00B
B—Category 5e Voice and Data Module	47605-C5B
C—Telephone Security Module	47609-TSV
D—DSL Filter Module	47616-DSB



### Expansion Boards

DESCRIPTION	CAT. NO.
E—1x9 Bridged Telephone Board	47603-110
F—1 x 6 4-Line Bridged Telephone Expansion Board	47609-F6
G—1 x 4 6-Line Bridged telephone Expansion Board	47609-S4
H—1 x 10 6-Line Bridged Telephone Security Expansion Board	47609-S10
I—Category 5e Voice and Data Board	47603-C5
J—Telephone Patching Expansion Board	47609-EMP
K—DSL Filter Board	47616-DSF
L—Telephone Line Distribution Module and 19 Multi-Line Connections (in various combinations of 2 or 4 lines) Board	46703-TDM





## Plastic Mounting Brackets for Leviton Structured Media Centers

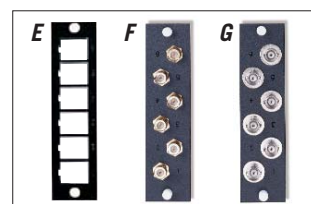
The Single Plastic Bracket accepts mounting of any single Leviton phone, data, security or DSL Filter Board within the Structured Media Center to enhance an existing system, for use as a stand-alone solution for voice (with or without security), data and DSL filtering services. The Expansion Plastic Bracket is a full-width bracket that can be populated with up to five Leviton phone, data, security or DSL Filter Expansion Boards to meet custom application needs. The Data Plastic Bracket can be used to mount switches, routers, and modems within Leviton's Structured Media Centers. This unit offers a universal design that accommodates installation of a variety of manufacturers' products.

DESCRIPTION	CAT. NO.
<b>A</b> —Single Plastic Bracket for mounting a single Leviton phone, data, security or DSL Filter Expansion Board in a Leviton Series 140, 280 or 420 Structured Media Center	<b>47612-SBK</b>
<b>B</b> —Expansion Plastic Bracket for mounting up to five Leviton phone, data, security or DSL Filter Expansion Boards in a Leviton Series 140, 280 or 420 Structured Media Center	<b>47612-EBK</b>
<b>C</b> —Data Plastic Bracket for mounting switches, routers, and modems within a Leviton Series 140, 280 or 420 Structured Media Center	<b>47612-DBK</b>

## Multimedia Adapter Bracket and Mounting Plates

Create a custom audio/video, copper or fiber mini-panel in your Structured Media Center with the Multi-Media Adapter Bracket. The bracket supports your choice of two 6-pack mounting plates, and snaps easily into any of Leviton's Structured Media Centers with push-pins. Pre-loaded mounting plates are available for BNC and F-connectors, or create a custom configuration with unloaded 6-pack QuickPort® plates. QuickPort plates accept any combination of the following QuickPort adapters or connectors: BNC, F-Connector, ST, FC, SC and MT-RJ Fiber Optics, Banana Jacks, Speaker Binding Posts, RCA, S-Video, Voice Grade, and Category 5, 5e or 6. Bracket mounts vertically or horizontally.

DESCRIPTION	CAT. NO.
<b>D</b> —Multimedia Bracket	<b>47612-MMA</b>
<b>E</b> —BNC Mounting plate, 6-pack, loaded	<b>5F100-BNC</b>
<b>F</b> —F-Connector Mounting plate, 6-pack, loaded	<b>5F100-6VF</b>
<b>G</b> —QuickPort Mounting plate, 6-pack, unloaded	<b>5F100-6QP</b>



## Accessories

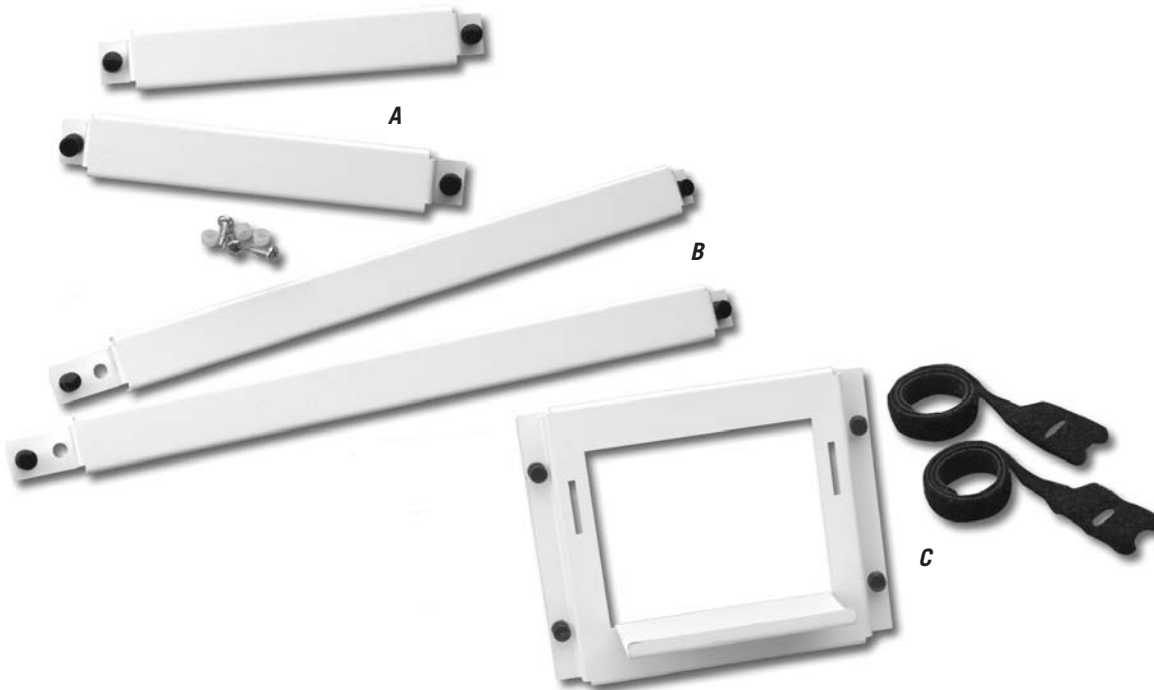
DESCRIPTION	CAT. NO.
8-Conductor Flat Telephone Patch Cord, 8" long ((1 each)	<b>42400-8FG</b>

### SPECIFICATIONS AND FEATURES

- All Plastic Brackets
- Made of sturdy white ABS plastic
- Come with push-lock pins
- Snap-in installation in any Leviton series 140, 280 or 420 Structured Media Center
- Allow for cable management via routing under bracket



## STRUCTURED MEDIA™ BRACKETS



### Universal Security & Shelf Brackets for Leviton Structured Media Centers

The Universal Security Brackets allow for consolidation and integration of security products into any of Leviton's Series 140, 280 or 420 Structured Media Center enclosures. The 6" and 12" Universal Security Brackets accommodate the widest variety of security alarm panels. These 1"-wide brackets are sold in pairs with self-tapping screws and insulating spacers for easy attachment to the panels. The Universal Shelf Bracket provides space for security batteries of various sizes as well as other products to be mounted within Leviton's Series 140, 280 or 420 Structured Media Centers. The bracket comes with four 8" long Velcro® strips to strap down products to the shelf, ensuring both vertical and horizontal stability.

#### Universal Security & Shelf Brackets for Leviton 140, 280 or 420 Structured Media Centers

DESCRIPTION	CAT. NO.
<b>A</b> —6" Universal Security Bracket. Comes a set of two 6"-long, 1"-wide brackets with self-tapping screws and spacers for mounting within Leviton's Series 140, 280 or 420 Structured Media Centers	<b>47612-6SB</b>
<b>B</b> —12" Universal Security Bracket. Comes a set of two 12"-long, 1"-wide brackets with self-tapping screws and spacers for mounting within Leviton's Series 140, 280 or 420 Structured Media Centers	<b>47612-1SB</b>
<b>C</b> —Universal Shelf Bracket. Comes with four 8"-long Velcro strips to strap down security batteries of various sizes as well as other products to be mounted within Leviton's Series 140, 280 or 420 Structured Media Centers	<b>47612-UBK</b>

#### SPECIFICATIONS AND FEATURES

##### All Brackets

- Made of white powder-coated 18 gauge sheet metal
- Come with push-lock pins

##### Universal Security Brackets

- Allow an unlimited number of upgrades (limited only by the enclosure's size) to be added to an existing security system terminated within any Leviton Structured Media Center

- Sold in pairs with self-tapping screws and spacers to easily connect the largest number of security alarm manufacturers' panels

##### Universal Shelf Bracket

- Allows security batteries and other products to be mounted inside any Leviton Structured Media Center
- Vertical and horizontal slots on bracket to accommodate Velcro strips, ensuring vertical and horizontal stability





### Surge-Protective and Standard AC Power Modules and J-Box Kits

Surge AC Power Module or J-Box kit models add clean, safe power to the Series 280 or 420 Structured Media Enclosures (Series 140 enclosure only accepts J-Box kits). Two non-surge protected AC Power Module or J-Box kit units offer an economical method of providing power to distribution modules and, except for built-in surge suppression, offer the same features as the respective surge-protected units. In extremely excessive surge conditions, an alarm will sound to warn the user that power is unprotected. Consists of one (J-Box kit) or two (AC Power Module) 15 Amp Hospital Grade duplex receptacles housed in a powder-coated steel enclosure. They feature EMI/RFI filtering and meet UL 1449 standards.

#### AC Power Modules for 280 and 420 Series Structured Media Enclosures

**SPECIFICATIONS**

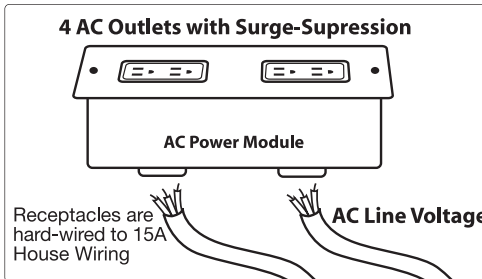
**Dimensions:** 10"H x 2.8"W x 2.3"D

**Standards Compliance (Surge model only):** UL 1449

**Input:** 2 @ 15A 120V AC

#### AC Power Modules for 280 and 420 Series Structured Media Enclosures

DESCRIPTION	CAT. NO.
Surge AC Power Module, Two Duplex Receptacle	47605-DP
Non-Surge AC Power Module, Two Duplex Receptacles	47605-NDP



#### J-Box Kits for 140, 280 and 420 Series Structured Media Enclosures

**SPECIFICATIONS**

**Dimensions:** 3"H.x 2"W.x 2.5"D.

**Standards Compliance (Surge model only):** UL 1449

**Input:** 1 @ 15A 120V AC

#### J-Box Kits for 140, 280 and 420 Series Structured Media Enclosures

DESCRIPTION	CAT. NO.
Surge J-Box Kit, One Duplex Receptacle	47605-ACS
Non-Surge J-Box Kit, One Duplex Receptacle	47605-ACN

### Universal Mini DC Power Supplies

These compact units are designed specifically to fit into Leviton's Series 140, 280 and 420 Structured Media enclosures. They are compatible with any incoming AC voltage in the range of 90 to 264V. The 47605-PSA's 9 12VDC connectors provide up to 40 watts of power and the 47605-PSB's 3 12VDC connectors provide up to 10 watts of power while providing short circuit overload and surge protection as well as EMI/RFI filtering to connected equipment.

DESCRIPTION	CAT. NO.
Universal DC Power Supply, 9 12VDC connectors	47605-PSA
Universal Mini DC Power Supply, 3 12VDC connectors	47605-PSB

**SPECIFICATIONS AND FEATURES**

- Hospital grade surge-protected units provide greater protection for line-voltage modules, including multi-stage defense (L-N, L-G, N-G)
- Non-surge suppressor units provide an economical method of providing power to active components
- Available with one (J-Box kits) or two (AC Power Modules) 15 Amp duplex receptacles
- Safety clips protect outlets against dust, dirt and debris
- One (J-Box kits) or two (AC Power Modules) cable knock-outs on bottom for power service connection
- Saves valuable real estate by mounting on outside of Structured Media Enclosures
- Meets UL 1449 standards



47605-ACN Non-Surge J-Box Kit



47605-PSB, 47605-PSA  
Universal Mini DC Power Supplies





## MEDIA CENTER POWER



### Snap-In Surge Protection Modules

#### SPECIFICATIONS AND FEATURES

- Interchangeable modules accommodate changing surge protection needs
- All modules easily snap in to the Cat. No. 3950 Surge Module Bracket
- User-friendly design—no wiring required
- Telephone/Fax/Modem Module acts as a splitter, allowing the connection of two devices

### Snap-In Modules for Structured Media Enclosure Surge Module Bracket

Leviton's snap-in surge protective modules provide customized surge protection for all low-voltage communication and data lines in the Structured Media Enclosure. All Series 5950 modules can snap-in to the Cat. No. 3950-BKT Surge Module Bracket. The bracket, allows you to add and change modules to fit specific protection needs. Choose from a selection of protection modules for Digital Satellite Systems, Ethernet systems, Cable TV, Telephone/Fax/Modem and DSL/ADSL equipment. All devices attached to the modules are covered under the Leviton \$50,000 Connected Equipment Warranty.

DESCRIPTION	CAT. NO.
Satellite System/Cable TV Protection Module—4 Standard F-connectors. 3-Amp fuse for over-current. Max. line voltage: 75V DC. Breakdown Voltage Range: 70.4-110 Volts/Sec	<b>Beige—5951-SA</b> <b>Gray—5951-SAT</b> <b>Ice—5951-SAC</b>
Ethernet Protection Module (10 Base-T Applications)—Two RJ45 connectors to protect two pair of transmit/receive lines. 10-Amp automatic Resettable PTC fuses. Max. operating voltage: 16.6V DC. Breakdown Voltage Range: 2.62-19.2 Volts/Sec	<b>Beige—5952-ET</b> <b>Gray—5952-ETH</b>
Cable TV System Protection Module—Two Standard F-type connectors. 3-Amp fuse for over-current. Max. line voltage: 75V DC. Breakdown Voltage Range: 70.4-110 Volts/Sec	<b>Beige—5953-PC</b> <b>Gray—5953-PCG</b> <b>Ice—5953-PCC</b>
Telephone/Fax/Modem Protection Module—Three RJ11, 4-wire/2-pair connectors. 3-Position splitter allows for connection to a common line. 3-Amp fuse for over-current protection. Max. operating voltage: 150V rms (including ring voltage). Breakdown Voltage Range: 162-331 Volts/Sec	<b>Beige—5954-AT4</b> <b>Gray—5954-PT4</b> <b>Ice—5954-CT4</b>
DSL/ADSL Subscriber Equipment Protection Module—Three RJ11, 4-wire/2pair connectors. 3-Amp fuse for over-current protection. Max. operating voltage: 150V rms (including ring voltage). Breakdown Voltage Range: 162-331 Volts/Sec	<b>Beige—5955-DT</b> <b>Gray—5955-DTG</b>



#### SPECIFICATIONS AND FEATURES

- Contains six removable double screw terminal jacks.
- Each jack utilizes slot-drive screws.
- Shipped with 6 wires containing 18 gauge connectors and 2.1 mm power plugs.
- Fully regulated (12 volt DC regulated output).

### DC Power Distribution Module

The DC Power Distribution Module is a unique solution to the need for high quality electrical power for the separate DC-powered components in the Structured Media Enclosure. This module reduces clutter and opens-up space in the Structured Media Enclosure by eliminating the need for multiple DC transformers. Powered by a single DC power supply, the Power Distribution module provides fully-regulated 12 VDC power for up to 6 devices.

#### SPECIFICATIONS

<b>Input:</b>	110V AC
<b>Output:</b>	Provides 13V DC power for up to 6 devices 1500mA
<b>Compliance (Surge model only):</b>	UL 1449
<b>Dimensions:</b>	6.58"H x 2.5"W x 1.5"D
<b>Wire Gauge:</b>	Up to 12 gauge

### DC Power Distribution Module

DESCRIPTION	CAT. NO.
DC Power Distribution Module	<b>48212-ODC</b>



## Structured Media™ Modules—Internet Connection Sharing and Multi-Location Networking

### 10/100 Internet Gateway Cable/DSL Broadband Router\*

Leviton's 10/100Mbps Internet Gateway (a.k.a router) allows multiple users to securely share a single, protected high-speed Internet connection.

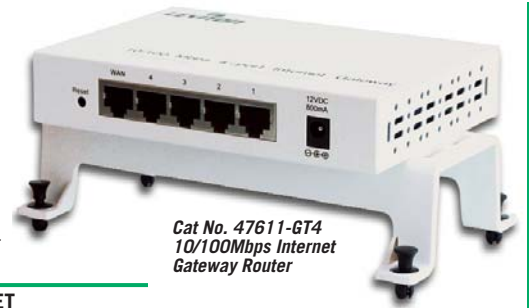
### 10/100 base-t switches\*

At 10/100Mbps speeds, these units are excellent choices for networking PC's to meet a wide range of residential needs such as sharing files, printers and other peripherals.

\*Networked PC's and peripherals require compatible networking cards or adapters and associated software.

### 10/100 Base-T Switches and 10/100 Base-T Internet Gateway Router

SPECIFICATIONS	10/100BASE-T 5-PORT (OR 8-PORT) SWITCHES	10/100 BASE-T INTERNET GATEWAY ROUTER
Data Transfer Rate	10/100 Mbps	
Connectors	5 (or 8) ports, 1 AC Power Adapter Jack	4 LAN ports, 1 WAN port, 1 Uplink port, 1 AC Power Adapter Jack
Cabling Requirements	Standard Cat 5/5e UTP	
LED Indicators	One Power Indicator, 5 (or 8) Link/Activity and 5 (or 8) 100Mbps	One Power Indicator, one Diagnostic Indicator, five Link/Activity, five FDX/Col and five 10/100Mbps
Power Supply	12VDC, 1000mA	
Dimensions	5.85" x 3.2" x 1.03"	5.54" x 3.92" x 1.05"
Standards Compliance	IEEE 802.3 10 Base-T Ethernet IEEE 802.3u 100 Base-TX Fast Ethernet, and FCC Class B	

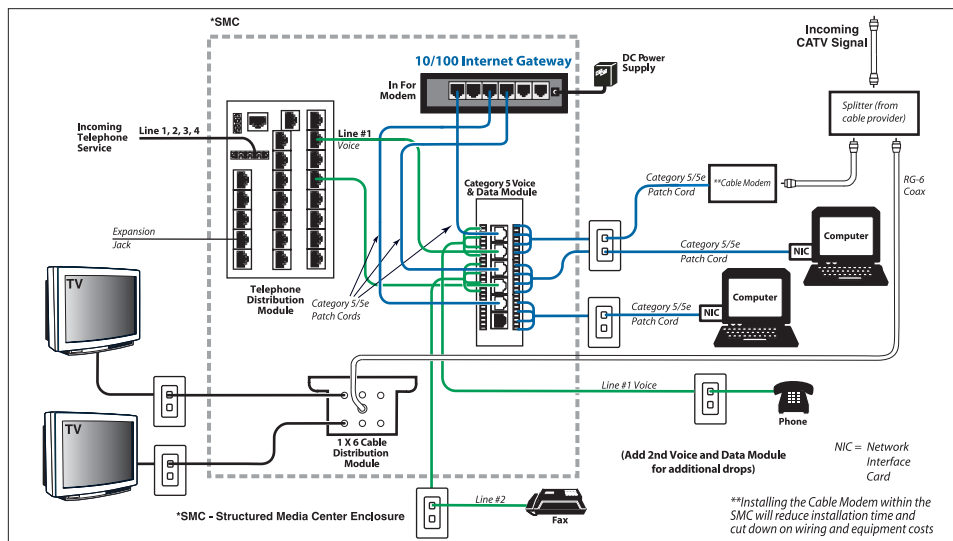


Cat No. 47611-GT4  
10/100Mbps Internet Gateway Router

### 10/100 Base-T Switches and 10/100 Base-T Internet Gateway Router

DESCRIPTION	CAT. NO.
10/100 Base-T 5-Port Ethernet Switch, with Power Adapter	47611-5PT
10/100 Base-T 8-Port Ethernet Switch, with Power Adapter	47611-8PT
10/100 Base-T Internet Gateway Router, with Power Adapter	47611-GT4

### Cable Distribution—Modem Outside the Structured Media Center



47611-5PT



47611-8PT

#### SPECIFICATIONS AND FEATURES

- Connects up to 4 devices directly (up to 253 computers via a series of cascaded devices) to the Internet using a single shared high-speed DSL, cable modem, or Satellite connection
- Allows fast Internet access at up to 100 Mbps
- Permits creation of a private high-speed home area network (HAN) or local area network (LAN) in small office/home office (SOHO) environments for all connected computers with its fast, integral 10/100Mbps auto-sensing Ethernet ports
- High performance suitable for demanding home office and telecommuting applications, including sharing of high-speed and high-capacity devices such as storage devices and back-up systems.
- Network Address Translation technology (NAT) creates a firewall that securely cloaks the private network from outside access
- Pass-through IPSEC and ISAKMP protocols allow attached LAN users to implement secure Virtual Private Network (VPN) communication applications on their PC's.
- Built-in DHCP server for easy setup and allocation of IP addresses on the LAN.
- Connections are made by running cable from desired locations to a Category 5e Voice and Data Module (either a stand-alone module page J10, or one of the units in the Pre-Configured Structured Cabling Panels page J9). From there, Category 5 or 5e patch cord can be used to connect the Gateway to the Category 5e Module.
- Network protocols: TCP/IP, DHCP, DNS, NAT, TFTP, HTTP, PPOE. Not PPOA
- Auto detect uplink: Use any port to cascade additional switches, hubs or routers



## Enhanced RF Video Distribution Modules

Cable service providers are converting to digital systems. These new systems will squeeze hundreds of channels plus Internet service onto the coax line. Leviton's high-performance video modules can support these new systems while limiting noise and other artifacts. Modules can distribute standard inputs such as CATV and antennas, and modulated inputs such as VCR's, DVD's and security camera/CCTV on coaxial cable throughout the house. Signals can be precisely controlled through the modules' built-in amplifier/attenuator (-5 to +15db) to compensate for variations in incoming signal strength for the clearest possible reception\*.

Incorporates state-of-the-art bi-directional signal paths to support cable modem or cable box communications throughout a home or office. The outlet ports are isolated and do not require any termination caps. Choose from one or three-input models; both come with 8 outputs. One and three-input models come in both 1 and 2 GHz versions. Dimensions: 3.55"H x 6.57"W x 3.29"D Connector: F-Type. Impedance: 75 Ohm. Power Input: 12 VDC, 500 mA (1x8 & 3x8); 12 VDC, 1000 mA (4x16).

\*Not for use in-line between 1 satellite dish (LNB) and DBS satellite TV receiver.

### 1x8 and 3x8 Enhanced RF Distribution Modules (1 GHz)

ITEM		GAIN (DB)			RETURN LOSS (DB)		ISOLATION (DB)		
		FORWARD	REVERSE	FOR.	REV. (ANY OUTPUT)	AUX-AUX	CABLE-AUX	OUT-OUT	
				54-1000 MHz	1.0-1.4 GHz	10-40 MHz			
<b>1x8 RF Module</b>		+15 +/-2*	+9 +/- 5	0 +/-2	11 Typ.	12 Typ.	N/A	N/A	25
<b>3x8 RF Module</b>	CATV	+15 +/-2*	+9 +/- 5	0 +/-2	11 Typ.	12 Typ.	18	30	25
	AUX 1	+12 +/-2*	+6 +/- 5	N/A	11 Typ.				
	AUX 2	+12 +/-2*	+6 +/- 5	N/A	11 Typ.				

\*Note: Tilt specification for all units is less than +/- 3 dB to 1 GHz

### 1x8 and 3x8 Enhanced RF Distribution Modules (2 GHz)

ITEM		GAIN (DB)			RETURN LOSS (DB)		ISOLATION (DB)		
		FORWARD	REVERSE	FOR.	REV. (ANY OUTPUT)	AUX-AUX	CABLE-AUX	OUT-OUT	
		1.0-2.0 GHz	10-40 MHz						
<b>1x8 RF Module</b>		+4 +/-6*	0 +/-2	11 Typ.	12 Typ.	N/A	N/A	25	
<b>3x8 RF Module</b>	CATV	+4 +/-6*	0 +/- 2	11 Typ.	12 Typ.	18	30	25	
	AUX 1	+1 +/-6*	N/A	11 Typ.					
	AUX 2	+1 +/-6*	N/A	11 Typ.					

\*Note: Tilt specification for all units is less than +/- 5 dB to 2 GHz

### DC Power Distribution Module

DESCRIPTION	CAT. NO.
1x8 Enhanced RF Module, 1 GHz	<b>47692-ESM</b>
1x8 Enhanced RF Module, 2 GHz	<b>47692-GSM</b>
3x8 Enhanced RF Module, 1 GHz	<b>47692-3BY</b>
3x8 Enhanced RF Module, 2 GHz	<b>47692-G3Y</b>
4x16 Enhanced RF Module, 2 GHz	<b>47692-G4Y</b>



### Enhanced Bi-Directional RF Amplifier

This unit offers extremely low noise for 1 CATV/Antenna input and 1 coaxial output to boost CATV (or other RF service) signal strength. It incorporates a variable attenuator (0 to +20dB for precise amplification for the clearest signal possible). Cable TV or other RF signals can be run through this Enhanced Bi-Directional RF Amplifier before splitting and distributing them throughout a home or office. Dimensions: 3.55"H x 6.57"W x 3.29"D Connector Type: F. Impedance: 75 Ohm. Power Input: 12 VDC, 200 mA.

#### Enhanced Bi-Directional RF Amplifier–1 GHz

ITEM	GAIN (DB)		RETURN LOSS (DB)		ISOLATION (DB)		
	FORWARD	REVERSE	FOR.	REV. (ANY OUTPUT)	AUX-AUX	CABLE-AUX	OUT-OUT
	54-1000 MHz	10-40 MHz					
Enhanced RF Amp.	+9 +/-2*	0 +/-2	11 Typ.	12 Typ.	N/A	N/A	25

\*Note: Tilt specification for all units is less than +/- 3 dB to 1 GHz

#### Enhanced Bi-Directional RF Amplifier–2 GHz

ITEM	GAIN (DB)		RETURN LOSS (DB)		ISOLATION (DB)		
	FORWARD	REVERSE	FOR.	REV. (ANY OUTPUT)	AUX-AUX	CABLE-AUX	OUT-OUT
	1.0-2.0 GHz	10-40 MHz					
Enhanced RF Amp.	+9 +/-2*	0 +/-2	11 Typ.	12 Typ.	N/A	N/A	25

\*Note: Tilt specification for all units is less than +/- 5 dB to 2 GHz

### Enhanced Bi-Directional RF Amplifier

DESCRIPTION	CAT. NO.
Enhanced Bi-Directional Amplifier, 1 GHz	47692-BVA
Enhanced Bi-Directional Amplifier, 2 GHz	47692-GVA

### Video Amplifier

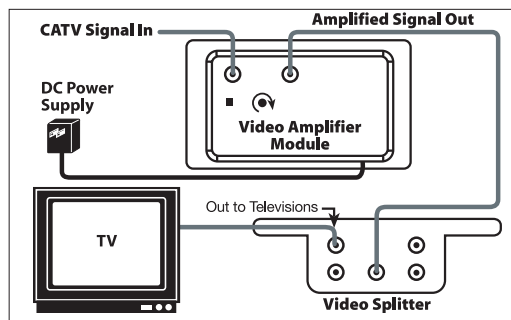
Run cable TV and other video service signals, such as antenna or other modulated input through this Video Amplifier Module and boost video signal strength up to 25 dB. Features a variable attenuator for signal amplification level setting, and an FM trap to eliminate unwanted FM interference.

#### SPECIFICATIONS

Dimensions:	6.58"H x 3.67"W x 4.4"D
Frequency Range MHz:	50-1000
Gain Control Range dB:	10-25dB
FM Trap dB:	25
Impedance:	75 Ohm
Connector Type:	F-type
Power Source:	12 VDC 500 mA

### Video Amplifier

DESCRIPTION	CAT. NO.
Video Amplifier Module	48210-VA



47692-BVA

#### SPECIFICATIONS AND FEATURES

- Variable attenuator enables precise amplification for the clearest signal possible.
- Run cable TV or other video signals through the Video Amplifier before splitting and distributing throughout the home or office.
- Boost signal strength by up to 20 dB.



48210-VA

#### SPECIFICATIONS AND FEATURES

- Run cable TV or other video signals through the Video Amplifier before splitting and distributing throughout the home or office.
- Boost signal strength by up to 25 dB.



## VIDEO DISTRIBUTION



1 GHz Modules



1 GHz Video Splitters

### SPECIFICATIONS AND FEATURES

- Splits video signals. Outputs for up to 4, 6 or 8 televisions.
- Provide digital cable, cable TV and other video services, via coaxial cable, to any room in the house.
- Die-cast housing and printed circuit board.
- Use with the Video Amplifier for increased signal strength.
- Units for SMC 140, 280, 420 come with mounting bracket.
- Gold-flashed contacts on 2.05 GHz units provide lowest conductive resistance.



47691-3MS



47691-5MS

### SPECIFICATIONS AND FEATURES

- Distributes digital satellite signals to up to 4 TVs (47691-3MS) or 8 TVs (47691-5MS).
- Combines signals from digital satellite with off-air antenna onto single coax cable.
- DSS 75 Ohm and 2.0 GHz Combiner/Diplexer with DC Blocking, Cat. No. 40856-DSS, is available to separate antenna and cable signals.

## Passive Components

Use 4-, 6- and 8-way Passive Video Splitters to split digital cable, quality cable TV and off-air antenna signals to 4, 6, or 8 televisions throughout the home or office. They feature die-cast housing and printed circuit board construction. Use with the Video Amplifier for increased signal strength.

### 1x4, 1x6, 1x8 Passive Video Splitters

ITEM	CAT NO.	DIMENSION	RANGE
1x4	47690-4C	2.14"H x 6.58"W x 1.40"D	1 GHz
	47690-004	1.65"H x 3.34"W x 1.14"D	1 GHz
	47690-4C2	2.14"H x 6.58"W x 1.40"D	2 GHz
1x6	47690-6C	3.00"H x 6.58"W x 1.40"D	1 GHz
	47690-006	2.64"H x 3.34"W x 1.14"D	1 GHz
	47690-6C2	3.00"H x 6.58"W x 1.40"D	2 GHz
1x8	47690-8C	3.00"H x 6.58"W x 1.40"D	1 GHz
	47690-008	2.64"H x 3.34"W x 1.14"D	1 GHz
	47690-8C2	3.00"H x 6.58"W x 1.40"D	2 GHz

### 1x4, 1x6, 1x8 Passive Video Splitters

1x4 Passive Video Splitter Module for SMC 140, 280, 420 (1 GHz)	47690-4C
1x4 Passive Video Splitter For Compact Structured Media Enclosure	47690-004
1x6 Passive Video Splitter Module for SMC 140, 280, 420 (1 GHz)	47690-6C
1x6 Passive Video Splitter For Compact Structured Media Enclosure	47690-006
1x8 Passive Video Splitter Module for SMC 140, 280, 420 (1 GHz)	47690-8C
1x8 Passive Video Splitter For Compact Structured Media Enclosure	47690-008
1x4 Passive Video Splitter Module (2 GHz)	47690-4C2
1x6 Passive Video Splitter Module (2 GHz)	47690-6C2
1x8 Passive Video Splitter Module (2 GHz)	47690-8C2

## Satellite Distribution Components

**3x4 Multi-Switch**—Passive module combines signals from dual incoming LNB digital satellite systems with off-air antenna signals on a single coaxial cable, enabling distribution to up to 4 TV's. Module incorporates a separate input for TV antenna signals (best used in combination with a video amplifier).

**5x8 Multi-Switch**—Active module combines signals from two dual incoming LNB digital satellite systems with an off-air antenna or cable signals on a single coaxial cable, enabling distribution to up to 8 TV's. Works with HDTV or standard receivers and with integrated multi-switches at the satellite dish; also works with DirecTV® systems. Equipped with built-in low noise amplifier and 24VDC power supply.

SPECIFICATIONS	CAT. NO. 47691-3MS
<b>3x4 Multi-Switch</b>	
<b>Dimensions:</b>	4.77"H x 6.58"W x 2.37"D
<b>Frequency:</b>	Terrestrial: 40-860 MHz Satellite: 950-2150 MHz Receiver Output: 40-2150 MHz
<b>Connectors:</b>	F-type, 75 Ohms
<b>LNB Input Selection:</b>	LNBA: 13/14VDC LNBB: 17/18VDC
<b>Insertion Loss (typical):</b>	Terrestrial: -7dB Satellite: -3dB
<b>Return Loss (typical):</b>	Terrestrial: -10dB Satellite: -10dB
<b>Isolation (typical):</b>	Output to Opposite Input -22dB
<b>DC Power Passing:</b>	500ma (max.)

SPECIFICATIONS	CAT. NO. 47691-5MS
<b>5x8 Multi-Switch</b>	
<b>Dimensions:</b>	7.14"H x 13.25"W x 2.33"D
<b>Frequency:</b>	Terrestrial: 54-806 MHz Satellite: 950-2150 MHz Receiver Output: 54-2150 MHz
<b>Connectors:</b>	F-type, 75 Ohms
<b>LNB Input Selection:</b>	13/18VDC or 22kHz tone
<b>Insertion Loss (typical):</b>	Terrestrial: -2dB Satellite: -5dB
<b>Rejection:</b>	Satellite-Terrestrial: 30dB Terrestrial-Satellite: 20dB Receiver-Receiver: 30dB
<b>Switching Isolation:</b>	Terrestrial: N/A Satellite: 30dB
<b>Noise Figure:</b>	Terrestrial: 5dB Satellite: 4.8dB
<b>Max. Current to LNBS:</b>	500mA
<b>DC Power:</b>	24VDC, 600mA

DESCRIPTION	CAT. NO.
3x4 Multi-Switch	47691-3MS
5x8 Multi-Switch	47691-5MS





## Decora® Camera

A high-tech addition to the attractive Decora family, the Decora Camera provides high-quality color video output that will run through the Structured Media Enclosure and connect to a monitor anywhere in the home or office—instantly turning a home media center into a home security center.

Combine multiple cameras with a Leviton Video Sequencer to create one signal that steps through the different views. Then add a Leviton Modulator and Notch Filter to route its signal not only to a dedicated monitor, but also over a whole-house pre-assigned “security channel” between 75-80 (when used with a notch filter).

The Decora Camera produces clear and reliable CMOS-based video with a wide angle lens that eliminates the need for constant re-adjustment. It features a self-contained video differential amp for increased clarity of signal. A manual horizontal pan feature allows you to easily aim the camera. Power is indicated with a green LED indicator on the front of the faceplate. The Decora Camera does not have audio capability.

The Decora Camera has a terminal block output. An RCA/F adapter is provided for use with coaxial cable (shipped with one RCA female, 2-wire adapter and two male RCA to female F-connector adapters). Powered over separate cable. Connect power at your Structured Media Enclosure with a Leviton DC Power Distribution Module. Video signal is carried on coaxial cable. Power is supplied via a Cat 5 cable.

Shipped with one RCA female 2-wire adapter and two RCA male to female F-connector adapters. This stylish camera is complemented by a Decora wallplate (available separately).

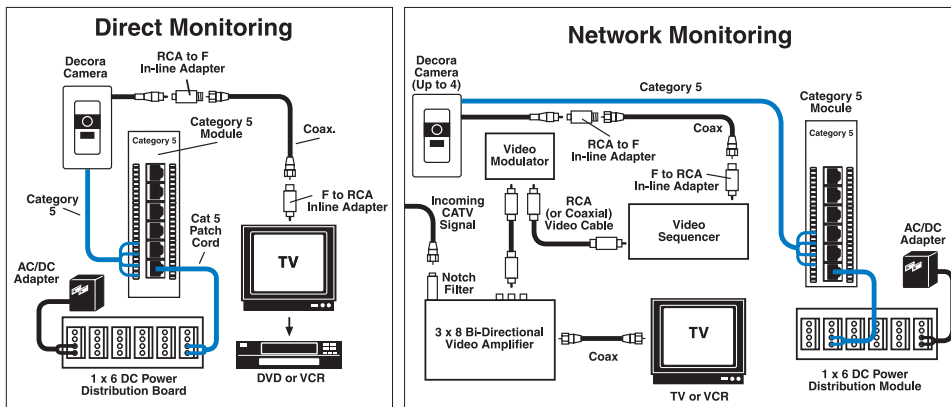


### SPECIFICATIONS

<b>Dimensions:</b>	4.1"H x 1.4"W x 2.2"D
<b>Connection:</b>	4-position, removable screw terminal.
<b>Camera:</b>	CMOS imager: 1/3" 310 TV lines, NTSC with S/N ratio 38 dB min. Minimum illumination 5 lux
<b>Transmission Total Harmonic Distortion:</b>	-75 dBc
<b>Power:</b>	12-VDC @35mA typical 50mA max; green Power On LED

### Decora Camera

DESCRIPTION	CAT. NO.
Decora Camera	48213-WDC



### SPECIFICATIONS AND FEATURES

- Self-contained video differential amp provide increased clarity of signal.
- CMOS-based wide angle color video camera in one compact Decora-style unit.
- Features terminal block output connections.
- Power is indicated by a green LED on faceplate.



48213-VMA

### SPECIFICATIONS AND FEATURES

- RCA video and audio inputs.
- F-Connector output .
- DC power supply.

## Media Center Modulator

The Media Center Modulator takes the signal from a video device such as a security camera (or multiple cameras using the Video Sequencer) and modulates the signal to one unused cable TV channel, which can then be combined with the CATV signal to multiple locations anywhere in the home, effectively providing a whole-house security channel.

Select the broadcast channel to be programmed via dip-switch button programming. The modulator provides 0, 10, 20 or 30 dBmV RF output.

*Note: Modulator broadcasts mono audio only. In a Structured Media System, when used with Structured Media Video Distribution modules, the Modulator must be used with a Leviton Notch Filter (PN 47690-NFA) to clear the target cable channel and avoid interference.*

### SPECIFICATIONS

<b>Dimensions:</b>	3.2"H x 2.25"W x 1"D
<b>Inputs:</b>	RCA video, RCA audio inputs
<b>Outputs:</b>	1 F-connector for RF signal
<b>Operational channels:</b>	14-69 UHF; 70-94, 100-125 CATV
<b>Bandwidth:</b>	50MHZ-860MHZ
<b>Power:</b>	12V DC 400mA

## Media Center Modulator

DESCRIPTION	CAT. NO.
Media Center Modulator	48213-VMA



48213-CVS

### SPECIFICATIONS AND FEATURES

- Inputs for up to four video cameras and audio sources.
- Automatic switching between cameras.
- 1-30 second variable time setting between cameras.
- RCA composite audio/video inputs and outputs.

## Video Sequencer

The Structured Media Video Sequencer, which automatically switches between video cameras, is a security product engineered for long-term home use. With the Video Sequencer, up to four Decora Cameras\* may be monitored sequentially. The Sequencer allows a variable time-interval setting from 1-30 seconds on each camera to allow thorough surveillance of any perimeter or interior. The Video Sequencer has four composite RCA audio/video inputs and two sets of RCA outputs to connect with a monitor or modulator. It snaps into a 280 or 420 Structured Media Center.

### SPECIFICATIONS

<b>Dimensions:</b>	7.4"H x 4.75"W x 2"D
<b>Power:</b>	12 VDC @ 300mA
<b>Inputs:</b>	Four RCA video; Eight RCA left/right audio
<b>Outputs:</b>	2 RCA video and 4 RCA left/right audio
<b>Time interval:</b>	1-30 seconds, variable/adjustable
<b>Signal to Noise Ratio:</b>	<1.2dB
<b>Bandwidth:</b>	5MHz

## Video Sequencer

DESCRIPTION	CAT. NO.
Video Sequencer	48213-CVS

\*Not for use with Indoor/Outdoor B&W Camera with built-in modulator (Cat. No. 48213-BMC).



### Indoor/Outdoor B&W Camera with Built-in Modulator

The Indoor/Outdoor B&W Camera allows monitoring of front doors, back yards, and anywhere an extra eye is desirable. It is designed to withstand temperature and environmental extremes when mounted in a suitable location.\* The camera uses a single wire for power and video making installation easy. Output is controlled by a dip-switch inside the camera housing. Permits 360° horizontal adjustment and 180° vertical adjustment.

\*Recommended mounting is in a sheltered location such as under an eave or overhang and away from direct exposure to rain and snow.

Not for use with video sequencer

#### SPECIFICATIONS

<b>Dimensions:</b>	Base 5.5" x 4.5"
<b>Power:</b>	12 VDC, 300mA
<b>Output Connection:</b>	F-Connector, 75 Ohm
<b>Camera Lens:</b>	3.6 mm
<b>Resolution:</b>	350+ lines
<b>Minimum Illumination:</b>	0.7 lux
<b>Output Level:</b>	27 dBmV
<b>Output Frequency:</b>	UHF 14-69, CATV 70-94, 100-125
<b>Cable Type:</b>	RG 59, RG6 or better



48213-BMC

### Indoor/Outdoor B&W Camera with Built-in Modulator

DESCRIPTION	CAT. NO.
Indoor/Outdoor B&W Camera with Built-in Modulator	48213-BMC

### RF Notch Filter

The RF Notch Filter is an essential element of Home Security Monitoring and Multi-Room Video. It blocks incoming cable TV channels 75–80, allowing the Media Center Modulator or Component Modulator to broadcast an in-house “security” or “entertainment” channel over the coaxial cable system without interference. The Notch Filter simply couples to the coaxial cable TV input on either a splitter or an active video distribution device. Once installed, it filters out six cable channels to make room for any home security or entertainment video application. It also blocks outgoing signals, such as cameras, from being broadcast outside the home.

#### SPECIFICATIONS

<b>Dimensions/Weight:</b>	3"L x .9"W – 2lbs
<b>Type:</b>	Passive RF filter
<b>Bandwidth:</b>	CATV channels 75-80
<b>Input:</b>	Female F-connector
<b>Output:</b>	Male F-connector

### RF Notch Filter

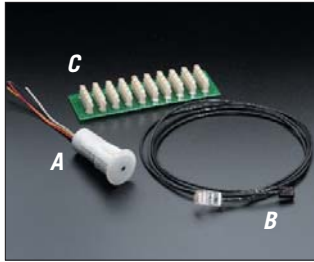
DESCRIPTION	CAT. NO.
RF Notch Filter	47690-NFA



47690-NFA



## MULTI-ROOM AUDIO/VIDEO



### Multi-Room Infrared (IR) Repeater System

The IR Repeater System consists of three pieces: an IR Target, IR Emitter and a distribution block for distributing control signals to multiple emitters. The IR Target takes the signal from a remote control for an audio/video component, such as a DVD player or home theater receiver, and converts it to a low-voltage electrical signal for use over long distances and in different rooms. The electrical signal is converted back at the component to be controlled by the IR emitter. With such a set-up, a user can control a DVD player down in the family room from an upstairs bedroom, for example. The IR Repeater System is highly useful with multi-room audio/video distribution using the Component Modulator or Decora Media™ System.

The IR Target easily installs in a ceiling or wall, and connects with Category 5 cable to the IR Emitter. A separate IR Emitter is used for each controlled A/V component, through the distribution block in the Structured Media Enclosure. Distribution block (Cat. No. 47689-B) available separately.

#### SPECIFICATIONS

<b>Dimensions:</b>	2"L x 1"W
<b>Power:</b>	12V DC @200mA
<b>Target Output:</b>	4 signal leads
<b>Target Input:</b>	2 power leads (DC + and -)
<b>Emitter Output:</b>	Infrared to control source component
<b>Emitter Input:</b>	2 signal leads
<b>Power Supply:</b>	12V DC @5mA

#### IR Repeater System

DESCRIPTION	CAT. NO.
<b>A</b> -Target	<b>47621-CMS</b>
<b>B</b> -Emitter	<b>47621-MIE</b>
<b>C</b> -1x9 Bridged Telephone Module, w/o bracket. Indiv. boxed unit pack, rack pack carton.	<b>47603-110</b>

#### SPECIFICATIONS AND FEATURES

- Low-profile, flush-mount Target design.
- Two signal connections and two power connections.
- Emitter features adhesive surface for easy installation on audio/video components.
- Distribution block for multiple Emitter configurations.
- DC power supply.



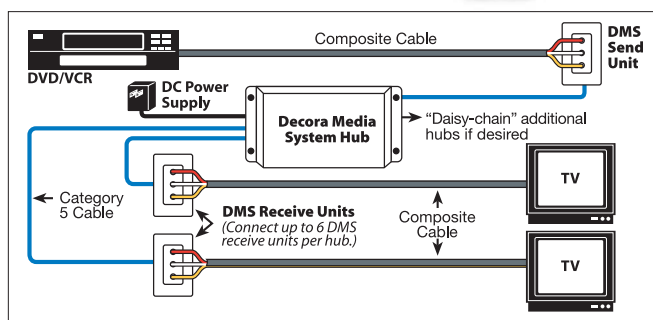
## Decora Media™ System

Distribute audio and video signals anywhere in the home using Category 5 cable and Leviton's Decora Media System (DMS). Send VCR, DVD library, CD, MP3 and Internet radio signals through up to 1,000 feet (300 meters) of cable with no discernible audio or video distortion and better performance than the more expensive, specialized "designer" cables.

DMS is comprised of: a Send Unit for transmitting audio/video signals, a Receive Unit for receiving signals and a Media Hub for whole house distribution.

The DMS utilizes advanced active electronics to operate with several different topologies: a star wiring scheme, with peripheral components sending and receiving critical information via Send and Receive units and the centralized data-communications hub; a Hub-to-Receive model, where information is sent to the hub—and from the hub to remote Receive units; and a Point-to-Point model, where Send and Receive units are linked directly together.

Send and receive units run on 12VDC, hub runs on 15VDC and can be powered independently or through the Media Hub.



SPECIFICATIONS	SEND UNIT	RECEIVE UNIT	MEDIA HUB
<b>Dimensions:</b>	4.1"H x 1.4"W x 2.0"D	4.1"H x 1.4"W x 2.0"D	6.5"H x 3.4"W x 1.75"D
<b>Video Bandwidth:</b>	50 M Hz @ -3 dB	50 M Hz @ -3 dB	50 M Hz @ -3 dB
<b>Video THD:</b>	75 dBc	-75 dBc	-75 dBc
<b>Video Input:</b>	—	0.5V to 2V composite	0.5V to 2V composite
<b>Video Output:</b>	0.5V to 2V composite	—	—
<b>Slew Rate:</b>	800V/us	800V/us	800V/us
<b>Audio Input Impedance:</b>	—	20k Ohms, max 3Vp-p	20k Ohms, max 3Vp-p
<b>Audio Output Impedance:</b>	51 Ohms, max 2Vp-p	—	—
<b>Audio Freq. Response:</b>	5 Hz-100k Hz, ±3 dB	5 Hz-100k Hz, ±3 dB	5 Hz-100k Hz, ±3 dB
<b>Audio THD:</b>	0.002% 20 Hz-20k Hz	0.004% 20 Hz-20k Hz	0.002% 20 Hz-20k Hz
<b>Audio S/N Ratio:</b>	100 dB typical, 80 dB min 20 Hz-20k Hz	100 dB typical, 80 dB min 20 Hz-20k Hz	100 dB typical, 80 dB min 20 Hz-20k Hz
<b>Input Noise:</b>	4.5nV/( Hz), 1/2 typical @ 1k Hz	6nV/( Hz), 1/2 typical @ 1k Hz	4.5nV/( Hz), 1/2 typical @ 1k Hz
<b>Input and Outputs:</b>	3 RCA input jacks 1 set RJ-45 in/out jacks 1 110 punchdown out 1 DC power input	3 RCA output jacks 1 set RJ-45 in/out jacks 1 110 punchdown out 1 DC power input	3 RCA input jacks 1 RJ-45 input jack 6 RJ-45 output jacks 1 DC power input
<b>Power:</b>	12VDC	12VDC	15VDC

## Decora Media System

DESCRIPTION	CAT. NO.
Decora Media System Media Hub with Power Supply	<b>48210-MCH</b>
Decora Media System Send and Receive Unit Pair with Power Supply	<b>48210-SRU</b>
Decora Media System Send Unit with Power Supply	<b>48210-MSU</b>
Decora Media System Receive Unit	<b>48210-MRU</b>

### SPECIFICATIONS AND FEATURES

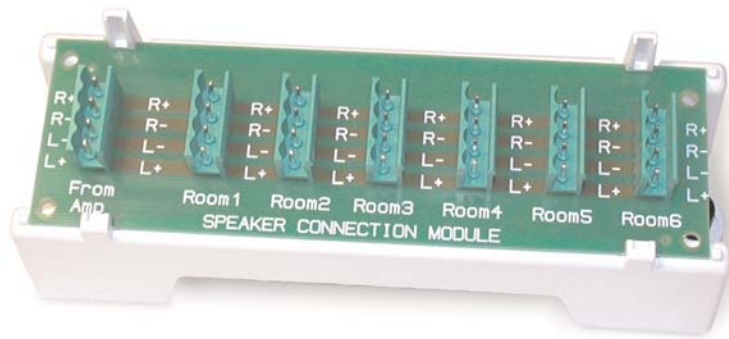
- Panel can be attached vertically or horizontally in Structured Media Enclosures.
- Cascade hub units to distribute audio/video signals to over 20 locations.
- Send and Receive units are equipped with RJ-45 jacks and 110 punchdown blocks for maximum flexibility in installation.
- Composite RCA inputs for connectivity directly from A/V source.
- Send and Receive units fit standard wallboxes and Decora wallplates.
- Advanced circuitry with automatic equalization streams analog audio and video signals over long distances with less distortion.
- Stereo audio input/output handles Dolby® ProLogic™ surround signals.
- Send VCR, DVD, cable TV, satellite and security camera signals through Category 5 cable.
- RJ-45 input for Send unit.







## MULTI-ROOM AUDIO/VIDEO DISTRIBUTION



### 1x6 Passive Audio Module

Easy, centralized audio system distribution module connects up to six pairs of speakers from an entertainment center or amplifier. Just run speaker wire to this passive bridging module and fill multiple rooms with high-quality music or sound. Supports up to six pairs of speakers; ideal for multi-room sound systems.

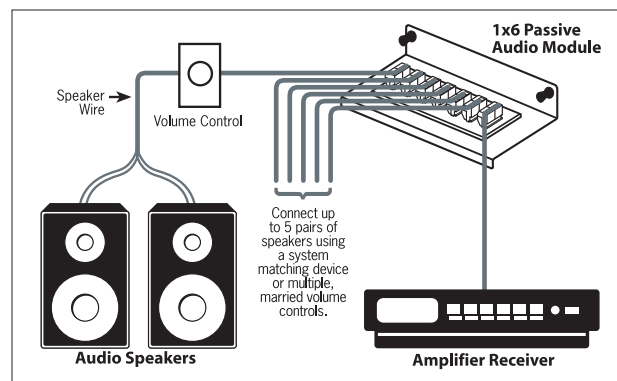
*Note: To ensure a correct impedance match with an amplifier, only use the passive audio module with impedance matched volume controls or a compatible system matching device.*

#### SPECIFICATIONS

<b>Dimensions:</b>	6.58"H x 2.89"W x 1.42"D
<b>Wire Gauge:</b>	18-14 AWG
<b>Requirements:</b>	Product should be used with impedance-matched volume controls or controller

### 1x6 Passive Audio Module

DESCRIPTION	CAT. NO.
1x6 Passive Audio Module	48211-6A



#### SPECIFICATIONS AND FEATURES

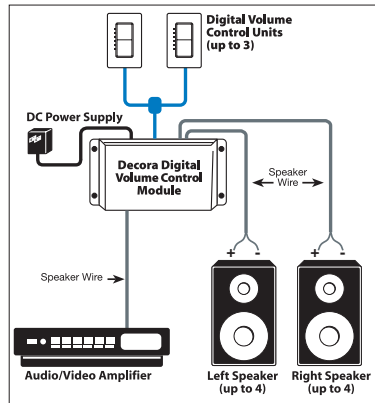
- Supports up to six pairs of speakers.
- Combine with Decora Volume Controls to control up to six pairs of speakers from one amplifier or receiver.
- Parallel connection scheme insures the best sound quality.
- User-removable connectors facilitate installation.
- Connects with standard fire-rated speaker wire.



### Composer Series Audio and Speaker Controls

Leviton's Composer Series controls are built to a single quality standard, which means system designers can specify them for any distributed sound application with total confidence. (Leviton's Chopin Digital Volume control uses the same heat-dissipation technology used on the space shuttle and resistive switching to achieve ruler-flat frequency response.) On the rotary analog controls, tapped auto-transformer design provides a stable interface between high-current amplification and speakers of virtually any type while resisting contamination from dust and dirt.

All analog audio power ratings are UL referenced. All volume controls feature screw connectors for long-term connection integrity.



### Decora Digital™ Chopin™ Volume Control

Fill a home with high-quality audio at the touch of a button, replacing traditional transformers and rotary controls with this advanced interface module and one-touch Decora Chopin Rocker-Switch Wall Unit. Attractive Decora styling and transformer-less design bring simplicity and superior sound-quality to this advanced audio delivery system. The Volume Control mounts in a standard wall box or low-voltage mounting bracket and connects via Category 5 cable to the Interface Module in the Structured Media Enclosure. Decora Chopin Wall Units are a perfect match with Decora Mural™ lighting controls, fit in all Decora wallplates and accommodate up to 4 pairs of speakers if wired in a series/parallel configuration.

#### SPECIFICATIONS

<b>Peak RMS Power Rating:</b>	200 Watts per channel
<b>Continuous Power Rating:</b>	100 Watts RMS per channel
<b>Frequency Response, all rated power levels, +/-0.1 dB:</b>	DC-50,000 Hz
<b>Speaker Impedance:</b>	4-16 Ohms nominal
<b>Speaker/Amplifier Connection:</b>	Removable, snap-in audio monoblock w/screw terminals
<b>Power:</b>	12 Volts DC, 200 mA

### Decora Digital Volume Control Systems

DESCRIPTION	CAT. NO.
Decora Digital Volume Control Kit (Includes Interface Module and Wall Unit with Power Supply)	48211-WVK
Decora Digital Volume Control Wall Unit	48211-WVC

#### SPECIFICATIONS AND FEATURES

- Connects to Interface Module with a single RJ-45 connection. No direct speaker/amplifier connections required at the controller.
- Microprocessor-controlled relays for silent switching.
- Provides impedance matching with speakers from 4-16 Ohms.
- Terminates all amplifier and speaker connections using high-quality audio connection block.
- Digital, transformer-free design uses aerospace-quality cermet resistors for proper heat dissipation and superior performance.
- Each audio zone requires one Digital Volume Control module.
- Each Digital Volume Control module can support up to three volume control units.
- Each Digital Volume Control module can control up to 4 pairs of speakers.
- Tap mute feature activated when center of rocker panel is pressed.



## MULTI-LOCATION AUDIO



40841-DW

### Composer Series Analog Audio Controls

#### Brahms™ Stereo Volume Controls—75 Watt Audio

The 75 Watt Brahms series (25 Watts RMS) of volume controls is ideal for low to moderate power installations in the home and for use with dedicated multi-room amplifiers and mini-systems. The units accommodate 4, 8 or 16 Ohm speakers and amplifiers up to 75 Watts. All controls facilitate impedance matching.

Attenuation: -34 dB in 12 steps. Attenuator Type: Tapped auto transformer. Power Rating: UL Listed @ 75 Watts audio, 25 Watts RMS continuous. Frequency Response: 35 Hz–20 kHz. Screw type connections, 12 position rotary switch.

#### Decora® Brahms™ Stereo Volume Controls

Control stereo volume from convenient wall-mounted location.

DESCRIPTION	CAT NO.—WHITE
Decora Brahms Stereo Volume Control, 75 Watt, 25 Watt RMS with insert, knob and plate. Boxed unit pack, rack pack carton	40841-DW

#### Decora Brahms Stereo Volume Control with ON/OFF Switch

Control of ON/OFF, as well as volume control.

DESCRIPTION	CAT NO.—WHITE
Decora Brahms Stereo Volume Control, 75 Watt, 25 Watt RMS with insert, knob and plate. Boxed unit pack, rack pack carton	40905-25W



40905-25W

#### Strauss™ Stereo Volume Controls—216 Watt Audio

The 216 Watt Audio (72 Watt RMS) Strauss volume control series is ideal for higher power installations in the home, and for use with home theater receivers and separate power amplifiers. Their heavy-duty auto-former construction is designed to resist saturation and degradation even after years of high-volume use while maintaining signal purity. The units accommodate 4, 8 or 16 Ohm speakers and amplifier systems rated up to 216 Watts. All controls facilitate impedance matching.

Attenuation: -34 dB in 12 steps. Attenuator Type: Tapped auto transformer. Power Rating: UL Listed @ 216 Watts Audio, 72 Watts RMS continuous. Frequency Response: 35 Hz–20 kHz. Screw type connectors, 12 position rotary switch.

#### Decora Strauss Stereo Control with ON/OFF Switch

Convenience of ON/OFF, as well as volume control.

DESCRIPTION	CAT NO.—WHITE
Decora Strauss Stereo Volume Control, 216 Watt, 72 Watt RMS with two-gang plate. Boxed unit pack, rack pack carton	40888-72W



40888-72W



### Spec Grade Sound™ System Matching Module with AutoSurge™ Technology

The Spec Grade Sound System Matching Module is used with Leviton's Spec Grade Sound System to match the impedance of all speakers, zones and volume controls automatically at the central wiring point where they converge to interface with the amplifier. The unit also provides another layer of AutoSurge circuit protection technology, complementing the AutoSurge protection built into every Spec Grade Sound speaker. This protects the speakers from potentially damaging transients, ensuring the greatest system reliability possible.

#### SPECIFICATIONS

<b>Dimensions:</b>	2.57"(68.6) H x 6.38"(161.9) W x 5.38"(136.5) D
<b>Mounting Location:</b>	Mounts in Leviton Structured Media™ Centers
<b>Power Handling:</b>	150W RMS per channel/225W peak
<b>Frequency Response:</b>	10Hz-40kHz, +/- .5dB
<b>Wire Gauge:</b>	Detachable cable connectors are compatible with all standard speaker wire sizes (14-18 gauge)

#### Spec Grade Sound System Matching Module

DESCRIPTION	CAT NO.—WHITE
Spec Grade Sound System Matching Module with AutoSurge Technology	SGAMP-000

### Spec Grade Sound System Audio Volume Control

#### Decora® Strauss™ Transformer-Free™ Volume Control

The Decora Strauss transformer-free resistive design replaces conventional autoformer-based volume controls typical of multi-room systems that can contribute to signal degradation in sound quality (muffled sound). Because it presents the amplifier with a purely resistive load at any volume level, the Decora Strauss Transformer-Free Volume Control is ruler-flat across the entire audio spectrum (and well beyond it). Moreover, because it can't "saturate" like a conventional control, it can instantaneously handle the full peak output power of any consumer-grade amplifier on the market today.

#### SPECIFICATIONS

<b>Speaker Impedance:</b>	2-16 Ohms (nominal 8 Ohms)
<b>Power Handling:</b>	200W peak/100W RMS
<b>Frequency Response:</b>	20Hz-20KkHz +/- 1dB
<b>Dimensions:</b>	4.06"(103.1) H x 1.32"(33.5) W x 2.5"(63.5) D
<b>Mounting:</b>	Standard single-gang design with a mounting depth of 2.5"
<b>Wire Gauge:</b>	Detachable cable connectors are compatible with all standard speaker wire sizes (14-18 gauge)
<b>Color:</b>	White (Optional color change kits available for Ivory/Almond)

#### Decora Strauss Transformer-Free Volume Control

DESCRIPTION	CAT NO.—WHITE
Decora Strauss Transformer-Free Volume Control	SGVST-00W
Color change kit converts to Ivory or Almond	SGVCK-IA

#### SPECIFICATIONS AND FEATURES

- Connects up to six rooms/zones
- Convenient single-point connection for all speakers
- Combine with Decora® Strauss™ Transformer-Free-Volume™ Controls to control up to six locations of speakers from one amplifier or receiver\*
- User-removable connectors facilitate installation
- Transformer-Free impedance-matching design ensures linear frequency response, signal integrity and high power handling capacity



#### SPECIFICATIONS AND FEATURES

- Decora slide control with precision 12-position switch (including fully-OFF position)
- Transformer-Free™ volume control delivers rich, full sound at any volume level in any room
- Aerospace-grade Cermetile resistors replace conventional autoformers to maintain audio signal purity
- Detachable cable connector is compatible with all standard speaker wire (14-18 gauge)
- Not impedance matched



## MULTI-LOCATION AUDIO

### Specialized Audio/Video Wallplates

#### Single Spring Clip Wallplate

Equipped with spade terminals. Mounted on break resistant polymer wallplate.

DESCRIPTION	CAT NO.—WHITE	CAT NO.—IVORY
Single Spring Clip Wallplate. Carded unit pack, rack pack carton	40951-1PW	40951-1PI



40951-1PW

#### Double Spring Clip Wallplate

Equipped with spade terminals. Mounted on break resistant polymer wallplate.

DESCRIPTION	CAT NO.—WHITE	CAT NO.—IVORY
Double Spring Clip Wallplate. Carded unit pack, rack pack carton	40952-2PW	40952-2PI



40952-2PW





## Spec Grade Sound™ Indoor and Outdoor Speakers

Leviton's new Spec Grade Sound indoor and outdoor speakers take installed home audio to a new level in both technical innovation and value. With features and technologies equal to the highest-rated brands, they offer identical performance but at a price that works for the contracting and residential construction business...designer sound without the designer price tag.

The Spec Grade Sound indoor and outdoor speakers can be used with Leviton's innovative, exclusive Decora® Strauss™ Transformer-Free™ Volume Control (See Page J27) and Leviton's Spec Grade Sound System Matching Module With AutoSurge™ Technology (See Page J27) to form a complete system.

All Leviton Spec Grade Sound indoor speakers incorporate exceptionally strong, light and rigid AeroNylon tweeters and Kevlar®-composite woofers for exceptional clarity, detail and impact. They come with built-in AutoSurge protection to safeguard the speakers from possible damage due to overdriving. The outdoor/utility speaker is constructed of weather-resistant materials inside and out.

*Kevlar is a registered trademark of E.I. du Pont de Nemours and company*

### 6.5-inch Two-Way In-Ceiling Loudspeaker\*

Paintable grill and frame. 6.5-inch Composite Kevlar cone low-frequency transducer, .5-inch AeroNylon dome high-frequency transducer, 2-way balanced precision crossover network with AutoSurge circuit protection, Frequency Response: 50-20kHz +/- 3dB, Sensitivity: 87.0 dB SPL @ 1Watt/1 Meter, Power Handling: 120W peak/60W RMS, Impedance: Nominal 8 Ohms/Minimum 6 Ohms, Dimensions: Diameter: 9.03 in (229.4mm); Depth: 4.06 in (103.1mm)

DESCRIPTION	CAT NO.-WHITE ONLY
6.5-inch Two-Way In-Ceiling Loudspeaker	SGC65-00W

### 6.5-inch Two-Way In-Wall Loudspeaker\*

Paintable grill and frame. 6.5-inch Composite Kevlar cone low-frequency transducer, .5-inch AeroNylon dome high-frequency transducer, 2-way balanced precision crossover network with AutoSurge circuit protection, Frequency Response: 50-20kHz +/- 3dB, Sensitivity: 88.0 dB SPL @ 1Watt/1 Meter, Power Handling: 120W peak/60W RMS, Impedance: Nominal 8 Ohms/Minimum 6 Ohms, Dimensions: 12.31 in (312.8mm) H x 9.02 in (229mm) W x 4.06 in (103mm) D

DESCRIPTION	CAT NO.-WHITE ONLY
6.5-inch Two-Way In-Wall Loudspeaker	SGI65-00W

### 8-inch Two-Way In-Wall Loudspeaker\*

Paintable grill and frame. 8-inch Composite Kevlar cone low-frequency transducer, 1-inch AeroNylon dome high-frequency transducer with phase/time alignment guide, 2-way balanced precision crossover network with AutoSurge circuit protection, Frequency Response: 44-20kHz +/- 3dB, Sensitivity: 86.5 dB SPL @ 1Watt/1 Meter, Power Handling: 160W peak/80W RMS, Impedance: Nominal 8 Ohms/Minimum 6 Ohms, Dimensions: 14.25 in (362mm) H x 10.24 in (260mm) W x 4.06 in (103mm) D

DESCRIPTION	CAT NO.-WHITE ONLY
8-Inch Two-Way In-Wall Loudspeaker	SGI80-00W

*\*Require separate back box for use in fire rated applications*

### Outdoor/Utility Two-Way Loudspeaker

5.25-inch Silicate-fiber cone low-frequency transducer with butyl surround, .5-inch Polydome high-frequency transducer, 2-way balanced precision crossover network with AutoSurge circuit protection, Element-resistant polypropylene enclosure, gold-plated binding posts, and aluminum mounting, Frequency Response: 50-20kHz +/- 3dB, Sensitivity: 87 dB SPL @ 1Watt/1 Meter, Power Handling: 120W peak/60W RMS, Impedance: Nominal 8 Ohms/Minimum 6 Ohms, Dimension: 8.75 in (222.3mm) H x 6.33 in (161mm) W x 5.5 in (140mm) D (without bracket)

DESCRIPTION	CAT NO.-WHITE ONLY
Outdoor/Utility Two-Way Loudspeaker	SGO99-000

### Spec Grade Sound Pre-Construction Brackets

The Spec Grade Sound Speaker rough in brackets are designed to save time during the rough-in and trim-out phases. The built-in wire management loops ensure that the wire is securely placed and easily located during speaker installation.

DESCRIPTION	CAT NO.-WHITE ONLY
Pre-Construction kit for 6.5" Ceiling Speaker	PCC65-KIT
Pre-Construction kit for 6.5" In-Wall Speaker	PCI65-KIT
Pre-Construction kit for 8" In-Wall Speaker	PCI80-KIT



SGC65-00W



SGI65-00W



SGI80-00W



SGO99-000



# LEVITON ENTERTAINMENT and APPLICATIONS PLATFORM



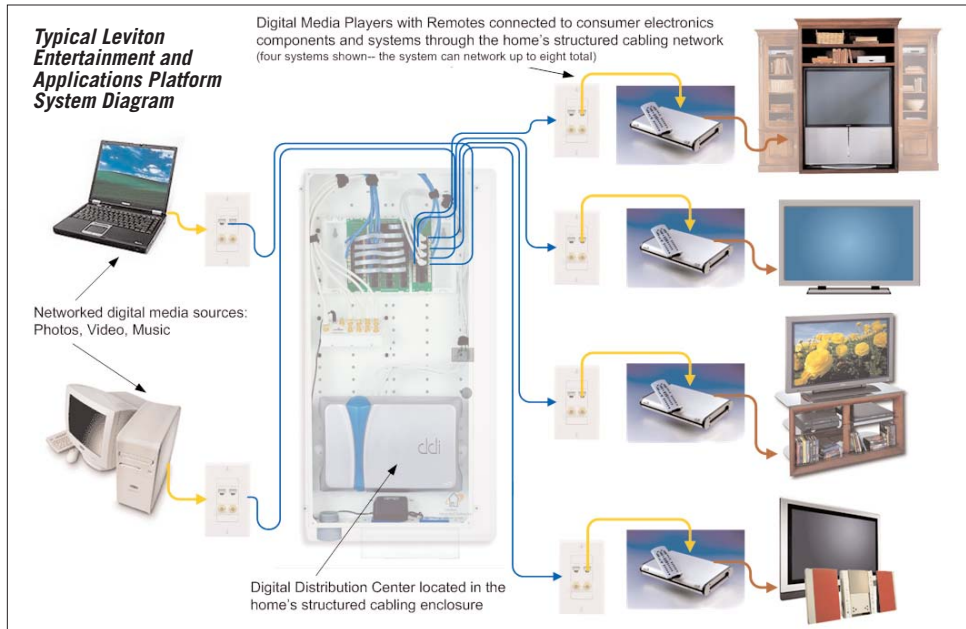
## Leviton Entertainment and Applications Platform

With the Leviton Entertainment and Applications Platform, homeowners can easily organize, access, control and enjoy digital music, video and photos—from any number of digital media sources—in any outfitted room in the house. Leviton's innovative Entertainment and Application Platform is installed and configured as part of a wired home's Structured Media™ Center, making it the simplest, easiest way to take advantage of the latest digital convergence technology.

**Digital Distribution Center (DDC)  
LEAPS-120**



**Digital Player and Remote  
LEAPS-ODP**



Structured Media Components

### LEAPS-120—Digital Distribution Center (DDC)

- Central storage, access and distribution point for digital media, including video, music and photo
- 120 GB drive will store up to 120,000 1 MB photos, or up to 24,000 songs (assumes 5 MB per song, each song recorded at 128 kbps, average song in 4 minutes), or up to 120 videos (assumes 1 GB per video, 2 hours of MPEG 4 video), or any combination thereof
- Digital content is uploaded to DDC via a PC on the network
- Not vulnerable to crashes and viruses that afflict PC's and similar devices
- Modular design allows easy mounting in Structured Media™ Center. Brackets also available for other mounting options
- Uses a wired home's high-performance Ethernet (Cat 5/5e) connections to distribute digital content to Digital Players at up to 8 locations
- Provides Internet access point (gateway and firewall) for home
- Facilitates whole-home networking of computers and peripherals

- Upgradeable for future communications, security and automation applications
- Dimensions: 3.65"(92.8) H x 12.62"(320.5) W x 7.67"(194.7) D
- Backed by a Limited Two-Year Warranty

### LEAPS-ODP—Digital Player & Remote

- Connects to central DDC to decode digital content (video, audio and photos) and deliver it locally to audio/video components
- Up to 8 Digital Players can be used independently and simultaneously (up to 4 zones of video)
- Multiple outlets allow connection to a wide variety of audio and video components
- Easy navigation of content choices using included remote control and on-screen menus on a TV
- Dimensions: 1.55"(39.4) H x 10.14"(257.5) W x 8.88"(174.6) D
- Backed by a Limited Two-Year Warranty

## Leviton Entertainment and Applications Platform

DESCRIPTION	CAT NO.
Digital Distribution Center (DDC)	LEAPS-120
120 GB Media Module—120 GB additional storage hard drive for use with LEAPS-120	LEAPS-MM1
300 GB Media Module—300 GB additional storage hard drive for use with LEAPS-120	LEAPS-MM3
Digital Player with Remote	LEAPS-ODP
Universal DDC Mounting Bracket—Adapts Digital Distribution Center to fit most non-Leviton structured wiring enclosures.	LEAPA-UBK
16" DDC Stud Mount Bracket—For mounting Digital Distribution Center without Leviton Structured Media Enclosure. Fits studs that are 16" on center.	LEAPA-16B
19" DDC Rack Mount Bracket—Adapts Digital Distribution Center to fit most standardized 19" equipment racks.	LEAPA-19B



# DHC Powerline Carrier Components

## INDEX

Overview .....	K2
<b>Controllers—Green Line</b>	
Toscana™ Deluxe Programmer .....	K3
Wall Switch Controllers with 2-Way Communication .....	K4, K5
Wall Switch Controllers with Scene Capability .....	K5
RF Products .....	K6
<b>Controllers—Red Line</b>	
Basic Programmer .....	K7
Table Top Controller .....	K7
Burglar Alarm Interface .....	K7
Dry Contact Controllers .....	K7
<b>Receivers—Green Line</b>	
Wall Switches with 2-Way Communication .....	K8
Wall Switches with Scene Capability .....	K8, K9
Plug-In Modules with Scene Capability .....	K10
<b>Receivers—Red Line</b>	
Wall Switches .....	K11
Remote Switches .....	K12
Double-Pole 20A Wall Switch .....	K12
Receptacles .....	K13
Universal Low-Voltage Module .....	K14
Fixture Modules .....	K14
<b>DHC Network Integrity Products</b>	
Panel-Mounted Surge Protective Devices .....	K15
System Amplifier/Coupler/Repeater .....	K16
Couplers and Attenuators .....	K16
Filters .....	K17
Signal Strength Indicator .....	K17





# DHC POWERLINE CARRIER COMPONENTS FEATURES

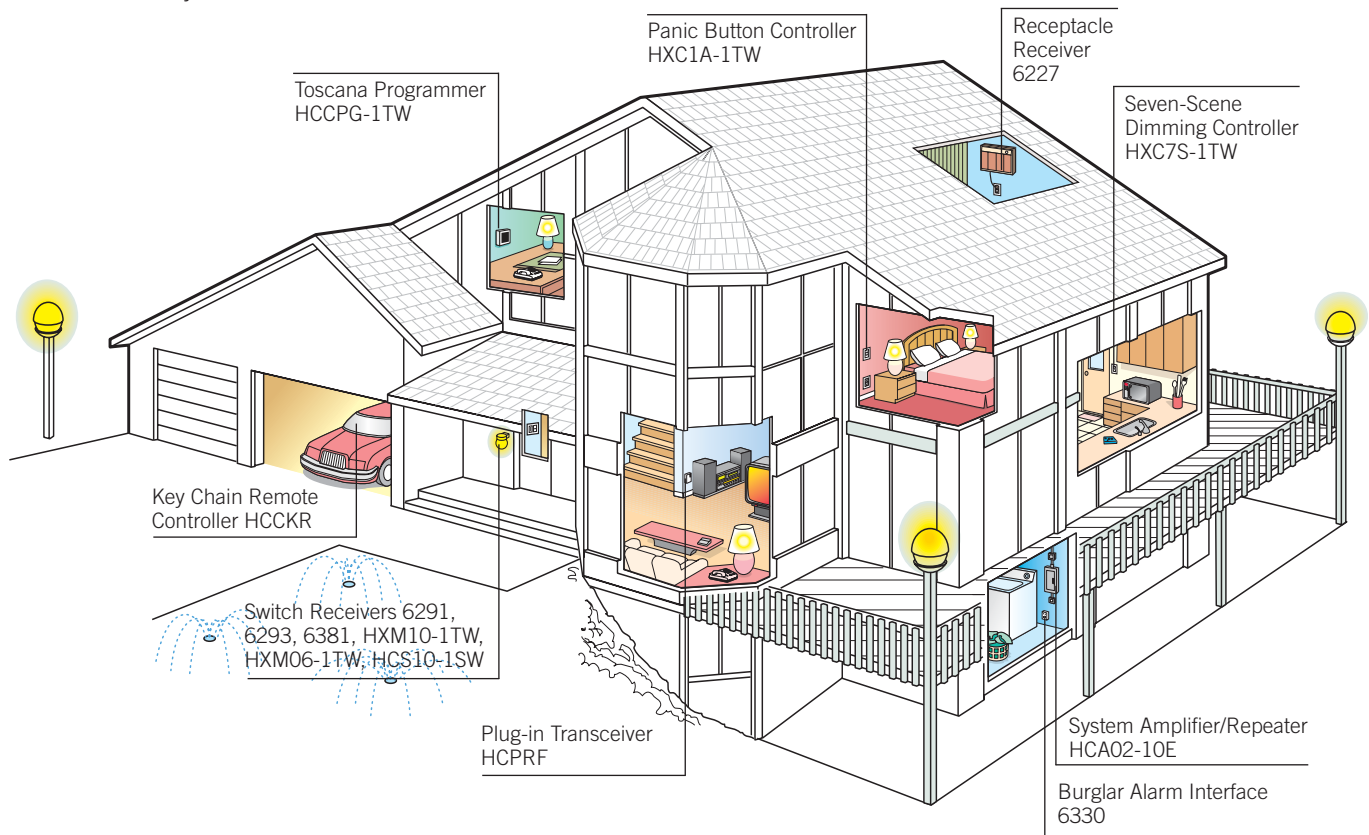
## Residential Grade Controllers

**LEVITON'S DECORA HOME CONTROLS (DHC) RESIDENTIAL POWERLINE CARRIER COMPONENTS PROVIDE HOMEOWNERS WITH EVERYTHING NEEDED FOR PROGRAMMED AND MANUAL CONTROL OF LIGHTING AND APPLIANCES USING THEIR HOME'S EXISTING AC WIRING.**

Our current listing of DHC components features new programmers, controllers and receivers with Scene Lighting Capability for coordinated, whole-house lighting control. This includes models offering two-way communication, which enables controllers in remote locations to show the On/Off status of individual lighting loads. Many new DHC components feature Intellisense™, a Leviton exclusive technology. Intellisense reduces noise sensitivity without reducing command signal sensitivity, resulting in the most reliable performance of any powerline carrier home automation system available today.

### Features and Benefits

- A network of controllers and DHC switch, dimmer, fixture and receptacle receivers that communicate via unique coded switching signals over a home's AC wiring to automate control of lights and appliances
- DHC components replace switches and outlets, which simplifies installation compared with other automation systems that require dedicated proprietary wiring backbones.
- An effective way to contribute to energy conservation and extend bulb and appliance life
- Offers significant security benefits to today's homeowner, including programmed automatic and manual home security features



### DHC CONTROLLERS, RECEIVERS AND NETWORK INTEGRITY PRODUCTS



#### DHC Controllers

DHC Controllers send control signals to user-specified DHC address throughout the network. Offering includes wall-mounted programmable, plug-in, tabletop, wireless hand-held, wall switch/dimmer and sensor units, plus models with 2-way communication.  
**HXC7S-1TW shown**



#### DHC Receivers

DHC Receivers can be set to any of 256 DHC address codes for remote/ manual control of incandescent, inductive, fluorescent, or low-voltage loads. They are available as receptacle, plug-in, fixture and multi-location wall switches and dimmer switches.  
**HXM10-1TW shown**



#### Network Integrity Products

Leviton highly recommends installing these products in every DHC application. The System Coupler/Repeater ensures DHC signal integrity throughout the house. Panel-mount surge devices protect DHC components from transient voltage surges.  
**51120-1 shown**



### Toscana™ Deluxe Programmer

Toscana is a simple central access station that expands DHC control capability with easy one-touch access for up to 64 whole-house lighting scenes along with direct remote control of up to 256 devices. Scenes can be accessed by an IR remote or from remote scene lighting control keypads. Toscana provides complex date/time and macro automated programming of lights and appliances.

Timed events or up to 8 groups of timed events can be selected and run on a recurring basis using a highly accurate internal astronomical clock. Toscana registers status changes when DHC receivers with 2-way communication are manually changed.



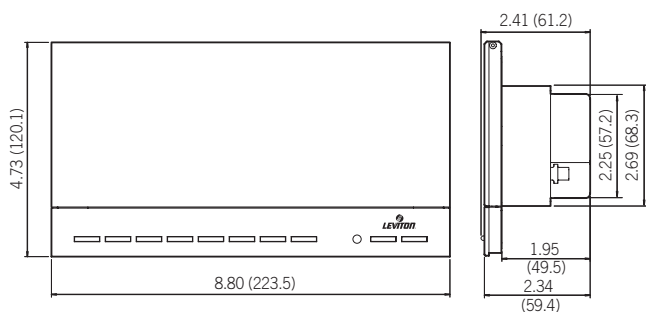
HCCPG-1TW

### Toscana Deluxe Programmer INTELLISENSE™

DESCRIPTION	CAT. NO.
Toscana Deluxe Programmer—Rated: 120V 60Hz AC only. Power consumption: 3 watts. White frame and white cover. Color change kits available for other colors.	HCCPG-1TW

#### COLOR CHANGE KITS FOR TOSCANA

Cat. No. Ivory Cover/ Ivory Frame	Cat. No. White Cover/ White Frame	Cat. No. Almond Cover/ Almond Frame	Cat. No. Smoke Cover/ White Frame
DCKPG-OII	DCKPG-OWW	DCKPG-OAA	DCKPG-OSW



HCCPG-1TW

#### SPECIFICATIONS AND FEATURES

- Simple central access station for manual control of whole-house system
- No programming experience required—Use simple wizards for setup
- Automatically turn appliances ON/OFF and lights ON/OFF/DIM/BRIGHT
- Controls up to 256 devices in a DHC home system
- Leviton's patented IntelliSense™ Technology virtually eliminates signal problems due to line noise
- 2-Way communication capability registers status changes when receivers with 2-way communication are manually changed
- Permits input of real device names to specify control (such as "wall sconce") rather than cryptic house and device codes (e.g. B5)
- Automatically turns lights ON/OFF at dusk and/or at dawn (astronomical clock)
- Allows creation of up to 64 timed events that can reoccur year annually
- Each timed event can be part of up to 8 "time schedules"
- Create and download complex timed events and macros using a PC with RS-232 port
- Backup and restore all system data; allows cloning of devices using a PC with RS-232 port
- Mounts in standard 4-gang box
- No external wall transformer or powerline interface required
- Rated 120V AC Hz, requires neutral and ground connections

#### Whole House Lighting Scenes

- Create up to 64 whole-house lighting scenes to create lighting moods
- Access any of the 64 scenes from the Toscana front panel (8 at any one time)
- Access any seven of the scenes remotely using the HXC7S-1TW scene keypads
- Access any of the scenes using 10 learned infrared codes
- Learned infrared codes could be taught using any standard IR remote

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

#### COLOR

Shipped with White frame and White Cover. See chart for color change kits.

#### MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

**Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.**





# DECORA® HOME CONTROLS (DHC)

## DHC Residential Grade Controllers—Green Line



### Wall Switch Controllers with 2-Way Communication INTELLISENSE™

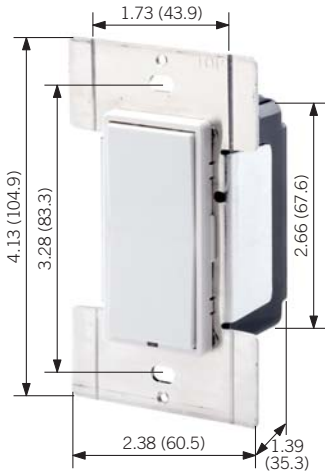
#### DESCRIPTION

**One Address ON/OFF Controller**—One ON/OFF rocker transmits ON/OFF commands to one address. Green LED illuminates to confirm ON command sent or STATUS ON report received. Shipped in White—Color change kits available for other colors. **CAT. NO. HXC10-1TW**

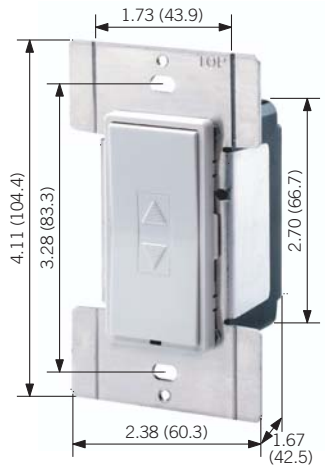
**All Lights ON/ALL OFF Controller**—One ALL LIGHTS ON/ALL OFF rocker transmits commands to all receivers set to the same letter code as this controller. Provides “Panic Button” lighting control for safety and security. NOTE: Receptacle receivers and Universal Low-Voltage Module (6337) do not respond to ALL ON command. Green LED illuminates to confirm ALL ON command sent. Shipped in White—Color change kits available for other colors. **CAT. NO. HXC1A-1TW**

**One-Address Dimming Controller**—One ON/OFF rocker transmits ON/OFF commands to one address in the same letter code as this controller. Built-in arrow-shaped rocker transmits BRIGHT/DIM commands to that same address. Green LED illuminates to confirm ON command sent or STATUS ON report received. Shipped in White—Color change kits available for other colors. **CAT. NO. HXC1D-1TW**

**Two-Address Dimming Controller**—Two sets of ON/OFF buttons transmit ON/OFF commands to two sequential addresses in the same letter code as this controller. One set of BRIGHT/DIM buttons transmits BRIGHT/DIM commands to the most recently selected address. Green LEDs illuminate to confirm ON command sent or STATUS ON report received. Shipped in White—Color change kits available for other colors. **CAT. NO. HXC2D-1TW**



HXC10-1TW



HXC1D-1TW



HXC2D-1TW

*No more than 4 Controllers should be installed on a single branch circuit.*

#### COLOR CHANGE KITS

Controller Cat. No.	Cat. No. Ivory	Cat. No. White	Cat. No. Almond	Cat. No. Gray	Cat. No. Black
HXC10-1TW, HXC1A-1TW	DRK0S-OLI	DRK0S-OLW	DRK0S-OLA	DRK0S-OLG	DRK0S-OLE
HXC1D-1TW	DRK1D-00I	DRK1D-00W	DRK1D-00A	---	---
HXC2D-1TW	DCK2D-00I	DCK2D-00W	DCK2D-00A	---	---
	DCK2D-00I (w/printable labels)	DCK2D-00W (w/printable labels)	DCK2D-00A (w/printable labels)	---	---

#### SPECIFICATIONS AND FEATURES

- Fit in standard wallboxes and replace regular switches to provide DHC control capability as indicated in “Description”
- 2-Way Communication allows status of receivers changed manually to be reflected in the controller
- Leviton’s patented IntelliSense™ Technology virtually eliminates signal problems due to line noise
- Uses existing 120V AC 60Hz wiring to send command signals
- Compatible with Decora screwless and standard Decora wallplates
- Green LED illuminates to confirm ON command sent or STATUS ON report received
- Decora styling coordinates with Leviton’s popular Decora line; complements any interior
- Backed by a Limited Two-Year Warranty

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- UL 224A Tested (and others as appropriate)

#### COLOR

All devices are shipped in White only. See chart for compatible color change kits.

#### MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

**Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.**



### Wall Switch Controllers with 2-Way Communication

DESCRIPTION	CAT. NO.
<b>Three-Address Dimming Controller</b> —Three sets of ON/OFF buttons transmit ON/OFF commands to three sequential addresses in the same letter code group as this controller. One set of BRIGHT/DIM buttons transmits BRIGHT/DIM commands to the most recently selected address. Green LEDs illuminate to confirm ON command sent or STATUS ON report received. Shipped in White—Color change kits available for other colors.	<b>HXC3D-1TW</b>
<b>Four-Address Dimming Controller</b> —Four sets of ON/OFF buttons transmit ON/OFF commands to four sequential addresses in the same letter code group as this controller. One set of BRIGHT/DIM buttons transmits BRIGHT/DIM commands to the most recently selected. Green LEDs illuminate to confirm ON command sent or STATUS ON report received. Shipped in White—Color change kits available for other colors.	<b>HXC4D-1TW</b>
<b>Three-Address Dimming, ALL LIGHTS ON/ALL OFF Controller</b> —Three sets of ON/OFF buttons transmit ON/OFF commands to three sequential addresses in the same letter code group as this controller. One set of BRIGHT/DIM buttons transmits BRIGHT/DIM commands to the most recently selected address. One set of ALL LIGHTS ON/ALL OFF buttons transmits commands to all receivers set to the same letter code as this transmitter. Receptacle receivers and Universal Low-Voltage Module (6337) will not respond to ALL ON command. Green LEDs illuminate to confirm ON command sent or STATUS ON report received. Shipped in White—Color change kits available for other colors.	<b>HXC4A-1TW</b>
<b>Seven-Scene Dimming Controller</b> —Each of seven SCENE buttons transmits ON commands at preset levels to 12 sequential addresses in the same letter code as this controller. (Note: 12-address sequence continues at address 1 if address 16 is reached before all sequential addresses are completed). May be used with all Leviton scene-capable receivers. One set of SCENE BRIGHT/SCENE DIM buttons transmits SCENE BRIGHT/DIM commands to most recently selected scene. One OFF button transmits OFF command to most recently selected scene. Green LEDs illuminate to indicate ON command sent or SCENE ON command detected. Green LED illuminates to indicate OFF command sent. Shipped in White—Color change kits available for other colors.	<b>HXC7S-1TW</b>

The HXC7S-1TW utilizes extended code format. This command structure is compatible with Cat. No. HCA02-10E DHC System Amplifier/Coupler /Repeater but is not compatible with the older version of the System Amplifier Cat. No. 6201.

**No more than 4 Controllers should be installed on a single branch circuit.**

#### COLOR CHANGE KITS

Controller Cat. No.	Cat. No. Ivory	Cat. No. White	Cat. No. Almond	Cat. No. Gray	Cat. No. Black
HXC3D-1TW	DCK3D-00I	DCK3D-00W	DCK3D-00A	—	—
	DCK3D-0CI (w/printable labels)	DCK3D-0CW (w/printable labels)	DCK3D-0CA (w/printable labels)	—	—
HXC4A-1TW	DCK4A-00I	DCK4A-00W	DCK4A-00A	—	—
	DCK4A-0CI (w/printable labels)	DCK4A-0CW (w/printable labels)	DCK4A-0CA (w/printable labels)	—	—
HXC4D-1TW	DCK4D-00I	DCK4D-00W	DCK4D-00A	—	—
	DCK4D-0CI (w/printable labels)	DCK4D-0CW (w/printable labels)	DCK4D-0CA (w/printable labels)	—	—
HXC7S-1TW	DCKS7-00I	DCKS7-00W	DCKS7-00A	DCKS7-00G	DCKS7-00E
	DCKS7-0CI (w/printable labels)	DCKS7-0CW (w/printable labels)	DCKS7-0CA (w/printable labels)	DCKS7-0CG (w/printable labels)	DCKS7-0CE (w/printable labels)

#### SPECIFICATIONS AND FEATURES

- Fit in standard wallboxes and replace regular switches to provide DHC control capability as indicated in "Description"
- 2-Way Communication allows status of receivers changed manually to be reflected in the controller
- Leviton's patented Intellisense™ Technology virtually eliminates signal problems due to line noise
- Uses existing 120V AC 60Hz wiring to send command signals
- Compatible with Decora screwless and standard Decora wallplates
- Green LED illuminates to confirm ON command sent or STATUS ON report received
- Decora styling coordinates with Leviton's popular Decora line; complements any interior
- Backed by a Limited Two-Year Warranty

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- UL 224A Tested (and others as appropriate)

#### COLOR

All devices are shipped in White only. See chart for compatible color change kits.

#### MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

**Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.**



HXC3D-1TW



HXC4A-1TW



HXC7S-1TW



# DECORA® HOME CONTROLS (DHC)



## Residential Grade Controllers—Green Line



HCCUR



HCCKR-E

### RF Components

#### DESCRIPTION

**Universal Remote Control**—Hand-held wireless remote control sends RF (radio frequency) command signals to DHC Plug-In Transceiver Cat. No. HCPRF for up to 256 DHC addresses. With an operating range of up to 100 ft. through wall and ceilings, it sends ON/OFF, DIM/BRIGHT and ALL ON/ALL OFF commands for lighting and ON/OFF commands for appliances. The Universal Remote will also control audio and video equipment, including TV's, VCR's, cable boxes, satellite receivers, DVD and CD players and more. Functions as an all-in-one controller for lighting and audio/video systems, making it ideal for home theaters. Universal design also makes it suitable for the elderly and physically challenged. Dual built-in timers can shut off TV and/or DHC devices up to ninety minutes after setting. Uses 2 AAA batteries. Must be used with HCPRF Transceiver. Color: Black.

**Plug-In Transceiver**—Accepts RF DHC commands from the Universal Remote Cat. No. HCCUR for ON/OFF, DIM/BRIGHT and ALL ON/ALL OFF, as well as ON/OFF commands from the Key Chain Remote Cat. No. HCCKR. The Plug-In Transceiver works with all DHC receivers by re-transmitting commands signals onto the home's existing electrical wiring. Plugs into any standard receptacle and provides a built-in outlet for ON/OFF switching of incandescent lamps rated 300W max. @ 120V AC. The lamp can be controlled remotely or locally via the programming button on the face of the Transceiver, which can also be used to change the unit's DHC address. Features IntelliSense™ Technology to ensure optimum system performance. 2-Way communication permits local status of attached lamp to show on all 2-Way capable DHC controllers. Multiple HCPRF Transceivers can be used to increase coverage in large homes. Unit will re-transmit commands for up to 256 DHC addresses. Color: White.

**Key Chain Remote Controller**—Designed to fit on a key chain and send RF (radio frequency) command signals to DHC Plug-In Transceiver Cat. No. HCPRF. With an operating range of up to 75 ft. through wall and ceilings, it sends ON/OFF commands for any 2 sequential DHC addresses (addresses are user programmable). Ideal for control of home lighting from a vehicle when entering garage or driveway. Uses long-life 3V CR2032 lithium battery (included). Must be used with HCPRF Transceiver. Color: Black.

#### CAT. NO.

HCCUR

HCPRF-1TW



HCCKR-E

#### SPECIFICATIONS AND FEATURES

- Leviton's Universal Remote Control works with DHC-controlled lighting and appliances as well as audio/video system components
- Ultra-compact Key Chain Remote adds to home security by allowing users to turn ON lighting as they approach entranceway, garage or driveway
- Plug-In Transceiver features IntelliSense™ Technology for optimum reliability, 2-way signaling capability, and easy one-button programming. Must be used with Universal Remote and Key Chain Remote.
- Backed by a Limited Two-Year Warranty

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-69519)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

#### COLOR

Colors available as listed.

#### MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

**Note:** Cat. No. HCCUR is CSA Certified only. Cat. No. HCPRF-1TW is UL Listed, CSA Certified and NOM Certified. UL and CSA not required for Cat. No. HCCKR-E



**Programmer/Controller Products**

**DESCRIPTION**

**CAT. NO.**

**Basic Wall Mounted Programmer**—A powerful home automation controller that is easy to install and use. Compact, low-profile unit fits in single-gang wallbox. Accepts up to four addresses; maximum two ON and two OFF commands per address. SECURITY mode randomly selects ON and OFF times to make an empty home appear occupied. ALL LIGHTS ON switch acts as a panic-button lighting system, switching on all DHC switch modules with one touch. DIM/BRIGHTEN command can automatically adjust lighting levels of all fixtures controlled by DHC dimming receivers. LED readout shows time and program status; battery back-up protects clock setting and program status for ten hours during power interruption. Available in Ivory, White, and Almond.

**6312**

**Table Top Controller**★—Provides manual remote control for all 256 DHC addresses. Command functions include ON/OFF, ALL LIGHTS ON/ALL OFF and DIM/BRIGHTEN. The 6320 plugs into any 120 volt AC receptacle to transmit command signals over existing AC wiring.

**6320**

**Burglar Alarm Interface**—Simply plugs into a grounding 15 Amp receptacle. Connects to an existing intrusion alarm and turns lights ON whenever the alarm is tripped. Provides choice of 3 modes of light switching when activated. Either a low-voltage input (6-18V AC, DC or audio) or a dry contact closure can trigger the 6330. The unit has a test button that permits activation whether or not the device is connected to an alarm system. The ALL OFF button turns OFF anything that was turned ON by the unit. Color: Ivory.

**6330**

**Dry Contact Controllers**★—Allow monitoring of up to four dry contact closures. No. 6315 Maintained Contact Transmitter sends ON or OFF command signals in response to contact opening or closure. No. 6316 Momentary Contact Transmitter sends ON or OFF command signals in response to contact closure, and no command signal upon contact openings. These units can be used with photocells, infrared sensors, security system, motion sensors, and any other dry-contact-based sensors. Installs in a single-gang wallbox. Color: Ivory.

**6315  
6316**

Power to control side: 125V 60Hz AC Only.

LV LEAD COLOR	TRANSMITS TO
Blue	A1*
Orange	A2*
Yellow	A3*
Brown	A4*

\*Or any four sequential address codes within the same Letter Code group as the Transmitter.

CSA Certified except where indicated by★

**No more than 4 Controllers should be installed on a single branch circuit.**

**SPECIFICATIONS AND FEATURES**

- Programmer adds user-devised scheduling to DHC automated control of lights and appliances for greater convenience, energy savings and security
- Programmer and Controllers send DHC switching commands over existing 60Hz 120V AC house wiring.
- Burglar Alarm Interface connects to existing intrusion alarms, issuing flashing light commands to DHC switching modules when tripped for improved security
- Dry Contact Transmitters link signaling from photocells, infrared sensors, security systems, motion sensors, and other dry contact transmitters to DHC controlled devices
- Backed by a Limited Two-Year Warranty

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

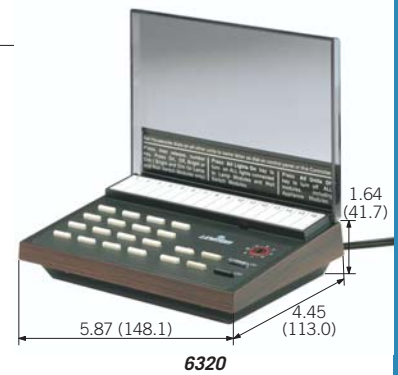
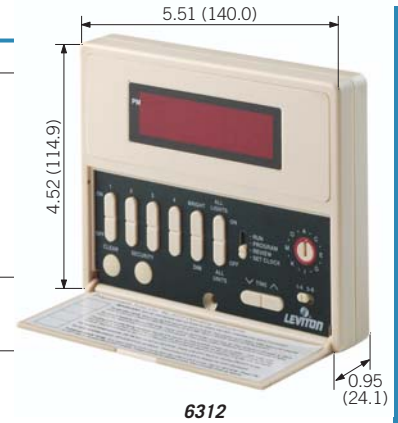
**COLOR**

Colors available as indicated. Cat. No. 6312 available in Ivory (-I), White (-W) and Almond (-A).

**MATERIAL CHARACTERISTICS**

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

**Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.**



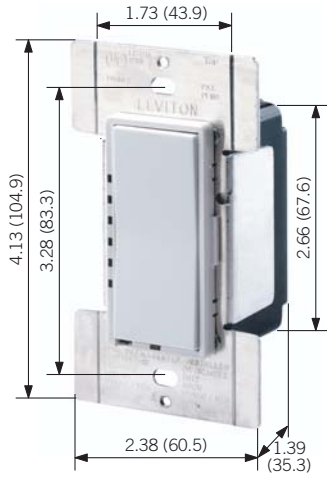




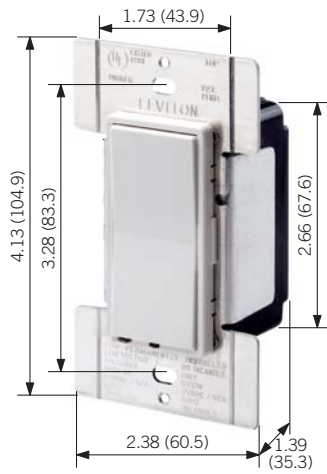
# DECORA® HOME CONTROLS (DHC)



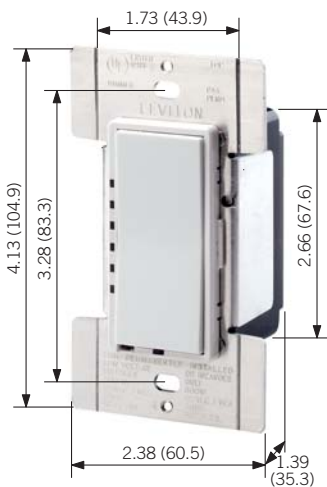
## Residential Grade Receivers—Green Line



**HCM06-1TW**



**HXM06-1TW**



**HXS08-1TW**

### Scene-Capable Wall Switch Receivers with One-Button Programming

The new DHC Scene-Capable Receivers provide one-button programming for scene and address capturing. All feature Leviton's exclusive IntelliSense® to ensure top performance and reliability even when noise is present on the AC powerline.

Dimming Wall Switch Receivers provide manual and remote ON/OFF switching and full-range dimming for incandescent and magnetic low-voltage lighting loads. The new HXS08-1TW Electronic Switch Receiver (non-dimming) provides manual and remote ON/OFF switching for incandescent, magnetic low-voltage, fluorescent and compact fluorescent lighting. All Switch Receivers come with a locator LED. Dimming models feature an LED brightness level display and a preset feature that turns lights ON at the last selected brightness level. Double Tap feature immediately adjusts light to full brightness without affecting the last selected brightness level. All -T Receivers allow 2-way status tracking with the DHC Toscana™ Deluxe Programmer and new 2-way capable controllers when receivers are changed locally.

Typical applications include home theaters, dining rooms, chandeliers, living rooms with multiple high-hats, entranceways, and a wide range of mood lighting applications.

DESCRIPTION	CAT. NO.	RATING @ 120V 60Hz	COLOR
<b>600 Watt Scene-Capable Dimming Wall Switch Receiver</b> with One-Button Programming and LED brightness display. 3-Way capable when used with MS00R-10 Multi-Remote	<b>HCM06-1DW</b>	600W Incandescent, 600VA (450W) Magnetic Low-Voltage Lighting	White (Ivory kit included)
<b>1000 Watt Scene-Capable Dimming Wall Switch Receiver</b> with One-Button Programming and LED brightness display. 3-Way capable when used with MS00R-10 Multi-Remote	<b>HCM10-1DW</b>	1000W Incandescent, 1000VA (750W) Magnetic Low-Voltage Lighting	White (Ivory kit included)
<b>600 Watt Scene-Capable Dimming Wall Switch Receiver</b> with One-Button Programming, 2-Way Communication and LED brightness display. Neutral connection required	<b>HXM06-1TW</b>	600W Incandescent, 600VA (450W) Magnetic Low-Voltage Lighting	White (Ivory kit included)
<b>1000 Watt Scene-Capable Dimming Wall Switch Receiver</b> with One-Button Programming, 2-Way Communication and LED brightness display. Neutral connection required	<b>HXM10-1TW</b>	1000W, 120V AC 60Hz Incandescent, 1000VA (750W) Magnetic Low-Voltage Lighting	White (Ivory kit included)
<b>8 Amp Scene-Capable Electronic Switch Receiver (non-dimming)</b> with One-Button Programming and 2-Way Communication. Neutral connection required	<b>HXS08-1TW</b>	8 Amp, 1000W Incandescent, 1000VA (750W) Fluorescent & Magnetic Low-Voltage Lighting	White (Ivory kit included)

**Special Note:** As with any dimmer, derating for multiple gang installations is required for Wall Switch Receivers.

Use Leviton Power Extenders to extend the load capacity of DHC Dimming Wall Switch Receivers.

### COLOR CHANGE KITS FOR WALL SWITCH RECEIVERS (ROCKER AND FRAME)

Receiver Cat. No.	Cat. No. Ivory	Cat. No. White	Cat. No. Almond	Cat. No. Gray	Cat. No. Black
HCM06/10-1DW	DRKDD-1LI	DRKDD-1LW	DRKDD-1LA	DRKDD-1LG	DRKDD-1LE
HXM06/10-1TW	DRKDD-1LI	DRKDD-1LW	DRKDD-1LA	DRKDD-1LG	DRKDD-1LE
HXS08-1TW	DRKOD-1LI	DRKOD-1LW	DRKOD-1LA	DRKOD-1LG	DRKOD-1LE

### SPECIFICATIONS AND FEATURES

- New One Button Programming
- Provide Scene Control capability when used with DHC Scene Controller HXCS7-1TW and HCPCG-1TW Toscana Programmer. Also backward compatible with 16400/16450-S and 16400/16450-SD Scene Controllers
- HCM06/10-1DW provides 3-way and multi-location capability when used with MS00R-10 Multi-Remote
- Soft On/Fade Off brightness levels allowing extended bulb life
- Fits in standard wall boxes
- Leviton's patented IntelliSense™ Technology virtually eliminates signal problems due to line noise
- Protected memory during minor power fluctuations
- LED brightness display alongside rocker
- Packed with Ivory and White snap-on rocker/frame kit; optional snap-on rocker/frame color change kits sold separately. See color change kit chart

- Decora-styled to coordinate with Leviton's Decora line of wiring devices
- Backed by a Limited Two-Year Warranty

### TESTING AND CODE COMPLIANCE

- UL Listed to File No. E31373
- CSA Certified to File No. LR3413
- NOM Certified #057

### COLOR

Colors available as indicated. See chart for Rocker and Frame Kits (must be purchased separately)

### MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

**Note:** A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.







### Scene-Capable Wall Switch Receivers

Dimming Wall Switch Receivers provide manual and remote ON/OFF switching and full range dimming for incandescent and magnetic low-voltage loads. Receivers are scene-capable when used with Leviton's Toscana Programmer HCCPG-1TW and Seven-Scene Controller HXC7S. Receivers will respond to ON, OFF, DIM, BRIGHT, ALL LIGHTS ON/ALL OFF AND SCENE commands. Receivers also provide single-pole and 3-way (multi-location) ON/OFF switching and full range dimming when used with MS00R-10 Multi-Remote. Preset feature turns lights ON at last selected brightness level. Soft ON/Fade OFF feature provides eye-pleasing effect and extended bulb life. Cat. No. HCS10-1SW is a non-dimming ON/OFF Receiver. All receivers feature Intellisense™ Technology to ensure top performance and reliability even when noise is present on the AC powerline.

Packed with Ivory and White Rocker and Frame Kits. Kits for other colors must be purchased separately.

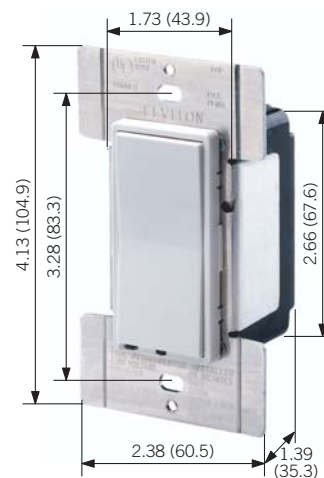
DESCRIPTION	CAT. NO.	RATING	COLOR
<b>600 Watt Scene-Capable Dimming Switch</b> — Single-pole and 3-way (multi-location) when used with MS00R Multi-Remote. Neutral not required for incandescent loads.	<b>HCM06-1SW</b>	600W Incandescent, 600VA (450W) Magnetic Low-Voltage 120V AC 60Hz	White (Ivory kit included)
<b>1000 Watt Scene-Capable Dimming Switch</b> — Single-pole and 3-way (multi-location) when used with MS00R Multi-Remote. Neutral not required for incandescent loads.	<b>HCM10-1SW</b>	1000W Incandescent, 1000VA (750W) Magnetic Low-Voltage 120V AC 60Hz	White (Ivory kit included)
<b>10 Amp Scene-Capable Switch (Non-Dimming)</b> — Single-pole and 3-way (multi-location) when used with MS00R Multi-Remote. Neutral required. Requires Cat. No. 6287 when used with electronic loads such as compact fluorescent lamps.	<b>HCS10-1SW</b>	1200W Incandescent, 1200VA Fluorescent and Magnetic Low-Voltage Lighting 10A-120V AC 60Hz	White (Ivory kit included)

#### ROCKER AND FRAME KITS FOR HCM10-1SW AND HCM06-1SW

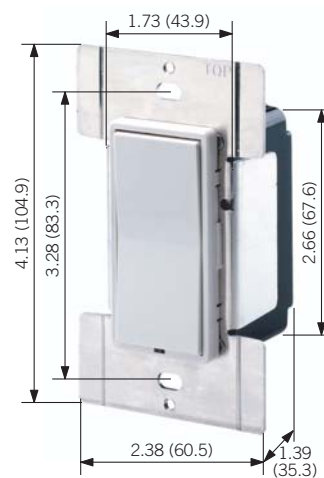
Cat. No. Ivory	Cat. No. White	Cat. No. Almond	Cat. No. Gray	Cat. No. Black
DRKOD-1LI	DRKOD-1LW	DRKOD-1LA	DRKOD-1LG	DRKOD-1LE

#### ROCKER AND FRAME KITS FOR HCS10-1SW

Cat. No. Ivory	Cat. No. White	Cat. No. Almond	Cat. No. Gray	Cat. No. Black
DRKOS-OLI	DRKOS-OLW	DRKOS-OLA	DRKOS-OLG	DRKOS-OLE



HCM06-1SW



HCS10-1SW

#### SPECIFICATIONS AND FEATURES

- Provide Scene Control capability when used with DHC Scene Controller HXCS7-1TW and HCCPG-1TW Toscana Programmer. Also backward compatible with 16400/16450-S and 16400/16450-SD Scene Controllers
- Provides 3-way and multi-location capability when used with MS00R-10 Multi-Remote
- Soft On/Fade Off brightness levels allowing extended bulb life
- Fits in standard wall boxes
- Leviton's patented Intellisense™ Technology virtually eliminates signal problems due to line noise
- Protected memory during minor power fluctuations
- Packed with Ivory and White snap-on rocker/frame kit; optional snap-on rocker/frame color change kits sold separately. See color change kit chart
- Decora-styled to coordinate with Leviton's Decora line of wiring devices
- Backed by a Limited Two-Year Warranty

#### TESTING AND CODE COMPLIANCE

- UL Listed to File No. E31373
- CSA Certified to File No. LR3413
- NOM Certified #057

#### COLOR

Colors available as indicated. See chart for Rocker and Frame Kits (must be purchased separately)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



**HXP15-1TW**



**HCP03-10W**

**Scene-Capable Plug-In Receiver Modules with One-Button Programming**



DESCRIPTION	CAT. NO.
<p><b>Scene-Capable Plug-In Appliance Module with One-Button Programming and 2-Way Communication</b>—Provides 1-button programming through address capturing. No wiring necessary; plugs into any 15A-125V grounding receptacle and provides NEMA 5-15R grounding receptacle for lights and appliances. Provides manual and remote ON/OFF switching for a variety of free-standing lights and appliances. Provides scene capability (ON/OFF switching) when used with the HXCS7-1TW Seven-Scene Controller and the HCCPG-1TW Toscana Deluxe Programmer. Responds to ON, OFF, ALL LIGHTS ON/ALL OFF and SCENE COMMANDS. Push button allows manual ON/OFF control. Provides status tracking to notify 2-way capable controllers of manual status changes. Features Intellisense™ Technology for the utmost in reliability even when noise exists on the AC powerline. With LED locator light. Color: White.</p> <p><b>Rated:</b> 120V AC 60 Hz, 1800W Incandescent, 1800VA Fluorescent, 15A Resistive, 1/2 HP Motor loads @ 120V AC</p>	<b>HXP15-1TW</b>
<p><b>Scene-Capable Plug-In Lamp Module with One-Button Programming</b>—Provides 1-button programming through address capturing. Provides remote ON/OFF switching, manual ON switching, and remote full-range dimming for plug-in incandescent lamps. No wiring necessary; plugs into 15 Amp AC outlet. Allows local control of any lamp plugged into it. Available in White (-W) only. Provides Scene Control capability when used with DHC Scene Controller HXCS7-1TW and HCCPG-1TW DHC Toscana Deluxe Programmer. Also backward compatible with 16400/16450-S and 16400/16450-SD DHC Scene Controllers. Equipped with Leviton's Intellisense® advanced circuitry for the utmost in reliability, even where electrical "noise" exists on the power line. Responds to ON, OFF, DIM, BRIGHT, ALL LIGHTS ON/ALL OFF and SCENE LIGHTING commands.</p> <p><b>Rated:</b> 120V 60Hz, 300W Incandescent</p>	<b>HCP03-10W</b>

**SPECIFICATIONS AND FEATURES**

- Plug-in design requires no wiring
- HXP15-1TW provides manual and remote ON/OFF switching of plug-in lamps and appliances
- HCP03-10W provides manual and remote ON/OFF switching and full-range dimming for plug-in incandescent lamps
- One-button programming through address capturing
- Scene-capable when used with when used with the HXCS7-1TW Seven-Scene Controller and the HCCPG-1TW Toscana Deluxe Programmer.
- Protected memory maintains status of plug-in loads and address programming during minor power fluctuations
- HXP15-1TW provides status tracking to notify 2-way capable controllers of manual status changes
- Leviton's patented Intellisense™ Technology virtually eliminates signal problems due to line noise
- Backed by a Limited Two-Year Warranty

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- NOM Certified (#057)
- UL 244A Tested (and others where appropriate)

**MATERIAL CHARACTERISTICS**

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
 Operating Temperature: -40°C to 120°C





### Wall Switch Receivers

#### DESCRIPTION

#### CAT. NO.

**Multi-Location Incandescent Dimming Switch**—Provides multi-station manual and remote switching and full-range dimming when used with a 6294 Remote Switch. Equipped with Intellisense (gated automatic gain control) for outstanding performance and reliability. Responds to ON, OFF, DIM, BRIGHT, and ALL LIGHTS ON/ALL OFF commands. Preset feature turns lights ON at last selected brightness level. Soft ON/Fade OFF feature provides eye-pleasing effect and extended bulb life. Protected memory maintains lighting level during minor power fluctuations. Built-in RFI filter. Wires easily into standard wall box. Packed with Ivory and White Rocker and Frame. Kits for other colors must be purchased separately (See Chart).

**6383-WI**

**Rated:** 120V AC 60Hz  
500W max. Incandescent  
60W min.

**Note:** To avoid overheating and possible damage to these units and other equipment, do not use the Cat. No. 6383 to control a receptacle, fluorescent lighting, motor-operated appliances or transformer-supplied loads. When the 6383 is ganged with any other device, the 6383 should not be loaded beyond 400W for a double-gang, or beyond 300W when three or more are ganged together.

**Single-Pole (One Location) Switch**—Equipped with Intellisense (gated automatic gain control) and provides manual and remote ON/OFF control. Can be set to any of 256 DHC address codes to switch incandescent, inductive or resistive loads where dimming is not required. Responds to ON, OFF, ALL LIGHTS ON/ALL OFF commands. Wires easily into standard wall box using terminal screws. Neutral Connection Required. Pilot light is ON when switch is ON. Code wheels are located beneath rocker plate. Packed with Ivory and White Rocker and Frame. Kits for other colors must be purchased separately (See Chart). Requires Cat. No. 6287 when used with electronic loads such as compact fluorescent lamps.

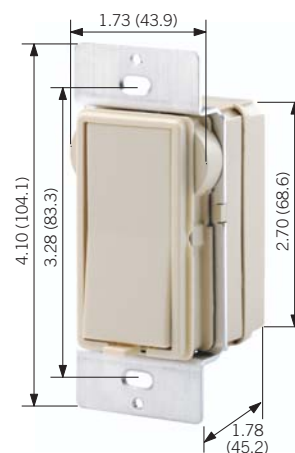
**6291-WI**

**Rated:** 15A 120V AC 60Hz Incandescent, Inductive or Resistive

**3-Way (Multi-Location) Switch**—Equipped with Intellisense (gated automatic gain control). Provides manual and remote ON/OFF control in multi-station switching circuits when used in conjunction with one or more Cat. No. 6294 Remote Switches. The 6293 can be set to any of 256 DHC address codes to switch incandescent, inductive or resistive loads where dimming is not required. Responds to ON, OFF, ALL LIGHTS ON/ALL OFF commands. Wires easily into standard wall box using terminal screws. Neutral Connection Required. Pilot light is ON when switch is ON. Code wheels are located beneath rocker plate. For proper operation, the total length of traveler wire between Multi-Location Switch and Remote should not exceed 90 feet. Packed with Ivory and White Rocker and Frame. Kits for other colors must be purchased separately (See Chart).

**6293-WI**

**Rated:** 15A 120V AC 60Hz Incandescent, Inductive or Resistive



**6383-WI**



**6293-WI**

#### ROCKER AND FRAME KITS FOR 6383 SWITCH

Cat. No. Ivory	Cat. No. White	Cat. No. Almond	Cat. No. Gray
6081-I	6081-W	6081-A	6081-GY

#### ROCKER AND FRAME KITS FOR 6291 AND 6293 SWITCH

Cat. No. Ivory	Cat. No. White	Cat. No. Almond	Cat. No. Gray
6091-I	6091-W	6091-A	6091-GY

#### SPECIFICATIONS AND FEATURES

- Fit in standard wallboxes and replace regular switches to provide manual and remote ON/OFF switching of lighting and appliances. 6381-WI dimming switch rated for incandescent lighting only
- Leviton's patented Intellisense™ Technology virtually eliminates signal problems due to line noise
- Use existing 60Hz 120V AC house wiring to add multi-location switching without resorting to complicated and costly conventional wiring means
- Decora styled to coordinate with Leviton's Decora line of wiring devices
- Backed by a Limited Two-Year Warranty

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- UL 244A Tested (and others where appropriate)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



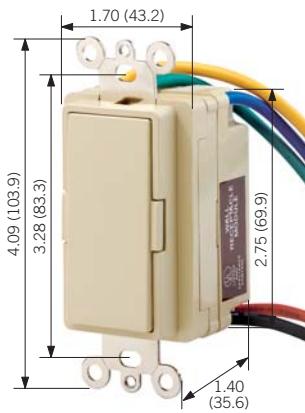
# DECORA® HOME CONTROLS (DHC)



## Residential Grade Receivers—Red Line



MS00R-10W



6371-I

### Wall Switch Remotes and Receivers

#### DESCRIPTION

#### CAT. NO.

**3-Way and 4-Way (Multi-Location) Remote Dimming Switch**—This unit is only for use as a remote switch with DHC Cat. Nos. HCM06/10-1SW, HCM06/10-1DW and HCS10-1SW Multi-Location Switches with Scene Capability. The MS00R-1 provides ON/OFF and DIM/BRIGHT 3-Way, 4-Way and higher-level control in conjunction with these units (Note: HSC10-1SW Switch does not provide DIM/BRIGHT control). The MS00R-1 cannot be used for any other purpose in the DHC network. Available in Ivory (-10I), White (-10W), and Almond (-10A). Kits for other colors must be purchased separately (See Chart).

MS00R-1

**No Load Rating**—For use with HCM06/10-1SW, HCM06/10-1DW and HCS10-1SW units with scene capability only

**3-Way and 4-Way (Multi-Location) Remote Switch**—For use with DHC Cat. Nos. 6383 and 6293 Multi-Location Switches as a remote switch. The 6294 provides 3-Way, 4-Way and higher-level control in conjunction with these units. It cannot be used for any other purpose in the DHC network. The unit wires easily into standard wall box using terminal screws. For proper operation, the total length of traveler wire between Multi-Location Switch and Remote should not exceed 90 feet. Available in Ivory (-I), White (-W) and Almond (-A). Specify color(s) when ordering, as snap-on cover and frame kits cannot be used with the 6294.

6294

**No Load Rating**—For use with 6293 and 6383 units only

**Double Pole Wall Switch**—Equipped with Intellisense (gated automatic gain control). Provides local and remote ON/OFF control. Responds to ON/OFF and ALL OFF commands from controllers. Can be set to any of the 256 DHC address codes. Intended for control of pool pumps, air conditioning units, spa heaters and pumps, and other large residential loads. Wire easily into any standard wall box by means of six-inch leads. Available in Ivory only.

6371-I

**Rated:** 20A 2 HP 250V AC 60Hz



#### ROCKER AND FRAME KITS FOR MS00R-10 REMOTE SWITCH

Cat. No. Ivory	Cat. No. White	Cat. No. Almond	Cat. No. Gray	Cat. No. Black
DRKOR-00I	DRKOR-00W	DRKOR-00A	DRKOR-00G	DRKOR-00E

#### SPECIFICATIONS AND FEATURES

- Remote Units add multi-location capability to dimmer and switch receivers
- Fit in standard wallboxes to replace regular switches
- Leviton's patented Intellisense™ Technology virtually eliminates signal problems due to line noise (Cat. No. 6371-I)
- 6371-I Heavy-duty appliance switch available for automated control of heavy-duty loads such as air conditioning and pool pumps
- Decora styled to coordinate with Leviton's Decora line of wiring devices
- Backed by a Limited Two-Year Warranty

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File # LR-54628)
- UL 244A Tested (and others where appropriate)

#### COLOR

Colors available as indicated. For MS00R-10, see chart for Rocker and Frame Kits (must be purchased separately).

#### HORSEPOWER

Cat. No 6371-I: 2 HP @ 250V 20A

#### MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



### RECEPTACLE Receivers

#### DESCRIPTION

**Split Duplex Wall Receptacle**—Equipped with Intellisense (gated automatic gain control). Top outlet provides remote ON/OFF load control in response to controller command signals. Bottom outlet is continuously live. Local control of any light or appliance plugged into the controlled outlet can be achieved by switching the load ON/OFF switch once or twice. Will not respond to ALL LIGHTS ON command. Fits standard wall boxes and supplied with leads for easy installation.

**Rated:** 15A 120V 60Hz AC only. NEMA 5-15R.

#### CAT. NO.

**6227-I**  
**6227-W**  
**6227-A**

NEMA 5-15R



**Duplex Wall Receptacle**—Equipped with Intellisense (gated automatic gain control). Same as 6227, but with both top and bottom outlets providing ON/OFF control in response to controller command signals. Feed-through load allows control of receptacles downstream. Will not respond to ALL LIGHTS ON command. No local control available.

**Rated:** 15A 120V 60Hz AC only. NEMA 5-15R

**6280-I**  
**6280-W**  
**6280-A**

NEMA 5-15R



**Single Wall Receptacle★**—Equipped with Intellisense (gated automatic gain control). Provides ON/OFF control. No local control available. Wires easily into standard wallbox using supplied six-inch leads. Will not respond to ALL LIGHTS ON command.

**Rated:** 20A 120V 60Hz AC only. NEMA 5-20R

**6296-I**  
**6296-W**

NEMA 5-20R



**Single Wall Receptacle★**—Equipped with Intellisense (gated automatic gain control). Provides ON/OFF control. No local control available. Wires easily into standard wallbox using supplied six-inch leads. Will not respond to ALL LIGHTS ON command.

**Rated:** 20A 250V 60Hz AC only. NEMA 6-20R

**6298-I**  
**6298-W**

NEMA 6-20R



CSA Certified except where indicated by★

#### SPECIFICATIONS AND FEATURES

- Available in commonly used NEMA configurations
- Fit in standard wallboxes and replace standard receptacles
- Leviton's patented Intellisense™ Technology virtually eliminates signal problems due to line noise
- Decora styled to coordinate with Leviton's Decora line of wiring devices
- Backed by a Limited Two-Year Warranty

#### TESTING AND CODE COMPLIANCE

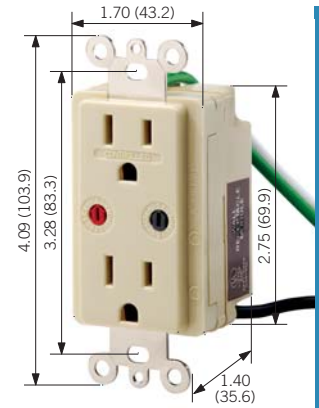
- UL Listed (File #E-66800)
- CSA Certified (File # LR-54628)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

#### COLOR

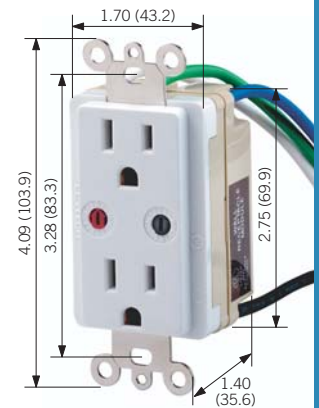
Colors available as indicated in Ivory (-I), White (-W) and Almond (-A).

#### MATERIAL CHARACTERISTICS

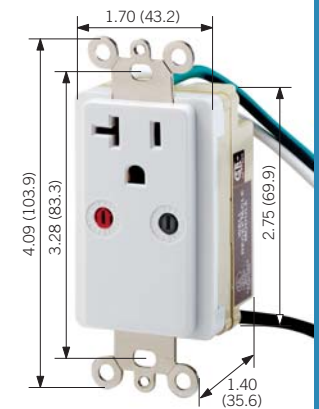
Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



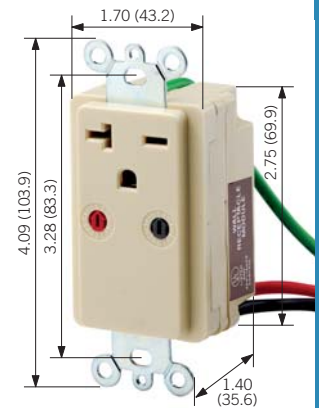
6227-I



6280-W



6296-W



6298-I





# DECORA® HOME CONTROLS (DHC)



## Residential Grade Receivers—Red Line



6337



6375

### Receiver Modules

#### DESCRIPTION

#### CAT. NO.

**Universal Low Voltage Module**—Almost any device operated at low voltages can now be automated using the 6337. This receiver interfaces between the low voltage device and the 120V AC wiring network. It receives an ON or OFF command from DHC Transmitters and can operate sprinkler systems, designated lighting, skylight closures, heating systems, garage door openers and other lighting and motor loads. Simply connect LV wiring to the screw terminal on the module and plug it into any 120V wall outlet.

6337

In addition to switching contacts, the 6337 has a built-in alarm that can be set to sound whenever the switch contacts are closed. The 6337 can be set to operate the relay only, the alarm only, or both the relay and the alarm.

The 6337 can also be set for momentary operation so that the relay and/or the alarm will be turned on for approximately two seconds in response to any ON command. Does not respond to ALL LIGHTS ON or DIM/BRIGHT commands.

**Rated:** 120V 60Hz AC only. **Contacts:** 5A 12V DC, 100VA 30V DC Inductive

**Fixture Relay Module**—Can be mounted at either an incandescent or fluorescent fixture by means of adhesive strips. Responds to ON/OFF and ALL LIGHTS ON/ALL OFF commands from controllers. Equipped with leads for easy installation.

6375

**Rated:** 15A 120V 60Hz AC only, incandescent, inductive, or resistive.

**Dimming Fixture Module**—Can be mounted at an incandescent fixture by means of adhesive strips. Responds to ON/OFF, DIM/BRIGHTEN and ALL LIGHTS ON/ALL OFF commands from controllers. Equipped with leads for easy installation.

6376

**Rated:** 300W incandescent 120V 60Hz AC only.

See Lighting Controls Section C for more information on Leviton Power Extenders.

Use Leviton Power Extenders to extend the load capacity of DHC Dimming Wall Switch Receivers.

#### SPECIFICATIONS AND FEATURES

- Universal Low Voltage Module can automate devices operated at low voltages such as sprinklers, skylights, and heating/AC systems
- Fixture modules provide direct control for fixtures where only remote control is necessary
- Backed by a Limited Two-Year Warranty

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



**DHC Network Integrity Products**

Panel Mounted Surge Protective Devices (SPD)—Provides homes with protection from high-energy transient voltage surges that can damage sensitive electronic circuits in computers, audio and video components and electronic appliances. DHC components incorporate micro circuitry and Leviton highly recommends protecting the DHC network from powerline surges. Leviton Panel Mount devices feature unique hybrid suppression circuitry for outstanding surge protection. The following devices are compatible with all DHC components.

DESCRIPTION	CAT. NO.	MAX. SURGE CURRENT (8 X 20µs wave) L-N	UL 1449 RATING L-N
<b>120/240V AC, Single-Phase</b> —Standard J-box metal enclosure with pre-punched standard knockouts.	51120-1	50kA	500V
<b>120/208V AC, 3-Phase WYE</b> —Standard J-box metal enclosure with pre-punched standard knockouts.	51120-3	50kA	500V
<b>120/240V AC, Single-Phase</b> —NEMA 3R enclosure suitable for outdoor use	51120-3R	50kA	800V
<b>120/240V AC, Single-Phase</b> —Features sine wave tracking, redundant protection and replaceable/surge modules. NEMA 12 enclosure with hinged cover.	52120-M2H	100kA	400V
<b>120/240V AC, Single-Phase Multimedia Panel</b> —Provides surge protection for AC powerline, 2-pairs of phone/fax/modem connections, and dual CATV/Satellite feeds using F connectors. Painted steel NEMA 1 enclosure with four perforated 7/8" knockouts.	51110-PTC	AC: 48kA Tel: 1.9kA @ 3.8kV CATV: 2kA	AC: 400V Tel: 220V CATV: 25V

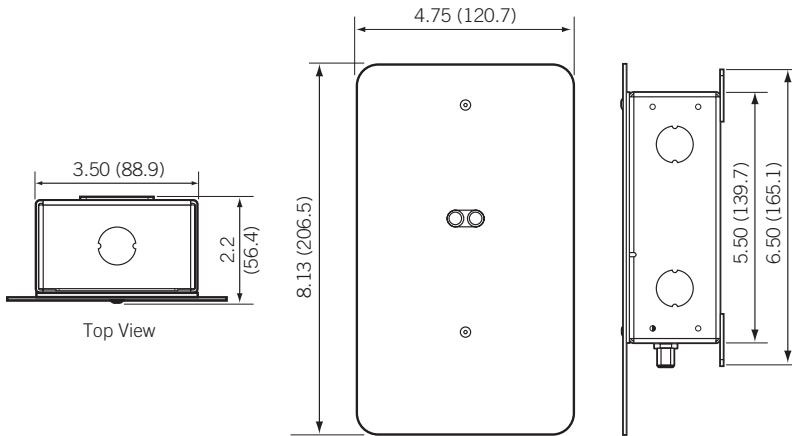


51110-PTC

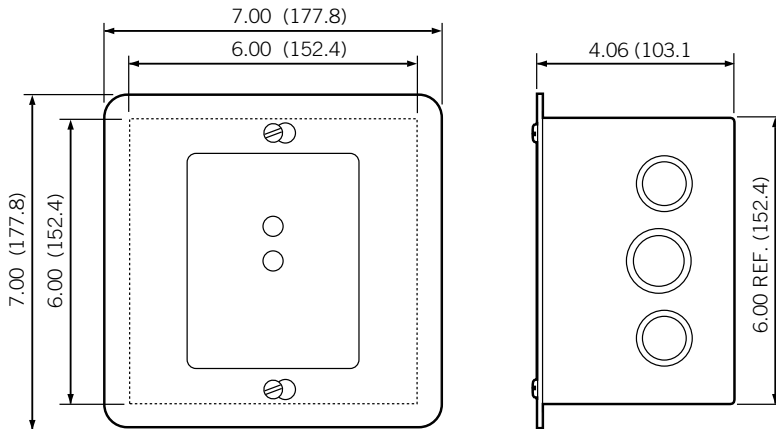


51120-1

**Note: A Panel Mount Surge Protective Device should be installed at the service panel in every DHC installation.**



**Multimedia Panel Surge Protective Device**  
Cat. No. 51110-PTC



**PANEL MOUNTED SURGE PROTECTIVE DEVICE**  
Cat. No. 51120-1,-3

**SPECIFICATIONS AND FEATURES**

- Real-time diagnostic visual indicator shows power and suppression status for each protected phase
- Cat. No. 51110-PTC Multimedia Panel protects AC, phone/fax/modem, and CATV/Satellite lines from transient voltage surges
- Cat. No. 52120-M2H features user-replaceable surge modules
- Backed by a Limited 10-Year Warranty

**TESTING AND CODE COMPLIANCE**

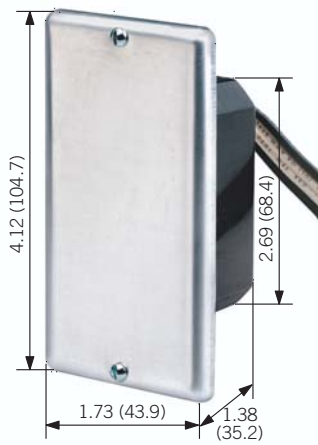
- Listed to UL 1449 (2nd edition) Standards
- UL Listed (File #E-146315)
- CSA Certified (File #LR94773)

**MATERIAL CHARACTERISTICS**

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



HCA02-10E



6299

**DHC Network Integrity Products**

**DESCRIPTION**

**CAT. NO.**

**System Amplifier/Coupler/Repeater with Built-in Test Signal Generator**—Performs a variety of functions to ensure outstanding DHC system performance and reliability. Couples transmitter (programmer and controller) signals generated on the 120V leg where the transmitter draws power onto the other leg in a 120/240V single-phase 3-wire residential wiring system. The HCA02-10E also amplifies and repeats command signals to maintain proper signal strength through the DHC system. Green pilot light indicates unit has power. Lamp will indicate when signal is being transmitted. Features IntelliSense™ Technology to help ensure top performance even when noise is present on the AC powerline. The error lamp indicates the IntelliSense feature is activated. The unit provides convenient test signal transmission for easy signal strength verification at individual DHC module locations using Leviton's Cat. No. 6386 Signal Strength Indicator.

HCA02-10E

The HCA02-10E should be installed at the main panel on its own dedicated 15A breaker in accordance with NEC requirements. **The HCA02-10E cannot be used in a 3-phase system.**

**Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.**



**Signal Bridge/Passive System Coupler**—Couples the DHC command signal onto the 120V legs of the power system to ensure sufficient command signal strength throughout the DHC network. (NOTE: 6299 should NOT be installed in the same panel as HCA02-10E).

6299

**Rated:** 120/240V 60Hz AC only.

**Signal Attenuator, 2-Phase**—Attenuates (“knocks down”) external noise and signal levels entering the DHC network. The 6285 can be used to block interference from appliances, electronic ballasts and home electronics to ensure top performance from DHC network. Also used to block signal leakage (attenuation) caused by capacitive filters and electronic power supplies.

6285

**Rated:** 2-Phase 120/240V & 120/208V 60Hz AC only.

**Multi-Phase Blocking Coupler**—The 6284 is installed between the incoming electrical service and the service panel in apartment buildings, condominiums, attached-unit dwellings and homes sharing the same side of the electrical transformer. Keeps extraneous electronic noise and signals from entering or leaving the DHC network.

6284

**Rated:** 120V, 120/240V & 120/208V 60Hz AC—Max. 200 Amp panel.

**SPECIFICATIONS AND FEATURES**

- Cat. No. HCA02-10E System Amplifier/Coupler/Repeater must be installed in all DHC installations to ensure adequate signal strength.
- Cat. Nos. 6284 and 6285 are used to stop extraneous noise and signals from degrading DHC network operation
- Backed by a Limited Two-Year Warranty

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-66800)
- CSA Certified (File #LR3413)
- UL 244A Tested (and others where applicable)

**MATERIAL CHARACTERISTICS**

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



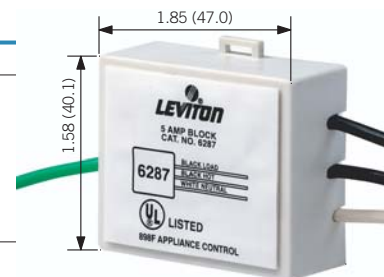
## DHC Residential Grade Network Integrity Products

### DHC Network Integrity Products

DESCRIPTION	CAT. NO.
<p><b>Noise Block</b>—The 6287 is designed for use with DHC switch modules that include a means for connection to neutral. This device may be wired on the LOAD side of a DHC switch module (except 6383), or on the LINE side of any fixture using an electronic ballast, a low-voltage ballast, or any noise-generating source that does not require more than 5A 120V AC. The 6287 prevents interference generated by fixture components from interfering with DHC signals.</p> <p><b>Rated:</b> 5A 120V 60Hz AC only.</p>	6287
<p><b>Plug-in Noise Filter</b>—electrical appliances may generate “noise” that could interfere with proper signal transmission. When the offending appliance is isolated and plugged into the 6288 Noise Filter, which is in turn plugged into a receptacle, stray noise is filtered out, ensuring a clear signal. Color: Brown.</p> <p><b>Rated:</b> 5A 120V 60Hz AC only.</p>	6288
<p><b>In-Line Noise Reducer</b>—the 6289 Noise Reducer filters electrical “noise” and signals with frequencies above and below the 121 kHz signal. The 6289 may be installed at the “noise” or signal source or at the module affected by the interference. Depending on the source of the interference, the 6289 may be wired phase to neutral or phase to phase.</p>	6289

### DHC Powerline Carrier Test Equipment

<p><b>Signal Strength Indicator</b>—Measures command signal strength at individual module locations. Minimum signal strength required for proper DHC Powerline Carrier component operation is 100mV.</p>	6386
--	------



6287



6288



6289



6386

#### SPECIFICATIONS AND FEATURES

- These devices are designed to eliminate interference from appliances, electronic ballasts and home electronics in order to insure top performance from DHC systems
- Backed by a Limited Two-Year Warranty
- **Signal Strength Indicator**
- Signal strength testing equipment used to ensure proper operation of DHC system
- Backed by a Limited Two-Year Warranty

#### TESTING AND CODE COMPLIANCE


- NOM Certified (#057)
- UL Listed (E-66800)
- **Signal Strength Indicator**
- UL Listed (File #E-66800)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

#### MATERIAL CHARACTERISTICS


Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating  
 Operating Temperature: -40°C to 120°C

The L-100 Leviton Wiring Device Catalog is designed to help you find the device you're seeking in the quickest and easiest way possible. Most product sections are divided into three distinct categories in the following sequence—Industrial Grade, Commercial Grade and Residential Grade—and grouped according to amperage and voltage, lowest to highest. For example, if you need to order 15 Amp, 125 Volt Industrial Grade straight-blade duplex receptacles, begin your search with the main Table of Contents at the front of the book. Here you'll see that all straight blade receptacles are listed in Section G. Turn to Section G for a more detailed Table of Contents on the first page. Each section page contains product descriptions, ratings and catalog numbers. There are also helpful highlights including Specifications and Features, Testing and Code Compliance, Color listing, Material Characteristics and dimensioned color product photos. Any product page in the L-100 Catalog can be clearly copied or faxed to customers and prospects for use as a specific sheet or as part of a presentation.

The Quick Reference Guide follows the main Table of Contents to help you pinpoint and locate specific products. Technical Section V provides general product and test data, industry standards, NEMA configuration charts, a glossary of wiring device terms, ANSI architectural symbols and other related information. Specific catalog numbers are listed in the exhaustive index at the back of the catalog.



## 15 AMP 125 and 250V ~ 20 AMP 125 and 250V Industrial Grade Straight Blade Receptacles




**A** RATING  
**B** Choose GRADE, if appropriate  
**C** DIMENSIONED PHOTOGRAPH  
**F** DESCRIPTION


**Back and Side Wired** (Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
LEVSPEC® Duplex Receptacle, Brass Strap	5262 I, W, GY, R, E	5662 I	5362 I, W, GY, R, E	5462 I, GY
Single Receptacle	5261 I, W, GY	5661 I	5361 I, W, A, T, GY	5461 I, A, T, GY
Narrow Body Duplex Receptacle	5252 I, W, A, T, GY, R, BU		5352 I, W, A, T, GY, R,	

**E** CATALOG NUMBER  
**G** Check for NEMA CONFIGURATION




**C** DIMENSIONED PHOTOGRAPH  
**D** WIRING/CERTIFICATIONS




5362-IG


**For complete wallplate selection, see Section E.**




80703-IG



80703-I




80704-GY




80716-R


**STAINLESS STEEL**



84003-40



84004-40



84016-40

**H** WALLPLATE REFERENCE, if appropriate

**I** SPECIFICATIONS & FEATURES

**Back & Side Wired Duplex**

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Single-piece brass mounting strap on LEVSPEC devices, multi-piece steel strap on other devices
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- Back and side-wiring options
- Brass terminal screws to reduce conductor oxidation
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamp for superior contact and conductivity

**J** TESTING AND CODE COMPLIANCE

**TESTING AND CODE COMPLIANCE**

- UL Listed 498 (UL File #13399); UL Federal Specification WC-596

**K** COLOR LISTING

**\*COLOR**

Basic Cat. Nos. shown above denote Brown device, except for Isolated Ground (-IG) devices Basic Cat. No. denotes Orange. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Brown (For IG devices only, add -B), Almond (-A), Light Almond (-T), Gray (-G or -GY), Black (-E), Red (-R) and Blue (-BU; for IG devices only, add -BIG)

**L** MATERIAL CHARACTERISTICS

**MATERIAL CHARACTERISTICS**

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60° C maximum continuous

- |                                       |  |                                      |
|---------------------------------------|--|--------------------------------------|
| <b>A</b> RATING                       | <b>E</b> CATALOG NUMBER                      | <b>I</b> SPECIFICATIONS & FEATURES   |
| <b>B</b> Choose GRADE, if appropriate | <b>F</b> DESCRIPTION                         | <b>J</b> TESTING AND CODE COMPLIANCE |
| <b>C</b> DIMENSIONED PHOTOGRAPH       | <b>G</b> Check for NEMA CONFIGURATION        | <b>K</b> COLOR LISTING               |
| <b>D</b> WIRING/CERTIFICATIONS        | <b>H</b> WALLPLATE REFERENCE, if appropriate | <b>L</b> MATERIAL CHARACTERISTICS    |

How To Use This Catalog



# Multimedia Structured Cabling Systems

## INDEX

<b>Quick Reference Guide</b> .....	L2
<b>Connectors</b>	
QuickPort® .....	L3–L5
Fiber Optic .....	L6, L7
Connector Bezels .....	L8
<b>Wallplates and Housings</b>	
QuickPort .....	L9–L17
Acenti® .....	L18
Standard Telephone/Video Jacks .....	L19–L23
Workstation Accessories .....	L24
<b>Copper Components</b>	
Patch Panels .....	L25–L30
110-Style .....	L31–L36
66-Block .....	L37–L39
<b>Fiber Components</b>	
Enclosures .....	L40–L44
Accessories .....	L45–L48
<b>Enclosures</b>	
Telecommunications .....	L49, L50
Wireless Access Point .....	L51
<b>Cable Management</b>	
Versi-Duct™ .....	L52
Hook and Loop .....	L53
Rack and Frame .....	L54–L56
<b>Labeling Products</b>	
.....	L57, L58
<b>Tools and Accessories</b>	
Punchdown/Termination .....	L59
Fiber .....	L60–L62
Tone Test .....	L63
Crimping/Stripping .....	L63
Craftsperson's Handset .....	L64
Modular Plug Breakout Adapter .....	L64



# MULTIMEDIA STRUCTURED CABLING DEVICE FEATURES

## Quick Reference Guide

The following terms and logos are used throughout this section to help users quickly identify special product features.

### eXtreme® 6+



Leviton's Category 6 solution with patented Retention Force Technology. Includes connectors, patch cords and a variety of patch panels. Exceeds TIA specifications for channel, permanent link and component-rated Category 6 systems.

### GigaMax™ 5e



Leviton's Category 5e channel and component rated solution. Includes connectors, patch cords and a variety of universal and pre-configured panels. Exceeds TIA specifications for channel-and component-rated Category 5e systems.

### Category 5



Leviton's Category 5 solution for fast reliable voice and data applications from frame to workstation. Includes connectors, patch cords and universal panels. Exceeds TIA specifications for channel and category-rated Category 5 systems.

### Opt-X®



Opt-X is Leviton's full solution Fiber Optic System incorporating a wide range of fiber optic components, including adapters, mounting plates, connectors, enclosures, cable assemblies, tools, consumables and workstation products with features and options to meet all types of customer and application needs.

### Thread-Lock®

Award-winning Thread-Lock mechanical connectors are part of Leviton's full line of connectors. Ideal for quick installations, the reusable connectors make field-installation simple and cost-effective.

### Fast-Cure

Reliable, cost-effective fiber optic connectors with quick, adhesive termination featuring precision pre-radiused zirconia ferrules, high retention strength, and patented non-optical disconnect spacer design.

### Versa-Cleave™

The Versa-Cleave tool is your award-winning solution for cleaving fiber perfectly every time.

### Versi-Duct™

Leviton's versatile horizontal and vertical slotted duct system for fiber and copper cable organization and management. A high-quality system with a variety of solution-based accessories.

### Label/Ware™

A TIA/EIA-606-A compliant tool to label and help identify your cabling infrastructure.

### 110 ChannelMax™

110 channel duct allows extra space for routing cables by increasing the vertical channel depth to 3 or 5 inches.

### Retention Force Technology™

Patented features included in eXtreme 6+ and Gigamax 5e+ products, which provide enhanced connection integrity and promote consistent performance over the life of the system. Increased wire retention reduces time contact failure. Improved gas-tight connection prevents corrosion.

### QuickPort®

Leviton's extensive line of snap-in modules allows complete field-configurability for the installer. Leviton QuickPort housings, such as wallplates, MOS housings and modular furniture faceplates, can be configured with a custom combination of QuickPort modules which easily snap in or out of ports.



### Decora®

The original Decora QuickPort module wallplate is designed to match Decora electrical devices manufactured by Leviton.

### Lifetime Performance Warranty



Leviton Voice & Data Division offers a Lifetime Performance Warranty when approved components are installed by a Leviton Certified Installer through the Certified Cabling System (CCS) program.

### TIA Guidelines

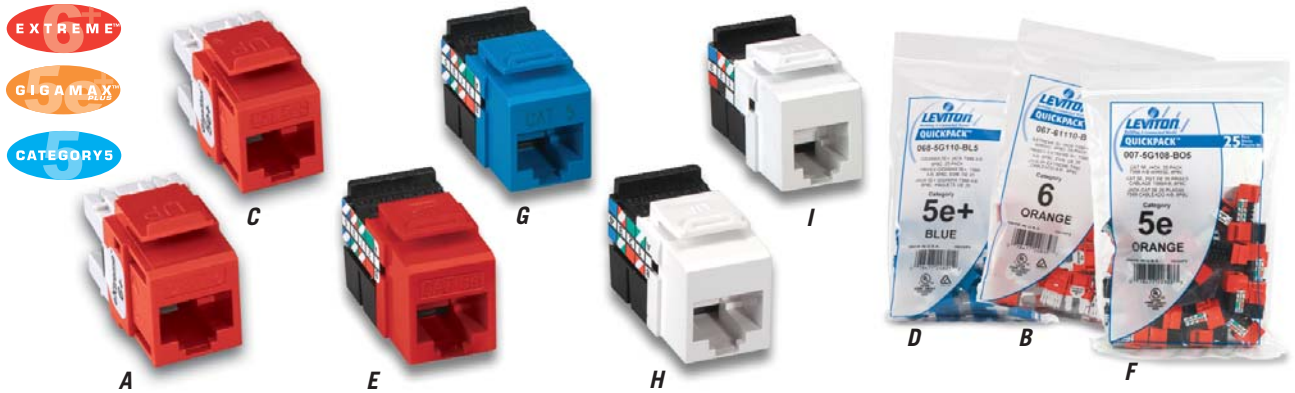
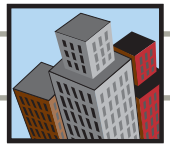
The TIA, or Telecommunications Industries Association, is the industry regulatory body which defines industry standards, such as the following:

- TIA/EIA-568-B:** Commercial Building Telecommunications Cabling Standard
- TIA/EIA-569-B:** Commercial Building Standards for Telecommunications Pathways & Spaces
- TIA/EIA-570-B:** Residential and Light Commercial Wiring Standard
- TIA/EIA-606-A:** Administration Standard for the Telecommunications Infrastructure of Commercial Buildings
- TIA/EIA-607:** Telecommunications Bonding and Grounding Standard

### Styles, Features, etc.

These color bars are found throughout this catalog to indicate additional information about a given product. They point out unique features and configurations, or other technical notes to help you in understanding, choosing or using Leviton products.

- STYLES
- FEATURES
- TESTING AND CODE COMPLIANCE
- \*COLOR
- MATERIAL CHARACTERISTICS

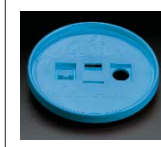


## QuickPort Snap-In Connectors for UTP Copper cable

**A-I** The cornerstone of our superior copper structured cabling systems — eXtreme® 6+, GigaMax™ 5e+, GigaMax 5e, Category 5 and Category 3 snap-in connectors feature dual-color-coded wiring labels with both T568A and T568B wiring patterns, for dual flexibility in a single connector, plus fast, accurate termination of station wiring.

Voice Grade Connectors are available in 6- or 8-conductor USOC styles. eXtreme 6+ component-rated and GigaMax 5e connectors feature patented Retention Force Technology™ for consistent performance and a rear termination field for easy termination while installed in a wallplate or field-configurable panel. Connectors feature standard QuickPort compatibility and are available in 13 colors for matching or color-coding.

All modules meet or exceed industry standards. All category-rated connectors are fully compliant with published TIA-568-B requirements. All other QuickPort connectors and modules are UL certified and are fully compliant with NEC® Article 800.



Use a Leviton Field-Termination Coaster to quickly and easily punch down wires on any Leviton Category or Multimedia Connector. For more information, call Sales Support at 1-800-922-6229.

## Color Choices



## Quickport Snap-In Connectors

### eXtreme® 6+ Snap-In Connectors cULus

DESCRIPTION	CAT. NO.
[A] 8-conductor eXtreme 6+ component-rated connector†	61110-R*6
[B] 8-conductor eXtreme 6+ component-rated connectors QuickPack™ (25 per pack)	61110-B*6

### GigaMax™ 5e Snap-In Connectors cULus

DESCRIPTION	CAT. NO.
[C] 8-conductor GigaMax 5e+ component-rated connector†	5G110-R*5
[D] 8-conductor GigaMax 5e+ component-rated connectors QuickPack™ (25 per pack)	5G110-B*5
[E] 8-conductor GigaMax 5e channel-rated connector†	5G108-R*5
[F] 8-conductor GigaMax 5e channel-rated connectors QuickPack™ (25 per pack)	5G108-B*5

### Category 5 Connectors

DESCRIPTION	CAT. NO.
[G] 8-conductor Category 5 connector	41108-R*5

### Category 3 Connectors

DESCRIPTION	CAT. NO.
[H] 8-conductor connector†	41108-R*3

### Voice Grade Connectors

DESCRIPTION	CAT. NO.
[I] 6-conductor USOC connector†	41106-R*6
8-conductor USOC connector†	41108-R*8

Note: Protect your Category 5e and 6 connectors from damage and debris with Leviton's field installable Shutters and Icons. See Labeling Products Page L58.

† Note: Also available in Light Almond (\*T\*)

## \*COLOR/CONNECTORS

For color selection, add suffix to catalog number as follows: Ivory (I), White (W), Gray (G), Black (E), Orange (O), Blue (L), Crimson Red (C), Yellow (Y), Green (V), Purple (P), Almond (A), Light Almond (T), Brown (B), Dark Red (R).

## MATERIAL CHARACTERISTICS

- All module bodies are fire-retardant plastic rated UL 94V-0
- Jack spring contacts are the highest quality phosphor bronze, plated with 50 microinches of gold over 100 microinches of nickel for lowest contact resistance, maximum life

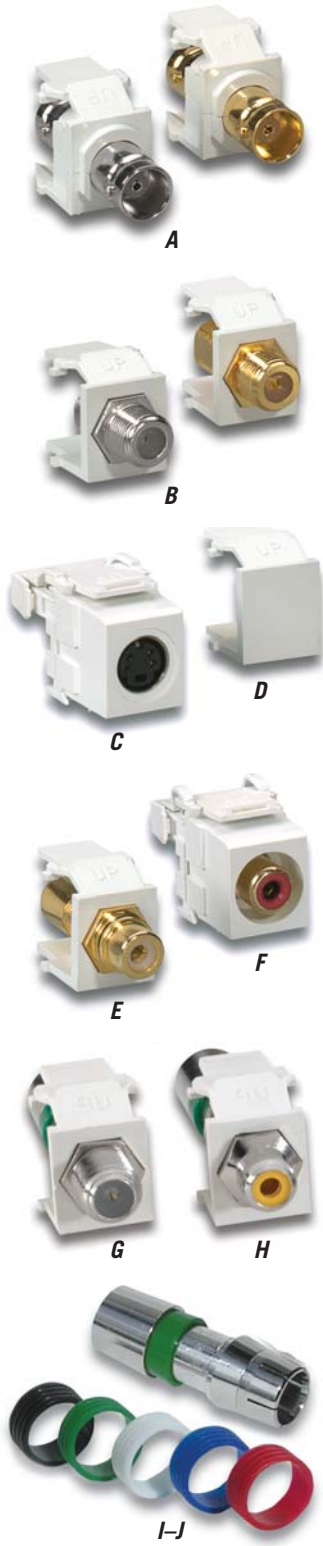
## TESTING AND CODE COMPLIANCE

- All category-rated connectors comply with TIA-568-A requirements
- UL Listed
- Fully compliant with NEC Article 800
- Meet FCC Part 68





# QUICKPORT® SNAP-IN for AUDIO/VIDEO



## Quickport Snap-In Adapters & Connectors for Audio/Video

Mix & match QuickPort Snap-In Audio/Video Adapters and Connectors to create a customized multimedia center. Make connections with standard industry tools. For Compression Connectors, use Leviton's Master Compression Tool.

- A BNC QuickPort Adapter:** Gold-plated female-to-female connector with twist-on front and rear connections using BNC plugs. Applications: high-end video, home theater, CCTV, LAN. Cable: shielded video & data cable.
- B F-Type QuickPort Adapter:** Nickel or gold-plated female-to-female connector with screw-on front and rear connections. Applications: TV, VCR, DVD, satellite, home theater. Cable: coaxial cable terminated with "F" plugs.
- C S-Video QuickPort Connector:** Flush-mount S-Video connector on the front with 110 punchdowns on the rear. Applications: audio/video, conference rooms, classrooms, computers, projectors. Cable: UTP Category 5, 5e or 6 cable.
- D QuickPort Blank Inserts:** Cover up unused QuickPort housing openings. Order in packages of 10.
- E RCA QuickPort Adapters:** Black, yellow or red striped color-coded module for front and rear connections using RCA plugs. Applications: audio/video, home theatre. Cable: shielded audio/video cable with terminated RCA plugs.
- F RCA-110 QuickPort Connector:** Standard RCA connector on the front with 110 punchdowns on the rear. Applications: audio/video, VCR, DVD, computers and gaming consoles. Cable: UTP Category 5, 5e or 6 cable.
- G, H F-Type and RCA QuickPort Compression Connectors:** Time saving solution for robust terminations right at the wall plate. Applications: HDTV, cameras, component video, CATV and satellite signal delivery. Cable: RG6 Quad.
- I, J RCA and F-Type Compression Connectors:** Female style connectors feature radial crimp for increased audio/video signal integrity. Applications: HDTV, cameras, component video, CATV and satellite signal delivery. Cable: RG6 Quad.

All modules meet or exceed industry standards. All QuickPort connectors and modules are UL certified, fully compliant with NEC® Article 800, and meet FCC Part 68.

For product specifications and recommendations, please visit our web resource at [www.levitonvoicedata.com/speccdesign](http://www.levitonvoicedata.com/speccdesign).

## Quickport Snap-In Modules

### Audio/Video Adapters

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. ALMOND	CAT. NO. BLACK	CAT. NO. GRAY
[A] BNC Adapter, nickel-plated† BNC Adapter, gold-plated	41084-BIF 40832-OB1	41084-BWF 40832-OBW	41084-BAF 40832-OB A	41084-BEF —	41084-BGF —
[B] F-type Adapter, nickel-plated† F-type Adapter, gold-plated	41084-FIF 40831-OB1	41084-FWF 40831-OBW	41084-FAF 40831-OB A	41084-FEF —	41084-FGF —
[C] S-Video module, 110 termination	40734-SVI	40734-SVW	40734-SVA	40734-SVE	40734-SVG
[D] Blank Insert (pack of 10)†	41084-BIB	41084-BWB	41084-BAB	41084-BEB	41084-BGB
[E] RCA Jack, gold-plated w/black stripe	40830-BIE	40830-BWE	40830-BAE	—	—
RCA Jack, gold-plated w/red stripe	40830-BIR	40830-BWR	40830-BAR	—	—
RCA Jack, gold-plated w/yellow stripe	40830-BIY	40830-BWY	40830-BAY	—	—
[F] RCA-110 Connector	40735-R*I	40735-R*W	40735-R*A	40735-R*E	40735-R*G

Part numbers shown are for individual polybag packages in standard cartons. Some carded and contractor packs also available. Call customer service at 1-800-722-2082.

† Note: Also available in Light Almond (\*T\*)

### Compression Connectors and Adapters

DESCRIPTION	CAT. NO. F-STYLE	CAT. NO. RCA
[G-H] QuickPort Compression Connectors	40782-CPF	40782-R*W
[I-J] Compression Connectors	40985-CPF	40985-CRU

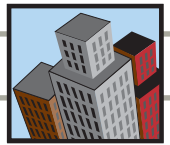
Note: See Tools & Accessories Page L59 for Master Compression Tool.

#### \*COLOR/CONNECTORS

For color selection, add suffix to catalog number as follows: [F] RCA-110 Connector Inner Barrel Color—Orange (O), Red (R), White (W), Yellow (Y). [G-H] Insert Color—Red (R), Black (E), Yellow (Y), Blue (L), Green (V).

#### MATERIAL CHARACTERISTICS

- All module bodies are fire-retardant plastic rated UL 94V-0



## Quickport Snap-In Adapters & Connectors for Audio

- A, B Banana Jack Adapters:** One black striped or one red striped color-coded module per unit pack. Screw-on rear-side connections. Front-side connections use standard banana plugs. Applications: speaker connections. Cable: speaker wire terminated with banana plugs.
- C, D Binding Post Adapters:** One black striped or one red striped color-coded module per unit pack. Screw-on rear-side connections. Optional front-side connections—either screw-on or push-in—for banana plugs, speaker tip, spade tip, or bare wire. Applications: audio speaker connections. Cable: speaker wire.

All modules meet or exceed industry standards. All QuickPort connectors and modules are UL certified, fully compliant with NEC® Article 800, and meet FCC Part 68.

## Quickport Snap-In Modules

### Audio Adapters

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. ALMOND	CAT. NO. LIGHT ALMOND
[A] Banana Jack Adapter, gold-plated w/black stripe	40837-BIE	40837-BWE	40837-BAE	—
[B] Banana Jack Adapter, gold-plated w/red stripe	40837-BIR	40837-BWR	40837-BAR	—
[C] Binding Post Adapter w/black stripe	40833-BIE	40833-BWE	40833-BAE	40833-BTE
[D] Binding Post Adapter w/red stripe	40833-BIR	40833-BWR	40833-BAR	40833-BTR

Part numbers shown are for individual polybag packages in standard cartons. Some carded and contractor packs also available. Call customer service at 1-800-722-2082.

## Push-On, Twist-On & Crimp-On F Connectors

- E, F Push-On F-Connectors:** Quick, cost-effective 75 Ohm coaxial cable terminations, require no crimping tools. Quick and Universal versions accommodate RG-59, RG-6, and RG-6 Quad coax diameters.
- G-K 1-Piece and 2-Piece Crimp-On F-Connectors:** Terminates 75 Ohm coaxial cable with a crimp-on male F-Connector. 2-piece version with separate crimp ring, or one-piece version with crimp ring attached. Both RG-59 and RG-6 versions available. Crimping tool required.
- L, M Twist-On F-Connectors:** Twist-on male F-Connector for 75 Ohm coaxial cable. No crimping required. RG-59 and RG-6 versions.

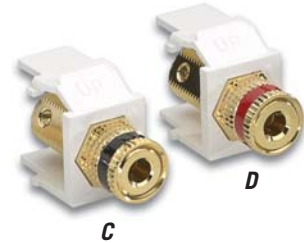
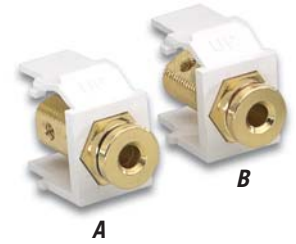
### Push-On, Crimp-On and Twist-On Connectors

DESCRIPTION	CAT. NO.
[E] Universal F-Connector (bag of 100 with installation tool)	40985-HPC
[F] Quick F-Connector (bag of 20 with installation tool)	40985-HPM
[G] One-piece Crimp-on for RG-6 quad shield (bag of 100)	40985-0Q6
[H] One-piece Crimp-on for RG-59 (bag of 100)	40985-1P9
[I] One-piece Crimp-on for RG-6 (bag of 100)	40985-1P6
[J] Two-piece Crimp-on for RG-59 (bag of 100)	40985-2P9
[K] Two-piece Crimp-on for RG-6 (bag of 100)	40985-2P6
[L] Twist-On Connector for RG-59 (bag of 100)	40985-TW9
[M] Twist-On Connector for RG-6 (bag of 100)	40985-TW6

Note: See Tools & Accessories Section Page L63 for Crimping Tool.

### MATERIAL CHARACTERISTICS

- All module bodies are fire-retardant plastic rated UL 94V-0







# FIBER OPTIC CONNECTORS

## Fiber Optic Connectors



### THREAD-LOCK® REUSABLE FIBER CONNECTORS, MULTIMODE AND SINGLEMODE

**A-C** Award-winning Thread-Lock Connectors, available in SC, FC and ST® styles, are reusable, field-terminable fiber optic connectors with a simple, craft-friendly installation. Use at the frame or workstation. No heat, epoxy or proprietary tools required. Feature silicone snap-on build-up sleeves for easy installation. Available in versions for use with 62.5/125 and 50/125 multimode or singlemode fiber cable. Each box of 50 connectors includes one tightening tool.

#### Thread-Lock Fiber Connectors

DESCRIPTION	CAT. NO. SINGLEMODE	CAT. NO. MULTIMODE
[A] SC Thread-Lock Connector	49884-SSC (blue)	49884-MSC (beige)
[B] FC Thread-Lock Connector	49883-SFC	49883-MFC
[C] ST Thread-Lock Connector	49882-SST	49882-MST

#### Thread-Lock Accessories

DESCRIPTION	CAT. NO.
[D] Silicon Build-up Sleeve Kit, includes one of each type of BUS (bag of 10)	49885-SBS
[E] SC Duplex Clip for Thread-Lock Connector, black (bag of 25)	49884-DPC

### MT-RJ FIBER CONNECTORS, MULTIMODE

**F, G** Leviton offers two styles of dual-polarity, field-configurable MT-RJ connectors. MT-RJ Workstation connectors offer innovative push-button fiber termination, and plug directly into our MOS adapters (see page L14). Frame-Station connectors use a cam technology to lock the fiber into a terminated position for use in frame or, with adapters, in the workstation. Both feature a pre-polished ribbon fiber ferrule that eliminates polishing. Fiber can be tested and reterminated before crimping.

#### MT-RJ Fiber Connectors

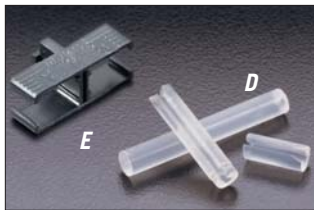
DESCRIPTION	CAT. NO.
[F] High-Density MT-RJ Frame-Station Connector, multimode, 62.5 µm	49888-6SF
High-Density MT-RJ Frame-Station Connector, multimode, 50.0 µm	49888-5SF
[G] High-Density MT-RJ Workstation Connector, multimode, 62.5 µm	49888-6SW
High-Density MT-RJ Workstation Connector, multimode, 50.0 µm	49888-5SW



A



B



D

E

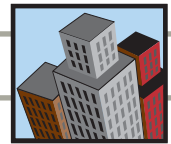


F

G



For a complete listing of Fiber Optic Tools, see the Tools section, Pages L60-L62.



## Fast Cure Adhesive Connectors

**A-D** Leviton Fast-Cure adhesive connectors, available in ST, SC, FC, and LC styles, are reliable, cost-effective fiber optic connectors with quick, adhesive termination. Feature precision pre-radiused zirconia ferrules, high cable retention crimp, and patented non-optical disconnect spacer design. Available in multimode or singlemode versions.

### Adhesive Connectors

DESCRIPTION	CAT. NO. SINGLEMODE	CAT. NO. MULTIMODE
[A] ST Fast Cure Connector	49990-SST	49990-MST
[B] SC Fast Cure Connector	49990-SSC	49990-MSC
[C] FC Fast Cure Connector	49990-SFC	49990-MFC
[D] LC Fast Cure Connector with 3mm boot	49990-SL2	49990-ML2
LC Fast Cure Connector with .9mm boot	49990-SDL	49990-MDL

### Fast Cure Accessories

DESCRIPTION	CAT. NO.
[E] SC Duplex Clip for Fast Cure Connector, black (bag of 25)	49886-DSC
[F] LC Duplex Clip for Fast Cure Connector, blue (bag of 25)	49886-DLS
[G] LC Duplex Clip for Fast Cure Connector, beige (bag of 25)	49886-DLM

## Quickport® Snap-In Fiber Adapters

**H-M** Leviton offers QuickPort adapters to bring Thread-Lock and Fast-Cure fiber to any QuickPort wallplate or housing. FC, SC, ST, LC and MT-RJ adapters, in various colors.

### Fiber Adapters

DESCRIPTION	CAT. NO.
[H] Keystone Adapter for Frame-Station Connector, dual-polarity	49889-KMA
[I] QuickPort Frame-Station Adapter, for Frame-Station Connector	49889-QF*
[J] QuickPort ST Fiber Optic Adapter, SM/MM, Phos. Bronze Sleeve†	41084-S*F
QuickPort ST Fiber Optic Adapter, SM/MM, Zirconia Sleeve	41084-S*Z
[K] QuickPort Simplex FC Fiber Optic Adapter, SM/MM, Phos. Bronze Sleeve	41084-F*P
QuickPort Simplex FC Fiber Optic Adapter, SM/MM, Zirconia Sleeve	41084-F*Z
[L] QuickPort Multimode Simplex SC Adapter Module, Phos Bronze	41085-M*C
QuickPort Singlemode Simplex SC Adapter Module, Zirconia Ceramic	41085-S*C
[M] QuickPort Duplex LC Adapter, SM/MM, Phos. Bronze Sleeve	41085-ML*
QuickPort Duplex LC Adapter, SM/MM, Zirconia Ceramic Sleeve	41085-SL*

[H] Use with MOS 1 Port Adapter 41291-1M\* Page L15

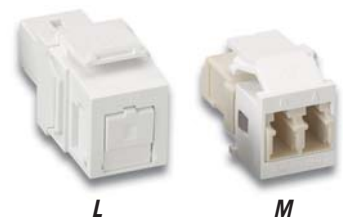
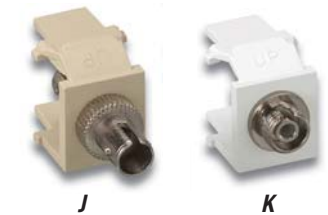
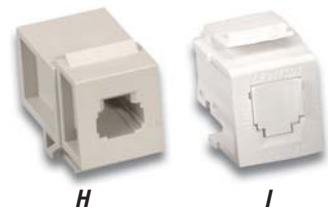
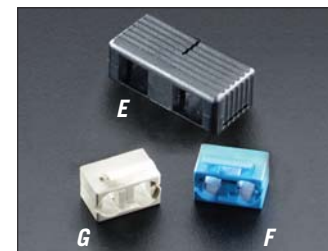
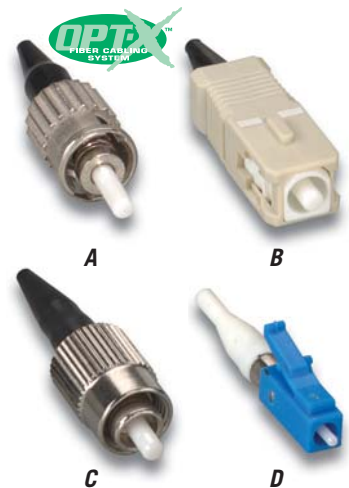
† Note: Cat. No. 41084 also available in Light Almond (-STF)

#### \*COLOR/FIBER ADAPTERS

[H-M] For color selection, add suffix to catalog number as follows: Ivory (I), White (W), Gray (G), Black (E).



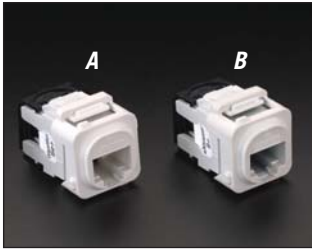
Leviton QuickPort fiber adapters fit into any Leviton QuickPort wallplate or housing, providing a high-density fiber-to-the-workstation solution, see pages L9-L18 for workstation options.



Leviton's Fiber Optic Consumables Kits provide the products you need to quickly and efficiently polish, clean and terminate all our fiber connectors. See Page L61.



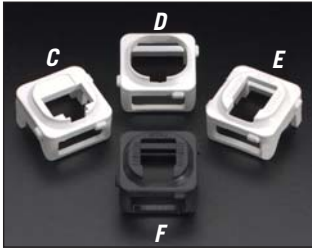
## CONNECTOR BEZELS



### Connector Interface Bezel

Adapt a variety of connector styles to Clipsal and HPM wallplates with this series of snap-on bezels. 8-Pin Connector Interface Bezels are suitable for any QuickPort® Category 5, 5e and 6 Connectors. MT-RJ Connector Interface Bezels work with Frame-Station Adapters. Multimedia Connector Interface Bezels can be used with QuickPort BNC, RCA, S-Video, Banana Jack, F-Connectors, Binding Posts, FC & ST Connectors. *NOTE: BEZELS DO NOT ACCOMMODATE QUICKPORT SHUTTERS*

#### Connector Bezels A-Tick



DESCRIPTION	CAT. NO.
[A] 8-Pin Connector Interface Bezel and eXtreme® 6+ connector (w/Leviton logo)	<b>61110-A*6</b>
[B] 8-Pin Connector Interface Bezel and GigaMax™ 5e+ connector (w/Leviton logo)	<b>5G110-A*5</b>
[C] 8-Pin Connector Interface Bezel, white	<b>BEZEL-WHT</b>
[D] Multimedia Connector Interface Bezel, white	<b>BEZEL-MBW</b>
[E] MT-RJ Connector Interface Bezel, white	<b>BEZEL-MTW</b>
[F] MT-RJ Connector Interface Bezel, black	<b>BEZEL-MTE</b>

*\*Color choices for connector and bezel include all colors found on page L3. Some colors must be special ordered and require a lead time. Contact your local representative for more information. Most common bezel/connector colors are shown below.*



White(W)

Gray(G)

Black(E)

Orange(O)

Blue(L)

Crimson Red(C)

Yellow(Y)

Green(V)



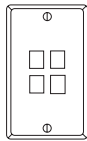
## QuickPort Flush Mount Wallplates and Inserts

Leviton offers one of the largest selections of field-configurable, flush mount wallplates and inserts available on today's market. They provide the adaptability and performance required in a voice/data wiring interface in a sleek low-profile wallplate.

Choose from a full range of materials and styles, including: nylon, urea and stainless steel; standard and midsize; single- and dual-gang; and Decora® designer styling. All Leviton flush mount devices fit standard NEMA openings for easy installation on new or existing wallboxes.

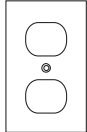


## Styles



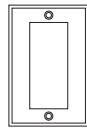
### QuickPort

Wallplates with standard-sized openings designed to accommodate QuickPort connectors or adapters.



### Flush Mount

Wallplates designed to fit smoothly against a wall, with a minimum profile.



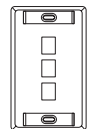
### Decora®

Wallplates with standard-sized openings designed to accommodate Decora Inserts.



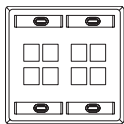
### Decora Insert

Standard, Decora-sized inserts designed to adapt high and low voltage applications to a single wallplate profile.



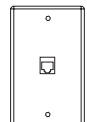
### Single-gang

The standard wallplate width of 2.75" W x 4.53" H.



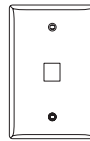
### Dual-Gang

The standard double wallplate width of 4.625" W x 4.53" H.



### Wall Jack

A wallplate preconfigured with some kind of connector or adapter.



### Midsize

A wider (3.12" W x 4.87" H) single-gang wallplate designed to disguise flaws in drywall or provide a designer silhouette.



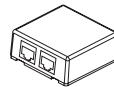
### Type 106 (Duplex)

The Standard NEMA-style form, with two openings, which is most common among electrical outlets.



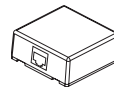
### Type 105 (Single)

The Standard NEMA-style form with one opening—less common than the Type 106.



### Type 104 (Duplex)

A NEMA-style of surface-mount box, with two outlets or openings, common for use with telephone jacks on walls or along baseboards.



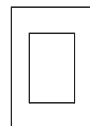
### Type 103 (Single)

Identical to the type 104 box, but featuring only one outlet.



### Acenti™ Insert

QuickPort inserts designed to snap into Acenti wallplates.



### Acenti Wallplate

Sleek, low-profile plates available in 1–6 gang styles accept a variety of QuickPort and other inserts for voice, data, electro-mechanical, lighting control, GFCI and more.



# QUICKPORT® DECORA® MULTIMEDIA INSERTS



Wallplates and Housings



*For Decora-style F-connector and Telephone Wall Jack Inserts, see page L20.*

## QuickPort Decora Multimedia Inserts

**A** Combine voice, data, audio and video in one compact, attractive Decora wallplate. QuickPort Decora Wallplate Inserts offer designer style to match Leviton Decora electrical switches and outlets, with the capacity and flexibility to support high-tech communications for boardrooms or workstations. QuickPort snap-in modules fit neatly into a single gang Decora wallplate and can be combined with Decora electrical devices (with a barrier box) in a multi-gang wallplate. Simply snap in the QuickPort connectors of your choice to customize multimedia options. Compatible with all standard Decora wallplates and Decora Plus snap-on wallplates with hidden mounting screws and standard NEMA openings. UL Listed and CSA Certified.

### QuickPort Decora Multimedia Inserts

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY	CAT. NO. BLACK	CAT. NO. ALMOND	CAT. NO. BROWN
2-Port Insert†	41642-00I	41642-00W	41642-00G	41642-00E	41642-00A	41642-00B
3-Port Insert†	41643-00I	41643-00W	41643-00G	41643-00E	41643-00A	41643-00B
4-Port Insert†	41644-00I	41644-00W	41644-00G	41644-00E	41644-00A	41644-00B
6-Port Insert†	41646-00I	41646-00W	41646-00G	41646-00E	41646-00A	41646-00B
Blank Insert†	80414-00I	80414-00W	80414-00G	80414-00E	80414-00A	

### QuickPort 2-Port Insert/Connector Kits

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE
2-Port Insert w/two 6-conductor connectors	41666-00I	41666-00W
2-Port Insert w/two 8-conductor connectors	41688-00I	41688-00W

### Decora Plus Voice/Data Connectors with QuickPort Snap-In Modules

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE
Insert with one 6-conductor jack and one F-connector†	41658-00I	41658-00W
Insert with one 6-conductor jack and one 8-conductor jack	41668-00I	41668-00W

*Note: Order QuickPort Snap-In Modules on pages L3–L7. Configured versions also meet FCC Part 68.*

*† Note: Also available in Light Almond (00T)*

### Decora Wallplates

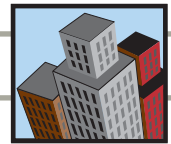
DESCRIPTION	CAT. NO. UREA	CAT. NO. NYLON	CAT. NO. DECORA PLUS SNAP-ON
Single-Gang Decora Wallplate	80401-00*	80401-0N*	80301-0S*
Dual-Gang Decora Wallplate	80409-00*	80409-0N*	80309-0S*
Three-Gang Decora Wallplate	80411-00*	80411-0N*	80311-0S*
Four-Gang Decora Wallplate	80412-00*	80412-0N*	80312-0S*

*Note: Additional Decora Wallplate ordering information can be found on page L9.*

#### \*COLOR/WALLPLATES

For color selection, add suffix to catalog number as follows: 1- and 2-Gang–Ivory (I), White (W), Gray (G), Black (E), Almond (A), Light Almond (T) and Brown (no additional suffix indicates Brown). 3-Gang–Ivory (I), White (W), Black (E), Almond (A) and Light Almond (T). 4-Gang–Ivory (I), White (W), Almond (A) and Light Almond (T).





## QuickPort Single- and Dual-Gang Wallplates

### QUICKPORT SINGLE-GANG MULTI-PORT WALLPLATES WITH OR WITHOUT DESIGNATION WINDOWS

**A, B** Single-gang flush mount wallplates offer field-configurable flexibility in an attractive single-piece housing. Fully compatible with all QuickPort Snap-in Modules including connectors or blank fillers. Options for port identification include LabelWare™ wallplate and housing labels, typed or handwritten labels for designation windows, or the use of different color QuickPort modules. All windows are field-label compatible, and cover the wallplate security screw. UL Listed, CSA Certified, and listed in compliance with NEC Article 800.

#### QuickPort Single-Gang Inserts

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY	CAT. NO. BLACK	CAT. NO. ALMOND	CAT. NO. BROWN
6-Port Wallplate*	41080-6IP	41080-6WP	41080-6GP	41080-6EP	41080-6AP	41080-6BP
4-Port Wallplate*	41080-4IP	41080-4WP	41080-4GP	41080-4EP	41080-4AP	41080-4BP
3-Port Wallplate*	41080-3IP	41080-3WP	41080-3GP	41080-3EP	41080-3AP	41080-3BP
2-Port Wallplate*	41080-2IP	41080-2WP	41080-2GP	41080-2EP	41080-2AP	41080-2BP
1-Port Wallplate*	41080-1IP	41080-1WP	41080-1GP	41080-1EP	41080-1AP	41080-1BP

\* Note: Cat. No. 41080 also available in Light Almond (41080-TP)

#### QuickPort Single-Gang Wallplates with Designation ID Windows

DESCRIPTION	NO. OF WINDOWS	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY	CAT. NO. BLACK
6-Port Wallplate	2	42080-6IS	42080-6WS	42080-6GS	42080-6ES
4-Port Wallplate	2	42080-4IS	42080-4WS	42080-4GS	42080-4ES
3-Port Wallplate	2	42080-3IS	42080-3WS	42080-3GS	42080-3ES
2-Port Wallplate	2	42080-2IS	42080-2WS	42080-2GS	42080-2ES
1-Port Wallplate	1	42080-1IS	42080-1WS	42080-1GS	42080-1ES

Note: Housings are sold empty. Snap-in Connectors must be ordered separately. (See pages L3-L7.)

### QUICKPORT DUAL-GANG MULTI-PORT WALLPLATES WITH DESIGNATION WINDOWS

**C** Dual-gang flush mount wallplates with designation windows are designed in a single-piece housing and a wide choice of port counts for maximum density. Field configure with any combination of QuickPort Snap-in Modules. Use different color QuickPort modules for port identification, or type or hand-write labels for designation windows. All windows are field-label compatible, and cover the wallplate security screw. QuickPort wallplates are UL Listed, CSA Certified, and listed in compliance with NEC Article 800.

#### QuickPort Dual-Gang Wallplates with Designation ID Windows

DESCRIPTION	NO. OF WINDOWS	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY	CAT. NO. BLACK
12-Port Wallplate	4	42080-12I	42080-12W	42080-12G	42080-12E
8-Port Wallplate	4	42080-8IP	42080-8WP	42080-8GP	42080-8EP
6-Port Wallplate	4	42080-6IP	42080-6WP	42080-6GP	42080-6EP
4-Port Wallplate	4	42080-4IP	42080-4WP	42080-4GP	42080-4EP
3-Port Wallplate	2	42080-3IP	42080-3WP	42080-3GP	42080-3EP
2-Port Wallplate	2	42080-2IP	42080-2WP	42080-2GP	42080-2EP
1-Port Wallplate	2	42080-1IP	42080-1WP	42080-1GP	42080-1EP

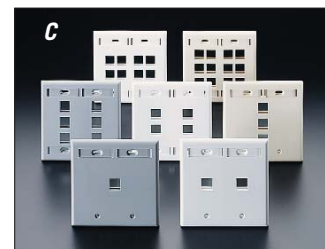
Note: Housings are sold empty. Snap-in Connectors must be ordered separately. (See pages L3-L7.)

### QUICKPORT MIDWAY WALLPLATES

**D** Midway wallplates provide QuickPort modularity with .375" more coverage than standard wallplates. Expanded silhouette provides designer look and easily hides irregular drywall cuts or flaws around outlets. The 4.875" x 3.125" plate is .375" wider and taller, and matches Leviton's Midway Wallplates for electrical devices and lighting controls. .25" depth ensures a clean fit with various devices. Crafted from durable, smooth-finish nylon, wallplates fit a single-gang electrical box. UL listed and CSA certified.

#### QuickPort Midway Single-Gang Wallplates, Nylon

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. ALMOND	CAT. NO. BROWN	CAT. NO. LT ALMOND
6-Port Midway QuickPort Wallplate	41091-6IN	41091-6WN	41091-6AN	41091-6BN	41091-6TN
4-Port Midway QuickPort Wallplate	41091-4IN	41091-4WN	41091-4AN	41091-4BN	41091-4TN
3-Port Midway QuickPort Wallplate	41091-3IN	41091-3WN	41091-3AN	41091-3BN	41091-3TN
2-Port Midway QuickPort Wallplate	41091-2IN	41091-2WN	41091-2AN	41091-2BN	41091-2TN
1-Port Midway QuickPort Wallplate	41091-1IN	41091-1WN	41091-1AN	41091-1BN	41091-1TN



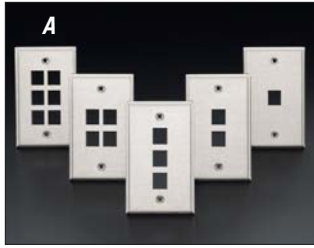
Professional-looking port identification is fast and simple with pre-printed labels. Sold on page L58.



Leviton's LabelWare™ System is TIA/EIA-606-A compliant and designed to help you label all our copper and fiber products. User-friendly software makes it quick, easy, and completely configurable. See page L57.



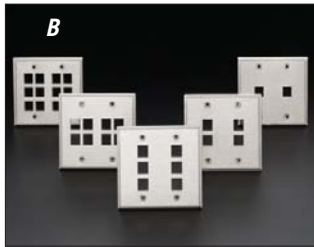
# QUICKPORT® STAINLESS STEEL WALLPLATES/WALLPLATE INSERTS



## QuickPort Stainless Steel Wallplates

### QUICKPORT STAINLESS STEEL SINGLE-GANG AND DUAL-GANG WALLPLATES

**A, B** Leviton's single-gang and dual-gang QuickPort Stainless Steel Wallplates provide elegant designer styling, and accept any QuickPort snap-in connector or adapter. Ideal in environments that demand a more durable, easy-to-clean solution. Use different color QuickPort modules or the LabelWare™ System for port identification. Fit standard NEMA electrical boxes. cULus Listed, meet FCC Part 68, and are listed in compliance with TIA/EIA-568-B.



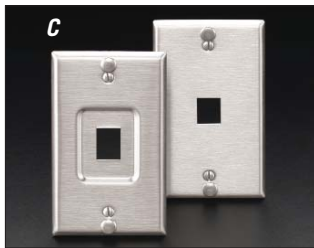
### QuickPort Stainless Steel Wallplates

DESCRIPTION	CAT. NO. 1-PORT	CAT. NO. 2-PORT	CAT. NO. 3-PORT	CAT. NO. 4-PORT	CAT. NO. 6-PORT	CAT. NO. 8-PORT	CAT. NO. 12-PORT
Single-Gang	43080-1S1	43080-1S2	43080-1S3	43080-1S4	43080-1S6	—	—
Dual-Gang	—	43080-2S2	—	43080-2S4	43080-2S6	43080-2S8	43080-S12

Note: Housings are sold empty. Snap-in Connectors must be ordered separately. (See pages L3–L7.)

### QUICKPORT STAINLESS STEEL WALLPHONE WALLPLATES

**C** Bring Stainless Steel elegance to your wallphone. Easily mount any standard wallphone on this sturdy, standard-sized wallplate with durable rivets. Single port accepts any Leviton QuickPort Connector. Recessed design fits cleanly with slide-rail mechanisms.



### QuickPort Stainless Steel Wallphone Wallplates

DESCRIPTION	CAT. NO.
Stainless Steel Wallphone Wallplate, recessed	4108W-1SP
Stainless Steel Wallphone Wallplate	4108W-OSP

Note: Leviton also offers Voice-Grade Wall Phone Jacks. (See pages L3–L7.)

## QuickPort Wallplate Inserts

### QUICKPORT DUPLEX/QUAD 106 INSERT

**D, E** The QuickPort Duplex and Quad 106 Units are ideal for applications where two or four individual modular ports are desired, within the standard '106/NEMA-style' outline that prevails among electrical outlets. Accepts all QuickPort Snap-in Modules and fits standard NEMA wallboxes and most floor boxes and monuments. A recess above each module port on the Duplex 106 Unit accommodates Leviton Designation Labels (page L55) or hand-written port ID. Uses standard duplex wallplates (sold separately, see Section E). UL & CSA listed and NEC Article 800 compliant.



### QuickPort Duplex 106 Insert

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY	CAT. NO. BLACK
QuickPort Duplex 106 Insert only	41087-2IP	41087-2WP	41087-2GP	41087-2EP
QuickPort Quad 106 Insert only	41087-QIP	41087-QWP	41087-QGP	41087-QEP

Note: Inserts are sold empty. Snap-in Connectors must be ordered separately. (See pages L3–L7.)



### QUICKPORT FLOOR JACK INSERT

**F** Rugged and fully field-configurable, this device provides point-of-use connectivity for a broad range of applications where convenience or building requirements dictate the use of a floor-mounted communications outlet. Each floorplate is made of .06" thick solid brass to hold up under heavy furniture or foot traffic. When not in use, a flush-fitting brass screw cap keeps internal components free from dirt and dust.

The two individual ports are configured easily with any combination of QuickPort Snap-in Modules. QuickPort floor jacks will fit standard metal boxes 3" x 2", 3" x 2½" and larger.

### QuickPort Duplex Floor Jack Insert with Brass Plate and Screw Cap



DESCRIPTION	CAT. NO.
Insert with one F-connector, one blank module, and brass plate w/cap	41650-00F
Insert with one 6-conductor connector, one blank module, and brass plate w/cap	41650-006
Insert with one blank module and brass plate w/cap	41652-000
Insert with two 6-conductor jacks and brass plate w/cap	41652-006
Insert with one 6-conductor connector, one F-connector, and brass plate w/cap	41652-06F

NOTE: Wallplate included with each QuickPort Floor Jack Insert.

# QUICKPORT® MODULAR FURNITURE FACEPLATES



## QuickPort Modular Furniture Faceplates

Bring a simple snap-in installation, attractive streamlined appearance and easy identification to your modular furniture environments. QuickPort Modular Furniture Faceplates accept all QuickPort Snap-In Modules—supporting virtually any application—and snap easily and snugly into standard modular furniture. Features faceplate windows with clear plastic covers that allow easy insertion of ID labels. Labor-saving QuickPort jack design and tool-less plate installation simplifies installations, adds, moves and changes, and allows access to the connectors without removing the furniture channel cover. Available in 2- and 4-port versions, and in four colors: ivory, white, gray and black. cULus Listed and A-Tick Certified.



QuickPort furniture faceplates come in many styles to fit all major modular furniture brands.



Steelcase Series



Herman Miller series (shown with 49910-SE4 and Herman Miller's "Reducer" G1189A)



Haworth® Panels

### Standard Modular Furniture Faceplates with ID Windows

DESCRIPTION	CAT. NO.	HERMAN MILLER	STEELCASE	HAWORTH	HON	OTHERS
2-Port	49910-S*2	●	●	●	●	●
4-Port (w/1 blank)	49910-S*4	●	●	●	●	●
4-Port Extended-depth† (w/1 blank)	49910-E*4	●	●	●	●	●

Note: Standard modular furniture faceplates above fit openings of approximately 1.38" x 2.63".

†4-port extended plate provides 1/2" added depth (3/4" total) for installation into shallow raceway channels, e.g., some powered channels.

● Compatible when used with Herman Miller G1189A Reducer available from Herman Miller dealers.

### Herman Miller Modular Furniture Faceplates

DESCRIPTION	CAT. NO.	HERMAN MILLER	STEELCASE	HAWORTH	HON	OTHERS
2-Port HM Faceplate†	49910-H*2	●	—	—	—	—
4-Port HM Faceplate (with 1 Blank)	49910-H*4	●	—	—	—	—

Note: Herman Miller faceplates above fit openings of approximately 1.88" x 2.98".

†Fits most Herman Miller furniture. To ensure compatibility with specific models call Applications Engineering.

#### \*COLOR/FACEPLATES

For color selection, add suffix to catalog number as follows: Ivory (I), White (W), Gray (G), Black (E).

#### MATERIAL CHARACTERISTICS

High-impact, fire-retardant, plastic rated UL 94V-0.

Wallplates and Housings





# QUICKPORT® MULTIMEDIA OUTLET SYSTEM (MOS)

## QuickPort Multimedia Outlet System (MOS)

The innovative QuickPort Multimedia Outlet System is designed to provide the highest level of application and installation flexibility for fiber optic and twisted-pair connectivity. It consists of a surface mount box and single- and dual-gang wallplates, which accept a variety of copper, fiber, and A/V QuickPort snap-in modules.

The MOS line is distinguished from other QuickPort housings by several features: front-load installation capability so that changes can be made without dismantling the entire device; duplex modules and fiber coupling types for SC, ST, MT-RJ and other applications; the addition of S-video and RCA adapters for high-definition audio/video; and design elements for enhanced routing, storage and bend radius protection of fiber and copper cabling. See individual product descriptions for more features.

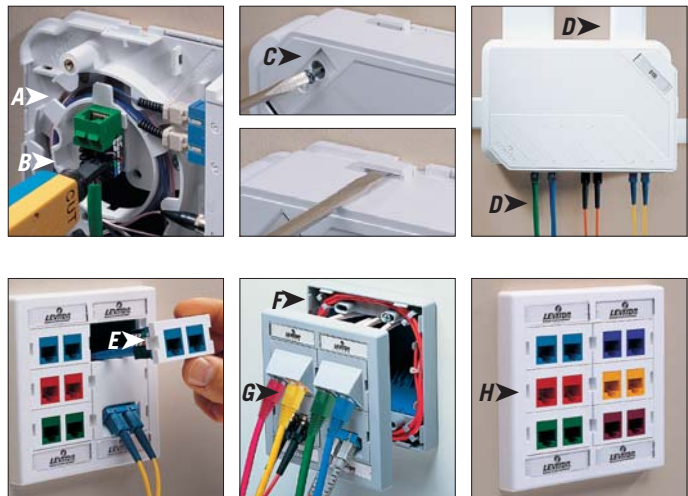
For product specifications and recommendations, please visit our web resource at [www.levitonvoicedata.com/specdesign](http://www.levitonvoicedata.com/specdesign).



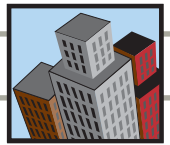
Wallplates and Housings

### Features and Benefits

- A** Multiple connector termination stations provide stabilized punchdown support.
- B** Leviton's exclusive dual rings store the fiber loop and provide multiple straight paths to each port.
- C** Single latch cover with security option restricts access if desired.
- D** Multi-directional mounting and raceway access allow complete installation flexibility.
- E** Front-loading inserts simplify configuration, while strong latches keep them in place during use.
- F** Fiber storage/spacer ring fits between wallbox/mud ring and MOS dual-gang plate for fiber loop storage and management.
- G** 45° angled jack insert optimizes bend radius compliance of cable exiting QuickPort® snap-in connectors.
- H** Load up to 12 devices in a dual-gang wallplate.







# QUICKPORT® MULTIMEDIA OUTLET SYSTEM (MOS)
















## QuickPort Multimedia Outlet System (MOS)























### MOS Surface Mount Boxes and Wallplates

	6-Port Surface Mount Box	41296-MM*
	Single-Gang Wallplate	41290-SM*
	Dual-Gang Wallplate	41290-DM*
	Fiber Storage/Spacer Ring	41290-DR*

### MOS Inserts for Surface Mount Boxes and Wallplates

	2-Port QuickPort Adapter, flush, (1 unit high)	41291-2Q*
	1-Port QuickPort Adapter, flush, (1 unit high)	41291-1M*
	1 S-video Insert Module, (1 unit high)	41291-1V*
	1 RCA Insert Module, 2-port, screw terminal (1 unit high) (red and white stripe)	41291-1R*
	1 RCA Insert Module, 3-port, female-to-female adapters (1 unit high) (yellow and white stripe)	41292-3R*
	1 HD-15 Insert Module, female-to-female (1 unit high)	41293-HD*
	1 Duplex ST® Coupling, (1 unit high) (phos. bronze sleeve)	41291-2T*
	1 Duplex ST® Coupling, (1 unit high) (zirconia ceramic sleeve)	41291-ZT*
	1 Duplex FC Coupling (1 unit high) (phos. bronze sleeve)	41291-PF*
	1 Duplex FC Coupling (1 unit high) (zirconia ceramic sleeve)	41291-ZF*
	1 Duplex SC Coupling (1 unit high) (phos. bronze sleeve)	41291-PC*
	1 Duplex SC Coupling (1 unit high) (zirconia ceramic sleeve)	41291-2C*
	Blank Module (1 unit high)	41291-1B*

### MOS Inserts for use with MOS Wallplates

	2-Port QuickPort Adapter, 45° exit (1.5 units high)	41294-2Q*
	Blank Module (0.5 unit high)	41295-5B*
	Blank Module (1.5 units high)	41294-2B*
	Blank Module (2 units high)	41292-2B*
	1 Duplex ST® Coupling 45° exit, SM/MM (1.5 units high) (phos. bronze sleeve)	41294-2T*
	1 Duplex ST® Coupling 45° exit, SM/MM (1.5 units high) (zirconia ceramic sleeve)	41294-ZT*
	1 Duplex FC Coupling 45° exit, SM/MM (1.5 units high) (phos. bronze sleeve)	41294-PF*
	1 Duplex FC Coupling 45° exit, SM/MM (1.5 units high) (zirconia ceramic sleeve)	41294-ZF*
	1 Duplex SC® Coupling 45° exit, SM/MM (1.5 units high) (phos. bronze sleeve)	41294-PC*
	1 Duplex SC® Coupling 45° exit, SM/MM (1.5 units high) (zirconia ceramic sleeve)	41294-2C*
	1 Duplex ST® Coupling 45° exit, SM/MM (2 units high) (phos. bronze sleeve)	41292-2T*
	1 Duplex ST® Coupling 45° exit, SM/MM (2 units high) (zirconia ceramic sleeve)	41292-ZT*
	1 Duplex FC Coupling 45° exit, SM/MM (2 units high) (phos. bronze sleeve)	41292-PF*
	1 Duplex FC Coupling 45° exit, SM/MM (2 units high) (zirconia ceramic sleeve)	41292-ZF*
	2 Duplex SC® Coupling 45° exit, SM/MM (2 units high) (phos. bronze sleeve)	41292-PC*
	2 Duplex SC® Coupling 45° exit, SM/MM (2 units high) (zirconia ceramic sleeve)	41292-2C*
	2 Duplex ST® Coupling 45° exit, SM/MM (3 units high) (phos. bronze sleeve)	41293-4T*
	2 Duplex ST® Coupling 45° exit, SM/MM (3 units high) (zirconia ceramic sleeve)	41293-ZT*
	2 Duplex FC Coupling 45° exit, SM/MM (3 units high) (phos. bronze sleeve)	41293-PF*
	2 Duplex FC Coupling 45° exit, SM/MM (3 units high) (zirconia ceramic sleeve)	41293-ZF*
	2 Duplex SC® Coupling 45° exit, SM/MM (3 units high) (phos. bronze sleeve)	41293-PC*
	2 Duplex SC® Coupling 45° exit, SM/MM (3 units high) (zirconia ceramic sleeve)	41293-4C*

#### \*COLOR/INSERTS and WALLPLATES

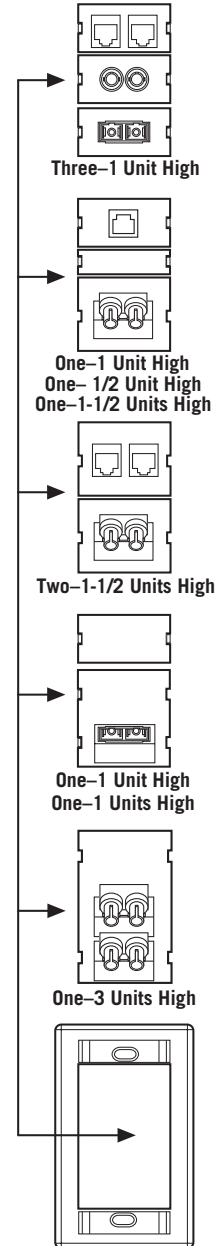
For color selection, add suffix to catalog number as follows: Ivory (I), White (W), Gray (G), Black (E).

#### MATERIAL CHARACTERISTICS

High-impact, fire-retardant, plastic rated UL 94V-0.

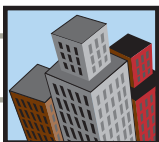
## Styles

Configurations for MOS Wallplates



Wallplates and Housings





## QUICKPORT® SURFACE MOUNT HOUSINGS

### QuickPort Surface Mount Housings

Leviton's surface mount housings offer fast, economical installation and field configuration for applications where it may not be practical to add a wallbox, such as modular furniture environments or retrofit situations. As with all QuickPort field-configurable products, you configure the housing to your specific needs using Snap-In Modules—easily rearranged if applications change. These housings can be adapted for mounting on all types of surfaces, including walls and furniture with tape or screws (both included); modular furniture with a modular furniture bracket (page L24); or to metal surfaces with magnets (page L24).

Note: Identify all your connections with Leviton LabelWare System wallplate and housing labels (See page L57.)

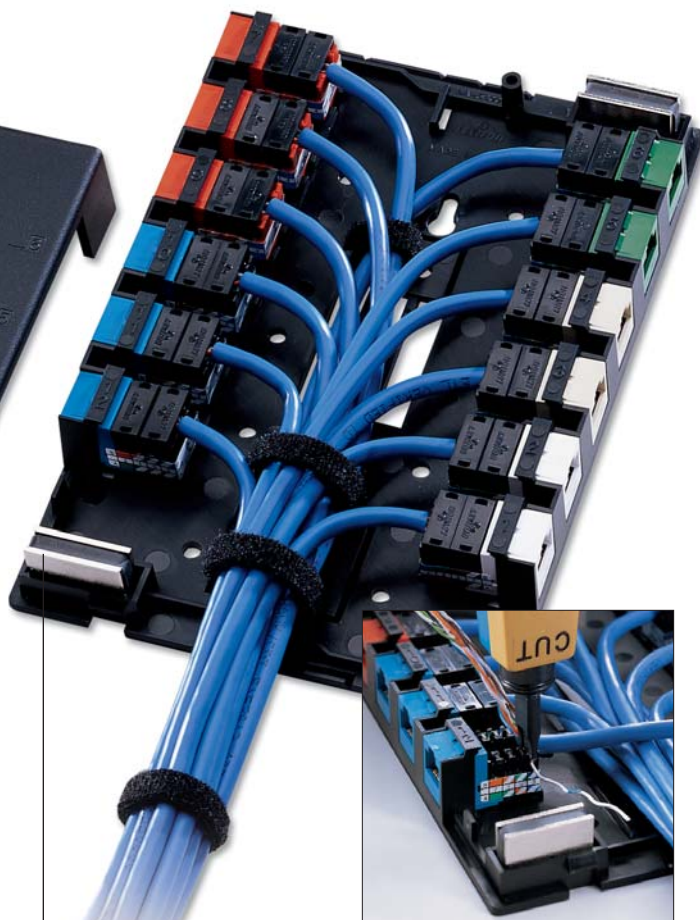
Designation window accepts hand-written indications, field-printed labeling systems, Leviton LabelWare™ or pre-printed port ID labels (see page L57).



4-, 6- and 12-port housing feature raceway knockouts on all non-ported sides which are compatible with major raceway brands.

For large installations, silkscreen the cover with words, numbers, icons or company logos. Call Applications Engineering for advice on artwork and minimum quantity requirements.

Port identification areas reside next to numbered ports.



In-port connector termination stations provide stability during punchdown.

4-, 6- and 12-port surface-mount housings are compatible with Leviton's modular furniture mounting brackets and magnets (see page L24).





## QuickPort 1-, 2-, 4-, 6-, and 12-Port Surface Mount Housings

**A–E** Leviton has a surface mount housing to suit your need. 1-, 2-, 4-, 6- and 12-Port housings are easily field configured with QuickPort Snap-in Modules (sold separately, pages L3–L7). The 2-port version comes with a blank filler to cover and protect one unused opening. The 4- and 6-port housings are sized to completely cover a single-gang NEMA wallbox opening, while the 12-port fits over a single- or dual-gang NEMA box opening. Housings contain knockouts to accommodate raceway and cable entry, with built-in strain relief to assure undisturbed connections, and easy cover latches allow easy adds, moves and changes.

All housings can be mounted with screws or adhesive mounting tape (both provided), or with magnets or modular furniture brackets (sold separately on page L24). Identify ports and stations by using ample space next to each port or the designation window. All housings are UL Listed and compliant with NEC Article 800.

### QuickPort Surface Mount Housings

DESCRIPTION	CAT. NO.
[A] 1-Port Surface Mount Housing	41089-1*P
[B] 2-Port Surface Mount Housing (includes 1 blank module)	41089-2*P
[C] 4-Port Surface Mount Housing	41089-4*P
[D] 6-Port Surface Mount Housing	41089-6*P
[E] 12-Port Surface Mount Housing	41089-12*

Note: Snap-In Modules must be ordered separately. (See pages L3–L7)

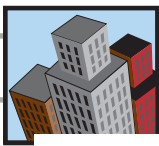
Leviton also offers Pre-configured Voice-Grade Surface Mount Jacks. (See page L23)

#### \*COLOR/INSERTS and WALLPLATES

For color selection, add suffix to catalog number as follows: Ivory (I), White (W), Gray (G), Black (E).

#### MATERIAL CHARACTERISTICS

High-impact, fire-retardant, plastic rated UL 94V-0.



## ACENTI™ and STANDARD WALLPLATES



### Acenti Wallplates and QuickPort® Inserts

Leviton's new Acenti wallplates are sleek and smooth and come in 7 soft neutral colors to perfectly complement any home or office environment. The soft radius design with low-profile corners adds personality with clean simple lines. Available in 1, 2, 3, 4, 5 and 6 gang styles. Choose from a wide variety of inserts for voice, data, electro-mechanical, lighting control, GFCI, and more. QuickPort inserts give all your voice, data, audio/visual and even fiber connections a sleek new look. See all the options at [Leviton.com/acenti](http://Leviton.com/acenti) or call Leviton Customer Service at 1(800) 323-8920.

#### Acenti QuickPort Multimedia Inserts

DESCRIPTION	CAT. NO.
2-Port Acenti QuickPort Insert	AC642-*
3-Port Acenti QuickPort Insert	AC643-*
4-Port Acenti QuickPort Insert	AC644-*
6-Port Acenti QuickPort Insert	AC646-*

#### Acenti Wallplates

DESCRIPTION	CAT. NO.
Single-Gang Acenti Wallplate	ACWP1-*
Dual-Gang Acenti Wallplate	ACWP2-*
Three-Gang Acenti Wallplate	ACWP3-*
Four-Gang Acenti Wallplate	ACWP4-*
Five-Gang Acenti Wallplate	ACWP5-*
Six-Gang Acenti Wallplate	ACWP6-*

*Note: Order QuickPort Snap-In Modules on page L3-L7. Configured versions also meet FCC Part 68*

### Standard Wallplates



**For complete wallplate selection, see Section E.**

#### \*COLOR/ACENTI

For color selection, add suffix to catalog number as follows: Neutral Colors—Alabaster (ALA), Onyx (ONX) and Slate (SLT). Off-White Colors—Quartz (QTZ), Sand (SND), Driftwood (DFT) and Natural (NTL).



## Standard Telephone/Video Wall Jacks

### TYPE 625B4 MODULAR WALL JACK

**A** Includes jack, plate, and mounting hardware. Fits standard NEMA wallboxes. Screw terminals. UL Listed and CSA Certified or cULus Listed.

#### Type 625B4 Modular Wall Jack—Smooth Finish , cULus, Standard Plate

DESCRIPTION	CAT. NO. BROWN	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. ALMOND	CAT. NO. LT ALMOND
6-Position, 4-Conductor	40249-000†	40249-00I†	40249-00W†	40249-00A†	40249-00T†
6-Position, 6-Conductor	—	40238-00I	40238-00W	—	—
8-Position, 8-Conductor	—	40280-00I	40280-00W	—	—

#### Type 625B4 Modular Wall Jack—Smooth Finish , Midway Plate

DESCRIPTION	CAT. NO. BROWN	CAT. NO. IVORY	CAT. NO. WHITE
6-Position, 4-Conductor	40549-000	40549-00I	40549-00W
8-Position, 8-Conductor	40580-00I	40580-00W	—

#### Type 625B4 Modular Wall Jack—Smooth Finish , alternate construction (not shown)

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY	CAT. NO. ALMOND	CAT. NO. BROWN
6-Position, 4-Conductor	4625B-44I	4625B-44W	4625B-44G	4625B-44A	4625B-044
6-Position, 6-Conductor	4625B-46I	4625B-46W	4625B-46G	—	—
8-Position, 8-Conductor	4625B-48I	4625B-48W	—	—	—

Note: Robertson/Slot Drive screws available for 4625B series, call customer service for ordering information.

†These products are cULus Listed.

### TYPE 625D F-CONNECTOR WALLPLATES

**B** F-Connector wallplates have one or two F-Connectors. Wallplates have a smooth finish. UL Listed and CSA certified.

#### F-Connector Wallplate

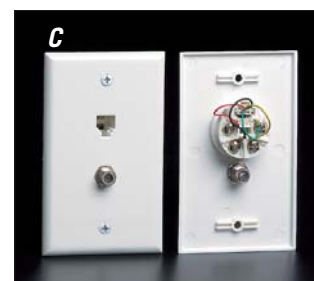
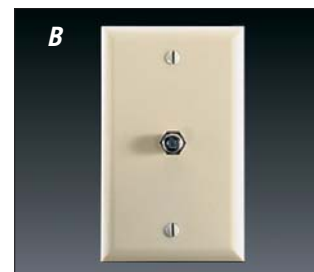
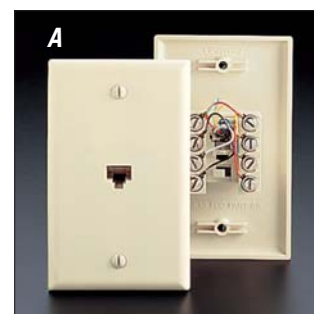
DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. ALMOND	CAT. NO. LT ALMOND
[B] Flush-Mount Single F-Connector	80781-00I	80781-00W	80781-00A	80781-00T
Flush-Mount Duplex F-Connector	80782-00I	80782-00W	80782-00A	80782-00T

### TYPE 625D COMBINATION WALL JACKS AND F-CONNECTOR WALLPLATES

**C** The Type 625D jacks include one modular jack (with screw terminals) for voice, and one F-connector for cable TV or other video applications using RG6 or RG59 coax. UL Listed and CSA Certified.

#### Type 625D Combination Wall Jacks and F-Connector Wallplates

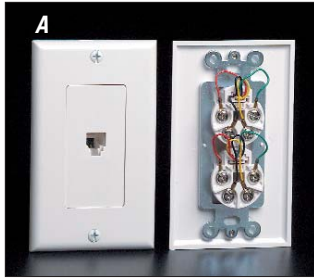
DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY	CAT. NO. ALMOND	CAT. NO. LT ALMOND
[C] 6-Position, 4-Conductor and F-Connector	40259-00I	40259-00W	40259-00G	40259-00A	40259-00T
6-Position, 6-Conductor and F-Connector	40258-00I	40258-00W	—	—	—







## TELEPHONE INSERT WALL JACKS



### Decora® Telephone Wall Jack Inserts

#### DECORA MODULAR SINGLE OR DUPLEX WALL JACK INSERTS

**A** These single or duplex flush-mount voice-grade connectors fit in Leviton's popular Decora line of devices. Screw terminals. Includes matching Decora wallplate.

#### Decora Modular Wall Jack

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE
Decora Single Modular Wall Jack, 6-position 4-conductor	40949-01D	40949-01W
Decora Duplex Modular Wall Jack, 6-position 4-conductor	40944-01D	40944-01W (not shown)



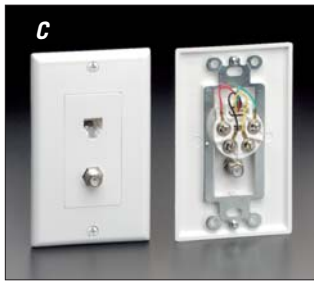
#### TYPE 625 DECORA MODULAR WALL JACKS

**B** Single flush mount jack for use with Decora or Decora Plus wallplates. Mount in standard or multi-gang electrical box. Screw terminals. UL Listed and CSA Certified.

#### Type 625 Decora Modular Wall Jack

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY	CAT. NO. BLACK	CAT. NO. ALMOND	CAT. NO. BROWN
6-position 4-conductor	40649-00I	40649-00W	40649-00G	40649-00E	40649-00A	40649-00O
6-position 6-conductor†	40638-00I	40638-00W	40638-00G	40638-00E	40638-00A	40638-00O
8-position 8-conductor	40680-00I	40680-00W	40680-00G	—	—	—

† Note: Cat. No. 40638 also available in Light Almond (40638-00T)



#### DECORA TV/PHONE COMBINATION JACK

**C** Combination jack with 4-Conductor modular jack for UTP telephone connections and F-Connector for video (coaxial cable) connections. Includes matching Decora wallplate.

#### Decora TV/Phone Combination Jack

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE
Decora TV/Phone Combination Jack, 6-position 4-conductor	40959-01D	40959-01W



### Midway Telephone Wall Jacks

#### MIDWAY WALL JACKS

**D** Midway wall jacks provide a larger silhouette for a more designer look, and to easily hide irregular drywall cuts. Choose a voice grade connector for UTP cable or an F-connector (filled or empty) for coaxial cable. Crafted from durable, UV-resistant nylon.

#### QuickPort® Midway Wallplates

DESCRIPTION	CAT. NO.
Midway Video Wallplate with F-Connector†	40539-0M*
Midway Video Wallplate without F-Connector (hexagonal opening only)	40539-0H*
Midway Phone Wallplate with 6P4C Voice Grade Connector†	40539-0P*

† Note: Also available in Light Almond (40539-0MT)

#### TYPE 625B MIDWAY DUPLEX WALL JACKS

These smooth finish midway units include 2 jacks, wallplate and mounting hardware. Wire to provide the same dial tone on both jacks or separate lines. Screw terminals. UL Listed & CSA Certified.

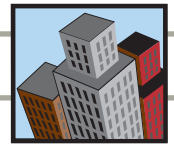
#### Type 625B Duplex Wall Jack

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE
Type 625B Duplex Wall Jack, 6-position 4-conductor, Midway Plate	40544-00I	40544-00W
Type 625B Duplex Wall Jack, 6-position 6-conductor, Midway Plate	40566-00I	—
Type 625B Duplex Wall Jack, 8-position 8-conductor, Midway Plate	40588-00I	40588-00W

#### \*COLOR/MIDWAY WALLPLATES

For color selection, add suffix to catalog number as follows: Ivory (I), White (W), Almond (A), Brown (B).





## Telephone Wall Phone Jacks

### TYPE 630A QUICK-CONNECT WALL PHONE JACK WITH PLASTIC WALL PLATE

**A** Features quick-connect terminals, screw-on wallplate, metal bracket, mounting lugs, and installation tool. Removable lugs and color-matched plastic inserts (included) permit conversion from wall phone jack to flush mount jack. UL Listed and CSA Certified.

#### Type 630A Quick-Connect Jack with Plastic Wallplate

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY	CAT. NO. ALMOND
6-Position, 4-Conductor	40253-00I	40253-00W	40253-0GY	40253-00A
6-Position, 6-Conductor	40263-00I	40263-00W	—	—

### TYPE 630A QUICK-CONNECT WALL PHONE JACK WITH STAINLESS STEEL WALLPLATE

**B** Includes 4- or 6-conductor jack with screw terminals, stainless steel screw-on wallplate, mounting screws and installation tool.

#### Type 630A Quick-Connect Jack with Stainless Steel Wallplate

DESCRIPTION	CAT. NO.
6-Position, 4-Conductor w/ QuickPort terminations	40223-00S
6-Position, 6-Conductor w/ screw terminations	40226-00S

### WALL PHONE JACK

**C** Single phone jack for standard wall phone. Four color-coded screw-down connections.

#### Wall Phone Jack

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. ALMOND
Wall Phone Jack	40914-00I	40914-00W	40914-00A

### STAINLESS STEEL WALL PHONE JACK

**D** Stainless steel cover with quick-connect, punch-down wires. Four color-coded screw-down connections.

#### Stainless Steel Wall Phone Jack

DESCRIPTION	CAT. NO.
Stainless Steel Wall Phone Jack, 6-position, 4-conductor	40256-00S

### TYPE 625B3 DUPLEX WALL JACK

**E** These smooth finish units include 2 jacks, wallplate and mounting hardware. Wire to provide the same dialtone on both jacks or separate lines. Screw terminals. UL Listed & CSA Certified.

#### Type 625B3 Duplex Wall Jack

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE
Type 6255B3 Duplex Wall Jack, 6-position 4-conductor, Standard Plate*	40244-00I	40244-00W
Type 6255B3 Duplex Wall Jack, 6-position 6-conductor, Standard Plate	40266-00I	40266-00W
Type 6255B3 Duplex Wall Jack, 6-position 4-conductor, Midsize Plate	40544-00I	40544-00W

\* NOTE: Part Number 40244 is also available in Almond (40244-A), Light Almond (40244-T) and Brown (40244-000) versions.

### TYPE 630A SCREW TERMINAL WALL JACK WITH PLASTIC WALLPLATE

**F** Features 4-conductor jack, screw terminals, screw-on wallplate and removable mounting lugs can be converted to a flush-mount jack by replacing lugs with color-keyed plastic inserts (included). UL Listed and CSA Certified.

#### Type 630A Screw Terminal Wall Jack with Plastic Wallplate

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE
6-position 4-conductor	40257-00I	40257-00W

### TYPE 630A SCREW TERMINAL WALL JACK WITH SNAP-ON PLASTIC WALLPLATE

**G** Includes snap-on wallplate, mounting screws, and factory installed legs. UL Listed and CSA Certified.

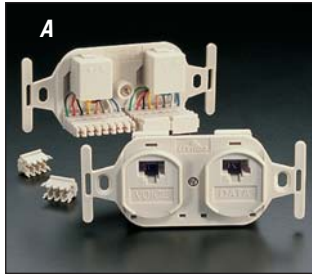
#### Type 630A Screw Terminal Wall Jack with Snap-On Plastic Wallplate

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. ALMOND
6-position 4-conductor	40214-00I	40214-00W	40214-00A
6-position 6-conductor	40216-00I	40216-00W	—





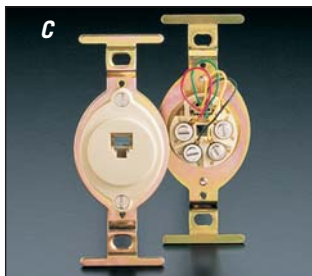
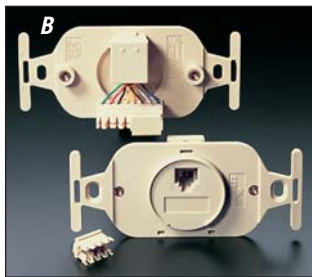
# TELEPHONE WALL JACK INSERTS



## MATERIAL CHARACTERISTICS

### Flush Mount Modular Jacks

- Housing: High-impact, fire-retardant plastic rated UL 94V0.
- Spring wire contacts: Phosphor bronze, plated with 50 microinches hard gold over 100 microinches nickel.
- Wire leads: PVC-insulated, tinned solid copper.
- Mounting screws: Combination Phillips/straight blade head.





## Telephone Wall Jack Inserts

### TYPE 106 DUPLEX FLUSH MOUNT MODULAR JACK WITH 110-TYPE TERMINATION

**A** The Type 106 duplex jack accommodates two voice and/or data terminals in the same jack location, using standard duplex electrical wallplates. Jack choices include 4-, 6-, and 8-conductor modular jacks for voice or data, with 8-conductor keyed versions typically used for data. Mounts easily in standard electrical boxes, most floor monuments, raceways, and many cellular or raised floor boxes without adapters. May be ganged for multiple-port applications. Installation is fast and easy with 110-type insulation displacement connectors for 22-26 AWG inside wiring. UL Listed, CSA Certified, and meets FCC Part 68 requirements.

#### Type 106 Flush Mount Modular Jack

DESCRIPTION	PORT DESIGNATIONS		CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY
Two 4-Conductor USOC Jacks	Line 1	Line 2	41364-IDI	41364-IDW	41364-IDG
Two 6-Conductor USOC Jacks	Line 1	Line 2	41366-IDI	41366-IDW	41366-IDG
One 6-Conductor USOC Jack and one 8-conductor T568B CAT 3 jack	Voice	Data	41365-IDI	41365-IDW	—
Two 8-Conductor USOC Jacks	Line 1	Line 2	41368-IDI	—	—
Two 8-Conductor T568B CAT 3 Jacks	Line 1	Line 2	41367-IDI	41367-IDW	—
Two 8-Conductor T568B Jacks 	Voice	Data	41361-IDI	—	—
One 8-Conductor T568B Jack, and one 8-conductor keyed T568B jack 	Voice	Data	41360-IDI	—	—

Note: Wallplate ordering information can be found on pages L9-L12.

### TYPE 105 FLUSH MOUNT MODULAR JACK WITH 110-TYPE TERMINATION

**B** The 105 single-port flush mount jack fits a standard single opening (1.406" diameter) electrical wallplate. It is available in 4-, 6-, or 8-conductor configurations for voice and data, with the 8-conductor keyed version typically used for data. Mounts easily in standard single-, double-, or multi-gang electrical boxes, most floor monuments, and many cellular or raised floor boxes. Installs quickly using industry standard 110-type insulation displacement connectors for 22-26 AWG inside wiring. UL Listed, CSA Certified, and meets FCC Part 68 requirements.

#### Type 105 Flush Mount Modular Jack

DESCRIPTION	PORT DESIGNATIONS	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY
One 6-Position, 4-Conductor Jack	—	41054-IDD	—	—
One 6-Position, 6-Conductor Jack	—	41056-IDD	—	—
One 8-Position, 8-Conductor Jack, USOC	—	41058-IDD	—	—
One 8-Position, 8-Conductor Jack, T568B 	—	41058-IDA	41058-WDA	—

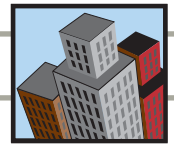
Note: Wallplate ordering information can be found on pages L9-L12.

### TYPE 625B ROUND MODULAR JACK WALLPLATE INSERT

**C** A 4-conductor jack with Type 43A mounting bracket attached. Mounts in any standard electrical box. Slotted holes facilitate alignment. Can be used indoors or outdoors with corresponding Leviton wallplate. For use with 4-conductor modular line cord. Screw terminals. UL Listed & CSA Certified.

#### Type 625B Round Modular Jack Wallplate Insert and Wallplate

DESCRIPTION	CAT. NO. IVORY
Type 625B Round Modular Jack	40201-00I
Round Modular Jack Wallplate, Ivory	86004-000



## Surface Mount Telephone Jacks

### TYPE 103 SURFACE MOUNT MODULAR JACK WITH 110-TYPE TERMINATION

**A** The 103 single-port surface mount jack is available in 4-, 6-, or 8-conductor configurations for voice and data. Mounts using screws or doublesided tape (both included), or optional magnets (see page L24). UL Listed and CSA Certified.

#### Type 103 Single-Port Surface Mount Modular Jack

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE
6-Position, 4-conductor Jack	41034-IDA	—
6-Position, 6-conductor Jack	41036-IDA	—
8-Position, 8-conductor USOC Jack	41038-IDA	—
8-Position, 8-conductor T568B Category 3 compliant Jack	41038-IDB	41038-WDB

### TYPE 104 DUPLEX SURFACE MOUNT MODULAR JACK WITH 110-TYPE TERMINATION

**B** The 104 Duplex Surface Mount Jack accommodates two voice and/or data ports. Available in 4-, 6-, or 8-conductor configurations for voice and data. Mounts easily using screws or doublesided tape (both included), or optional magnets (see page L24). UL Listed and CSA Certified.

#### Type 104 Duplex Surface Mount Modular Jack

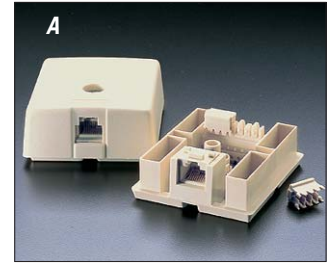
DESCRIPTION	PORT DESIGNATIONS		CAT. NO. IVORY
	Line 1	Line 2	
Two 4-Conductor Jacks	Line 1	Line 2	41044-IDA
Two 6-Conductor Jacks	Line 1	Line 2	41046-IDA
One 6-Conductor Jack and one 8-conductor T568B Category 3 compliant jack	Voice	Data	41086-IDB
Two 8-Conductor USOC Jacks	Line 1	Line 2	41048-IDA
Two 8-Conductor T568B Category 3 compliant Jacks	Line 1	Line 2	41048-IDB
Two 8-Conductor T568B Category 3 compliant Jacks, one keyed and one non-keyed	Data	Data	41088-IDB

### TYPE 625A2 SURFACE MOUNT JACK

**C** The compact design of this “biscuit block” jack offers improved appearance and space savings for surface-mount applications, and includes many features to facilitate installation. Unit comes with your choice of modular jacks prewired to combo-head screw terminals. High-reliability features include retainer comb to assure proper contact between jack and plug. Self-tapping screws and adhesive pad are included. UL Listed and CSA Certified.

#### Type 625A2 Surface Mount Jack

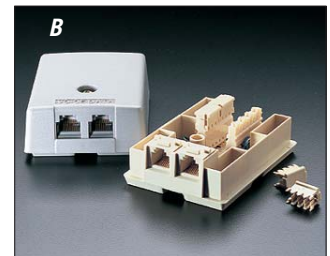
DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY
6-Position 4-Conductor	4625A-24I	4625A-24W	—
6-Position 6-Conductor	4625A-26I	4625A-26W	—
8-Position 8-Conductor	40278-00I	40278-00W	40278-00G
8-Position 8-Conductor (with shorting bar, RJ31X)	40278-SBI	—	—
8-Position 4-Conductor (with shorting bar, RJ31X)	40274-SBI	—	—



#### MATERIAL CHARACTERISTICS

##### 103 Jacks

- Housings: High-impact, fire-retardant plastic rated UL 94V0.
- Spring wire contacts: Phosphor bronze, plated with 50 microinches gold over 100 microinches nickel.
- 110 clips: Solder-plated phosphor bronze.



#### MATERIAL CHARACTERISTICS

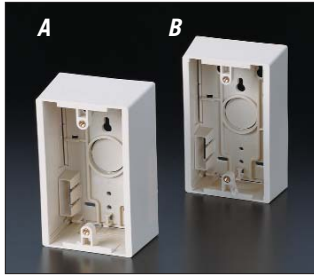
##### 104 Jacks

- Housings: High-impact, fire-retardant plastic rated UL 94V0.
- Spring wire contacts: Phosphor bronze, plated with 50 microinches gold over 100 microinches nickel.
- 110 clips: Solderplated phosphor bronze.





## WORKSTATION ACCESSORIES



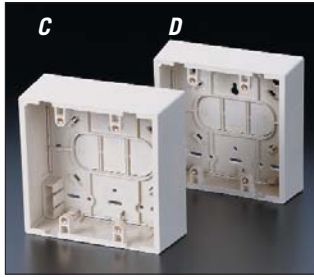
### Workstation Accessories

#### SINGLE- AND DUAL-GANG SURFACE MOUNT BACKBOXES

These two-piece Surface Mount Backboxes snap snugly together to adapt Leviton flush mount products for surface mounting. Available in two sizes with knockouts on all sides for cable entry. Mounting options include screws and double-sided tape (installer-supplied); modular furniture brackets (F, G, H below) or magnet mounting (E below).

#### Single- and Dual-Gang Surface Mount Backboxes

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY	CAT. NO. BLACK
[A] Single-Gang 1.89" deep	42777-11A	42777-1WA	42777-1GA	42777-1EA
[B] Single-Gang 1.45" deep	42777-11B	42777-1WB	42777-1GB	42777-1EB
[C] Dual-Gang 1.89" deep	42777-21A	42777-2WA	42777-2GA	42777-2EA
[D] Dual-Gang 1.45" deep	42777-21B	42777-2WB	42777-2GB	42777-2EB



#### MAGNETS

Mount surface mount products on desks and other metal surfaces.

#### Magnets

DESCRIPTION	CAT. NO.
[E] Magnets (4 per pack)	41030-SMJ

*Use 1 Magnet for 2-port Surface Mount Housing. Use 2 Magnets for 4-, 6-, and 12-port Surface Mount Housings, Single & Dual-Gang Surface Mount Backboxes, 103 & 104 type Modular Jacks.*



#### MODULAR FURNITURE BRACKETS

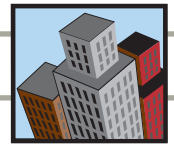
Use to install Leviton surface mount outlets (or flush mount devices with backbox) in many types of modular offices. Can also be used with Leviton backboxes and surface mount 4-, 6 and 12-port housings. Cold-rolled steel units snap securely into modular partitions. A cutout allows rear cable entry for a clean, uncluttered look and tangle-free installation. Available in black.

#### Modular Furniture Brackets

DESCRIPTION	CAT. NO.
[F] For Steelcase 9000®, Haworth®, Knoll Morrison®, Allsteel® and Westinghouse®	49222-BLK
[G] For Herman Miller Ethospace® and Steelcase Avenir®	49222-ESP
[H] For Herman Miller Action Office®	49222-HAO







**UNIVERSAL T568A & T568B**



## eXtreme® 6+ Universal Patch Panels



Craft-friendly eXtreme 6+ Universal Patch Panels exceed published Category 6 standards and feature patented Retention Force Technology™ for robust long-term performance and mechanical integrity.

These 12-, 24-, 48- and 96-port panels (and 12-port patch block) come pre-configured with craft-friendly 110-style punchdowns on the rear and six-port RJ-45 front modules. Rear designation labels are reversible, with color-coded diagrams for T568A, T568B and 25-pair wiring configurations.

Additionally, 12-, 24-, 48- and 96-port panels feature advanced cable management and grounding stand-offs, come with a cable management bar for proper bend radius protection, and accommodate top, bottom or side cable entry.

All eXtreme 6+ panels mount in standard 19" equipment racks, are cULus Listed and A-tick compliant, and fully comply with published Category 6 standards.

### eXtreme 6+ Universal Patch Panels

DESCRIPTION	CAT. NO. 12-PORT PATCH BLOCK*	CAT. NO. 12-PORT PANEL	CAT. NO. 24-PORT PANEL	CAT. NO. 48-PORT PANEL	CAT. NO. CENTRAL LABEL 48-PORT PANEL	CAT. NO. 96-PORT PANEL
High-density, Pre-Configured Patch Panel with wire management bar	69586-U89	69586-U12	69586-U24	69586-U48	69586-C48	69586-U96
Dimensions:	10.0"H x 2.30"W	1.75"H x 19.0"W	1.75"H x 19.0"W	3.5"H x 19.0"W	3.5"H x 19.0"W	7"H x 19.0"W

\*12-Port Patch Block does not include wire management bar.



## eXtreme 6+ QuickPort® Patch Panels

These high-density, QuickPort Category 6 Patch Panels come preloaded with black eXtreme 6+ connectors and are available in 24- and 48-port versions. Panels come with a wire management bar. Connector rear-termination field ensures easy accessibility and accommodates T568A or T568B wiring configurations. cULus listed.

### QuickPort Category 6 Patch Panels

DESCRIPTION	DIMENSIONS	CAT. NO.
24-Port Patch Panel preloaded with eXtreme 6+ Connectors	1.75"H x 19"W	69270-U24
48-Port Patch Panel preloaded with eXtreme 6+ Connectors	3.5"H x 19"W	69270-U48

Note: Extreme 6+ QuickPort Patch Panels come with QuickPort High Density ID Kit, 49257-QHD.



#### MATERIAL CHARACTERISTICS

- Panels and blocks are 16 gauge steel, black painted finish with white write-on areas silkscreened beside the connectors. Printed circuit boards and plastic components are fire-retardant materials rated UL 94V-0.

#### STYLES



12-Port



24-Port



48-Port



48-Port with Centralized Labels



96-Port

#### FEATURES



Cable management bar and stand-offs facilitate dressing and organizing the cable, and help maintain optimum bend radii.



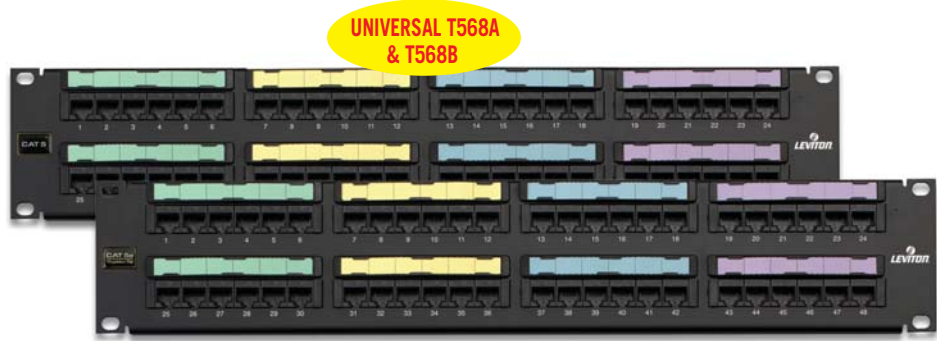
Universal printed circuit-board modules— with 110 connections and rear termination field for easy-field configurability— can be used for T568A, T568B or 25-pair wiring schemes.

- Patch panel labeling kit features colored slide-in front port identification labels.
- Reversible rear label slides easily into redesigned slot and shows color-coded diagrams for T568A, T568B and 25-pair wiring.





# PATCH PANELS and BLOCKS



## GigaMax™ 5e and Category 5 Universal Patch Panels and Patch Blocks

GigaMax 5e and Category 5 Universal Patch Panels and Patch Blocks come in a variety of port densities to meet the needs of high-speed data applications. Both the blocks and panels come pre-configured with 110-punchdowns on the back and either Category 5 or GigaMax 5e six-port modules on the front. Ideal for enhanced applications, both versions can be used for T568A or T568B wiring configurations. The panels, available with 12 to 96 pre-configured ports, mount in standard 19" equipment racks and accommodate top, bottom or side cable entry. For smaller, wall-mount installations, the 12-port patch blocks are an ideal low-profile solution.

GigaMax 5e panels are rated for both component and channel-level performance.

All panels and blocks are cULus Listed and A-tick compliant and meet all requirements of the latest published TIA guidelines.

### Universal GigaMax 5e Patch Panels

DESCRIPTION	CAT. NO. 12-PORT	CAT. NO. 24-PORT	CAT. NO. 48-PORT	CAT. NO. CENTRAL LABEL 48-PORT	CAT. NO. 96-PORT
T568B/T568A	5G596-U12	5G596-U24	5G596-U48	5G596-C48	5G596-U96
Dimensions:	1.75"H x 19.0"W	1.75"H x 19.0"W	3.5"H x 19.0"W	3.5"H x 19.0"W	7.0" H x 19.0" W

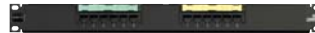
### Universal Category 5 Patch Panels

DESCRIPTION	CAT. NO. 12-PORT	CAT. NO. 24-PORT	CAT. NO. 48-PORT	CAT. NO. 96-PORT
T568B/T568A	59596-U12	59596-U24	59596-U48	59596-U96
Dimensions:	1.75"H x 19.0"W	1.75"H x 19.0" W	3.5"H x 19.0"W	7.0"H x 19.0"W

### Universal Category 5 and GigaMax 5e Patch Blocks (including Mounting Brackets)

DESCRIPTION	CAT. NO. 12-PORT CATEGORY 5	CAT. NO. 12-PORT GigaMax 5e
T568B/T568A	59596-U89	5G596-U89
Dimensions:	10.0"H x 2.30"W	10.0"H x 2.30"W

### STYLES



12-Port



24-Port



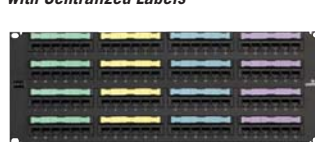
48-Port



48-Port  
with Centralized Labels



96-Port



96-Port

### FEATURES

- Connector spring wire contacts are highest quality phosphor bronze, plated with 50 microinches gold over 100 microinches of nickel.
- Universal printed circuit-board modules with 110 IDC punchdowns can be used for T568A, T568B and 25-pair wiring configurations.



### MATERIAL CHARACTERISTICS

- Panels and blocks are 16 gauge steel, black painted finish with white write-on areas silkscreened beside the connectors. Printed circuit boards and plastic components are fire-retardant materials rated UL 94V-0.



## GigaMax 5e QuickPort® Patch Panels

These high-density, QuickPort Category 5e Patch Panels come preloaded with black GigaMax 5e+ connectors and are available in 24- and 48-port versions. Connector rear-termination field ensures easy accessibility and accommodates T568A or T568B wiring configurations. UL listed.

### QuickPort Category 5e Patch Panels

DESCRIPTION	DIMENSIONS	CAT. NO.
24-Port Patch Panel preloaded with GigaMax 5e+ Connectors	1.75"H x 19"W	5G270-U24
48-Port Patch Panel preloaded with GigaMax 5e+ Connectors	3.5"H x 19"W	5G270-U48

Note: Use Leviton's LabelWare™ System to quickly label your QuickPort panels. See Page L57.



## STYLES

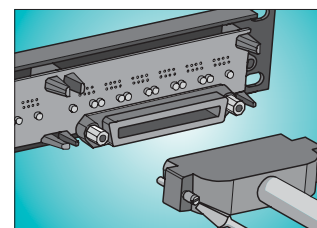


24-Port



48-Port

## FEATURES



### Why Choose Voice Panels?

Leviton Voice Grade Patch Panels are ideal for bringing voice-grade applications to the telecommunications rack. 110-style or 25-pair panels provide all the easy, craft-friendly functionality of a modular patch panel without the higher expense normally associated with Category 5 or 5e data-grade solutions.



Cable management bar available separately to facilitate dressing and organization of cable.

- Printed circuit-board modules with 110 IDC-style punchdowns or industry standard RJ21X connector termination.
- Connector spring wire contacts are highest quality phosphor bronze, plated with 50 microinches gold over 100 microinches of nickel.

## Voice Grade Patch Panels

Leviton's Voice Grade Patch Panels are the perfect solution for bringing voice to your cable rack. Pre-configured in 24- and 48-Port densities, and designed specifically for voice grade applications, these low-cost panels are available in pre-connectorized and 110-IDC versions.

A unique rear label is provided for the 110-IDC style patch panels that delineates 1-pair, 2-pair and 4-pair termination, in addition to showing 25-pair color coded termination.

### Voice Grade Patch Panels, 110-Style

DESCRIPTION	CAT. NO. 24-PORT	CAT. NO. 48-PORT
Voice 8P4C Jacks, 110 termination	49013-P24	49013-P48
Dimensions:	1.75"H x 19.0"W	3.5"H x 19.0"W
Cable Management Bar	49005-CMB	49005-CMB

### Voice Grade Patch Panels, Pre-Connected

DESCRIPTION	CAT. NO. 24-PORT	CAT. NO. 48-PORT
Voice 8P2C Jacks, 25-pair connector	49012-J24	49012-J48
Voice 8P4C Jacks, 25-pair connector	49004-J24	49004-J48
Voice 8P8C Jacks, 25-pair connector	49018-J24	49018-J48
Dimensions:	1.75"H x 19.0"W	3.5"H x 19.0"W
Cable Management Bar	49005-CMB	49005-CMB

Note: 49004 comes without label holders, and is available only in black painted finish with white write-on areas next to the connectors.



## ANGLED PATCH PANELS

EXTREME<sup>6+</sup>

GIGAMAX<sup>5e</sup>



### extreme<sup>6+</sup>, GigaMax<sup>5e</sup> and QuickPort<sup>®</sup> Angled Patch Panels

Simplify cable management, ease patch cord access, and increase rack density with high-density Angled Patch Panels from Leviton. Constructed in a 128° wedge-shaped silhouette, extending outward from any standard 19" rack.

Panels are available in eXtreme 6+ or GigaMax 5e versions, with 48 ports each. Field-configurable 48-port QuickPort version accommodates any style of QuickPort connector, and is available empty, or pre-configured with either Gigamax 5e+ or extreme 6+ QuickPort connectors.

All loaded panels feature 110-style punchdowns and reversible rear designation labels with color-coded wiring diagrams for T568A, T568B and 25-pair configurations.

Additionally, Angled Panels feature an array of accessories for rack management, including: Horizontal Ring, 1RU and 2RU Angled Blank Panel Inserts, Transitional Cover and Angled Cable Management Bar.

All panels mount in standard 19" equipment racks and accommodate side cable entry. All panels are cULus Listed and A-tick compliant and meet or exceed all requirements of applicable Category 5e or Category 6 standards.

#### Angled Patch Panels

DESCRIPTION	DIMENSIONS	CAT. NO.
eXtreme 6+ Angled Patch Panel, 48-Port	3.5" x 19.0" x 4.8"	69587-U48
GigaMax 5e Angled Patch Panel, 48-Port	3.5" x 19.0" x 4.8"	5G597-U48
QuickPort Angled Patch Panel, 48-Port, sold empty	3.5" x 19.0" x 4.8"	49256-H48

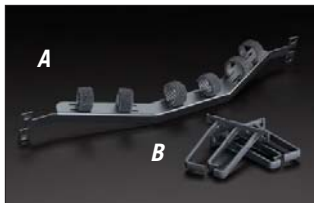
Note: See Section L3-L5 for QuickPort connector options.

#### Angled Pre-Configured Panels

DESCRIPTION	DIMENSIONS	CAT. NO.
eXtreme 6+ Angled Pre-configured Patch Panel, 48-Port	3.5" x 19.0" x 4.8"	69271-U48
GigaMax 5e Angled Pre-configured Patch Panel, 48-Port	3.5" x 19.0" x 4.8"	5G271-U48

#### Angled Panel Accessories

DESCRIPTION	CAT. NO.
[A] Angled Cable Management Bar, rear (4 Hook and Loop fasteners included)	49006-AMB
[B] Vertical Transition Ring (Horizontal Cable Ring), 2/box	49262-HR1
[C] Front Blank Angled Panel, 2RU	49254-BA2
[D] Front Blank Angled Panel, 1RU	49254-BA1
[E] Transitional Cover	49254-BC1





# MULTIMEDIA PATCH PANELS AND PATCH BLOCKS



## QuickPort® Multimedia Patch Panels and Patch Blocks

Create a Category 5, 5e, 6 or multimedia panel instantly by matching Leviton Performance connectors with versatile QuickPort patch panels and patch blocks. Field-configure with any QuickPort Snap-in Modules for voice, data, audio and video, including: Category 5, GigaMax™ 5e, and eXtreme® 6+ (sold separately), to configure the panel to your exact needs.

Configure patch blocks with up to 12 QuickPort modules. Patch panels range in port density from 24 to 48 ports. 24- and 32-port panels incorporate Leviton's exclusive 'Quick Termination Station', and a cable management tray. The high-density panels include a wire management bar. An 89D mounting bracket is sold separately for patch blocks.

### QuickPort Multimedia Patch Panels with Cable Tray

DESCRIPTION	DIMENSIONS	CAT. NO.
[A] 24-Port Patch Panel with Cable Tray (Order 1 Port identification kit)	(3.5"H x 19"W)	49255-Q24 49257-QID
[B] 32-Port Patch Panel with Cable Tray (Order 2 Port identification kits)	(3.5"H x 19"W)	49255-Q32

### QuickPort High Density Multimedia Patch Panels with Wire Management Bar

DESCRIPTION	DIMENSIONS	CAT. NO.
[C] High Density 24-Port Patch Panel w/Wire Management Bar (Order 1-Port identification kit)	(1.75"H x 19"W)	49255-H24 49257-QHD
[D] High Density 48-Port Patch Panel w/Wire Management Bar (Order 2-Port identification kits)	(3.5"H x 19"W)	49255-H48 49257-QHD

### QuickPort High Multimedia Patch Blocks

DESCRIPTION	DIMENSIONS	CAT. NO.
QuickPort 12-Port Patch Block, (mounting bracket sold separately)	(10"H x 2.375" W)	49255-Q89
QuickPort Patch Block mounting bracket, shown above (89D)		40089-00D
QuickPort 12-Port Multimedia Patch Block, (extra deep) (mounting bracket included)	(10"H x 2.375"W)	47689-OQP

Note: The above QuickPort Multimedia Patch Panels and Blocks are sold empty. See pages L3-L7 for our full line of QuickPort Connectors.

Note: Use Leviton's Labe/Ware™ System to quickly label your QuickPort panels. See Page L57.

#### STYLES



A- 24-Port



B- 32-Port



C- 24-Port High Density



D- 48-Port High Density

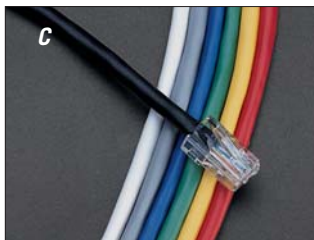
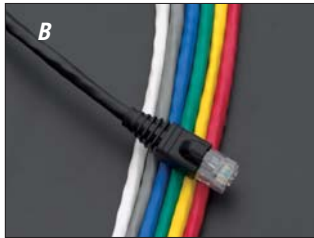
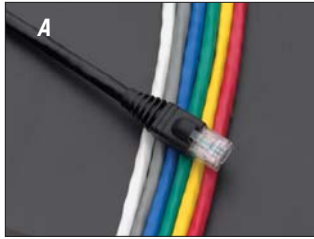
#### FEATURES

- Cable-tie down slots accommodate Hook and Loop Cable Management tie-wraps and plastic cable ties. Built-in cable management organizes cable and helps maintain optimum bend radii.
- Exclusive Quick Termination Stations can be used to temporarily hold connectors for more convenient termination and cable dressing on 24- and 32-port standard QuickPort panels.
- QuickPort panels accept all Leviton QuickPort snap-in connectors, modules and blanks. Use with Category 6, 5e or 5 connectors for outstanding performance.
- Rugged dual-wall reinforced construction provides secure, flush mount module retention.

Copper Components



## PATCH CORDS and RACK & PANEL ACCESSORIES



### Performance Patch Cords

**A-C** Leviton's eXtreme® 6+, GigaMax™ 5e and Category 5 patch cords meet or exceed industry standard specifications, and use compliant stranded wire as specified by the latest published TIA guidelines, to ensure adequate 'flex life.' All have quality construction to maintain the integrity of signal transmission at the cross-connect, which is critical to the performance of the entire cabling system.

eXtreme 6+ Patch Cords are suitable for Category 6 applications and GigaMax 5e Patch Cords are suitable for Category 5e applications. Both eXtreme and GigaMax Cords meet component specifications as outlined in the latest TIA guidelines.

Available in lengths of 3', 5', 7', 10', 15' and 20'. Offered in seven colors: white, red, yellow, green, blue, gray and black with color-coordinated slimline boots. eXtreme 6+ and GigaMax 5e cords feature strain relief boots. Category 5 cords have no strain-relief boot.

*NOTE: Leviton Performance Patch Cords are required to qualify for the Leviton Lifetime Warranty on Certified installations.*

#### Patch Cords

DESCRIPTION			
	CAT. NO. [A] eXtreme 6+	CAT. NO. [B] GigaMax 5e	CAT. NO. [C] CATEGORY 5
3-foot length (.91 m)	62460-03*	5G460-03*	52455-03*
5-foot length (1.52 m)	62460-05*	5G460-05*	52455-05*
7-foot length (2.13 m)	62460-07*	5G460-07*	52455-07*
10-foot length (3.05 m)	62460-10*	5G460-10*	52455-10*
15-foot length (4.57 m)	62460-15*	5G460-15*	52455-15*
20-foot length (6.10 m)	62460-20*	5G460-20*	52455-20*

### Rack & Panel Accessories

#### Blank Panels for standard 19" equipment racks

DESCRIPTION	CAT. NO. 1RU	CAT. NO. 2RU	CAT. NO. 4RU
[D] Front Blank Panel, Standard	49254-BP1	49254-BP2	49254-BP4
[E] Front Blank Panel, Angled	49254-BA1	49254-BA2	—

#### Hinged Wall-Mount Brackets

DESCRIPTION	CAT. NO. 2RU	CAT. NO. 3RU	CAT. NO. 4RU
[F] Hinged Wall-Mount Bracket	49251-W62	49251-W63	49251-W64

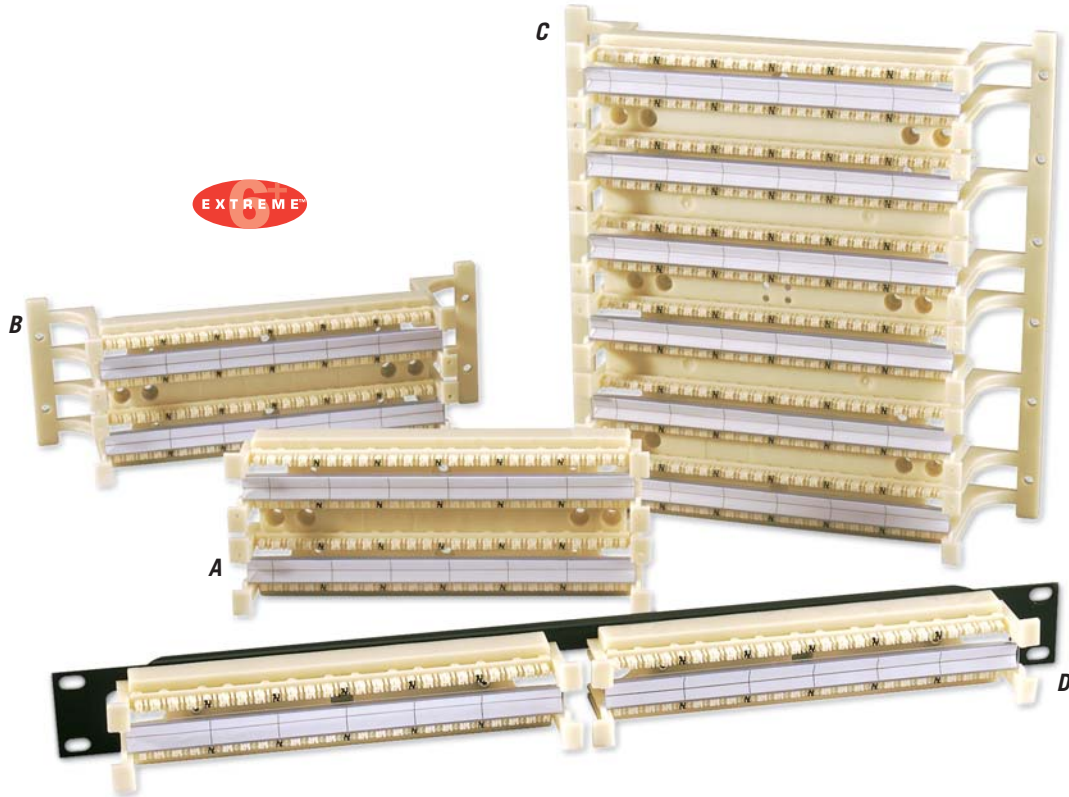
*Note: Dimensions for the height of panels and brackets are: 1RU=1.75", 2RU=3.5", 3RU=5.25", 4RU=7.0".*

*Note: Check out Leviton's Patch Panel Port Identification Kits for quick and easy labeling. See page L58.*

#### \*COLOR/PATCH CORDS

For color selection, add suffix to catalog number as follows: Ivory (I), White (W), Gray (G), Black (E), Blue (L), Red (R), Green (G), Yellow (Y).





## eXtreme 6+ 110-Style Wiring Products

Leviton's 110-Style Wiring Products are perfect for quick and easy cross connects in a minimum of space. Achieve top performance and network integrity at consolidation points, even at Category 6 levels. Building a cross-connect system for voice and data is effortless.

eXtreme 6+ 110-Style Wiring Blocks are available in 96- and 288-Pair units, with or without legs for wall mount applications. We also offer 96-, 192- and 288-pair rack-mount units. All kits include C-4 clips.

A full selection of patch cords is available for easy connection to network equipment. All units meet or exceed Category 6 transmission requirements.

### eXtreme 6+ Cat 6 110-Style Wiring Block – Kitted Versions

DESCRIPTION	CAT. NO.
[A] eXtreme 6+ 110-Style Wiring Block, Wall-Mount w/o legs, CAT 6, 96-Pair	<b>41NB6-1F4</b>
[B] eXtreme 6+ 110-Style Wiring Block, Wall-Mount w/legs, CAT 6, 96-Pair	<b>41AB6-1F4</b>
[C] eXtreme 6+ 110-Style Wiring Block, Wall-Mount w/legs, CAT 6, 288-Pair	<b>41AB6-3F4</b>
[D] eXtreme 6+ 110-Style Wiring Block, Rack-Mount, CAT 6, 96-Pair	<b>41DR6-1F4</b>
eXtreme 6+ 110-Style Wiring Block, Rack-Mount, CAT 6, 192-Pair	<b>41DR6-2F4</b>
eXtreme 6+ 110-Style Wiring Block, Rack-Mount, CAT 6, 288-Pair	<b>41DR6-3F4</b>

Note: Category 5e and 6 110 wiring block legs are non-removable.

Note: Identify all of your 110 products with Labe/Ware™ 110 wiring product labels. See page L57.

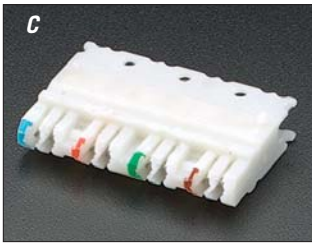
Note: All kits include C-4 clips.

#### MATERIAL CHARACTERISTICS

- C-4 connector clips (sold separately or included in kitted versions) are fire-retardant UL 94V-0 plastic with solder-plated IDC's.



# EXTREME® 6+ 110-STYLE PATCH CORDS and CONNECTOR CLIPS



## eXtreme 6+ 110-Style Patch Cords

**A, B** Make your network connections with eXtreme 6+ 110-style Patch Cords, a quick solution for 110 to 110 and 110 to RJ45 applications (in both T568A and T568B wiring configurations). Cords are gray with gray boots and are offered in 1', 2', 3', 5', 7' and 10' lengths. All cords meet or exceed all Category 6 transmission requirements.

### eXtreme 6+ Cat 6 110-Style Patch Cords

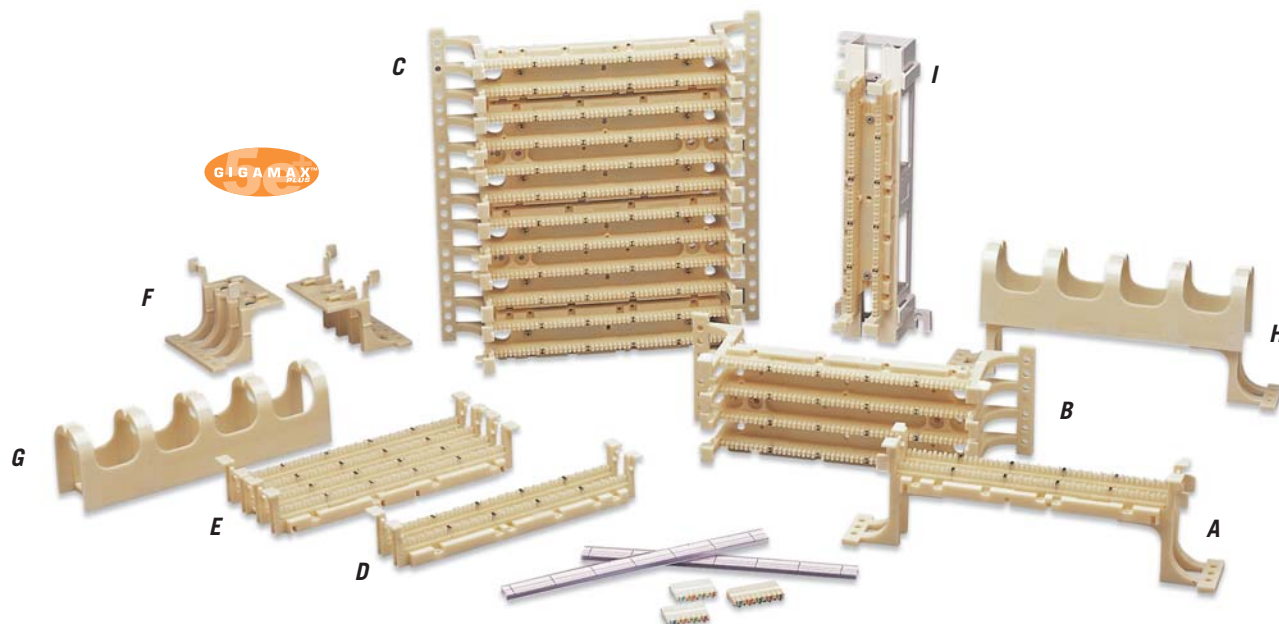
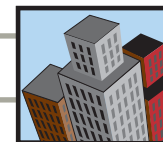
DESCRIPTION	CAT. NO. 1-FOOT	CAT. NO. 2-FOOT	CAT. NO. 3-FOOT	CAT. NO. 5-FOOT	CAT. NO. 7-FOOT	CAT. NO. 10-FOOT
[A] CAT 6 110 to 110-Style Patch Cord, 4 pair	62240-01S	62240-02S	62240-03S	62240-05S	62240-07S	62240-10S
[B] CAT 6 110 to T568A Patch Cord, 4 pair.	6234A-01S	6234A-02S	6234A-03S	6234A-05S	6234A-07S	6234A-10S
CAT 6 110 to T568B Patch Cord, 4 pair	6234B-01S	6234B-02S	6234B-03S	6234B-05S	6234B-07S	6234B-10S

## eXtreme 6+ 110-Style Connector Clips

**C** Choose these connector clips for a high-quality, gas-tight connection to ensure signal integrity in your Category 6 applications. Clips withstand 200 re-terminations and are made of fire-retardant plastic rated UL 94V-0 with solder-plated IDCs.

### eXtreme 6+ Cat 6 110-Style C-4 Clip

DESCRIPTION	CAT. NO.
[C] eXtreme 6+ C-4 Clip, CAT 6 (bag of 10)	69104-IDC



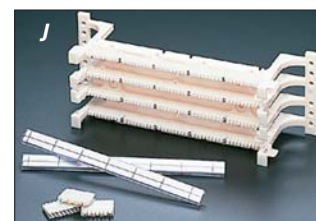
## GigaMax 5e 110-Style Wiring Products

### WALL-MOUNT 110-STYLE WIRING PRODUCTS

Create compact, adaptable 110 termination fields for voice and data by mounting 110 wiring bases to the wall or a backboard. Bases come in 50-, 100- or 300-pair densities. The 50- and 100-pair bases may be ordered with or without standoff legs. All 300-pair bases include stand-off legs, label strip holders and white paper labels. A 50-pair 89D bracket configuration is also available (89D bracket sold separately, page L38).

Complete kits are available for 100- and 300-pair wall-mount units and 89D wiring base, and include bases, C-4 or C-5 connecting blocks, label holders and white paper labels.

All components are UL listed and exceed the latest TIA-568-B standards and Category 5e transmission requirements. Verified by independent testing.



Kits available for 100- and 300-pair wiring bases (100-pair is shown above), and 50-pair 89D wiring base.

### GigaMax 5e 110-Style Wall-Mount Wiring Products

DESCRIPTION	CAT. NO.
[A] GigaMax 5e 110-Style Wiring Block, Wall-Mount w/legs, Cat 5e, 50-Pair	41AW1-050
[B] GigaMax 5e 110-Style Wiring Block, Wall-Mount w/legs, Cat 5e, 100-Pair	41AW2-100
[C] GigaMax 5e 110-Style Wiring Block, Wall-Mount w/legs, Cat 5e, 300-Pair	41AW2-300
[D] GigaMax 5e 110-Style Wiring Block, Wall-Mount w/o legs, Cat 5e, 50-Pair	41DW1-050
[E] GigaMax 5e 110-Style Wiring Block, Wall-Mount w/o legs, Cat 5e, 100-Pair	41DW2-100
GigaMax 5e 110-Style legs (2 ea) for use with 41DW1	410L2-050
[F] GigaMax 5e 110-Style legs (2 ea) for use with 41DW2	410L2-100
[G] GigaMax 5e 110-Style Horizontal Cord Manager w/o legs	41D10-HCM
[H] GigaMax 5e 110-Style Horizontal Cord Manager w/ legs	41A10-HCM
[I] GigaMax 5e 110-Style 50-Pair 89-D Base	41DW1-589

### GigaMax 5e 110-Style Wall-Mount Wiring Products – Kitted Versions

DESCRIPTION	CAT. NO. C4 CLIPS	CAT. NO. C5 CLIPS
[J] Wiring Block, Wall-Mount w/legs kit, Cat 5e, 100-Pair	41AB2-1F4	41AB2-1F5
Wiring Block, Wall-Mount w/o legs kit, Cat 5e, 100-Pair	41NB2-1F4	41NB2-1F5
Wiring Block, Wall-Mount w/legs kit, Cat 5e, 300-Pair	41AB2-3F4	41AB2-3F5

### 50-Pair 89D Wiring Base Kit

DESCRIPTION	CAT. NO.
50-Pair 89D Wiring Base Kit w/base, label strip holders, white label strips, (10) C-4 and (2) C-5 connectors	41DB1-5FT

Note: 89D Bracket sold separately, part number 40089-00D, page L38

Note: Category 5e and 6 110 wiring block legs are non-removable.

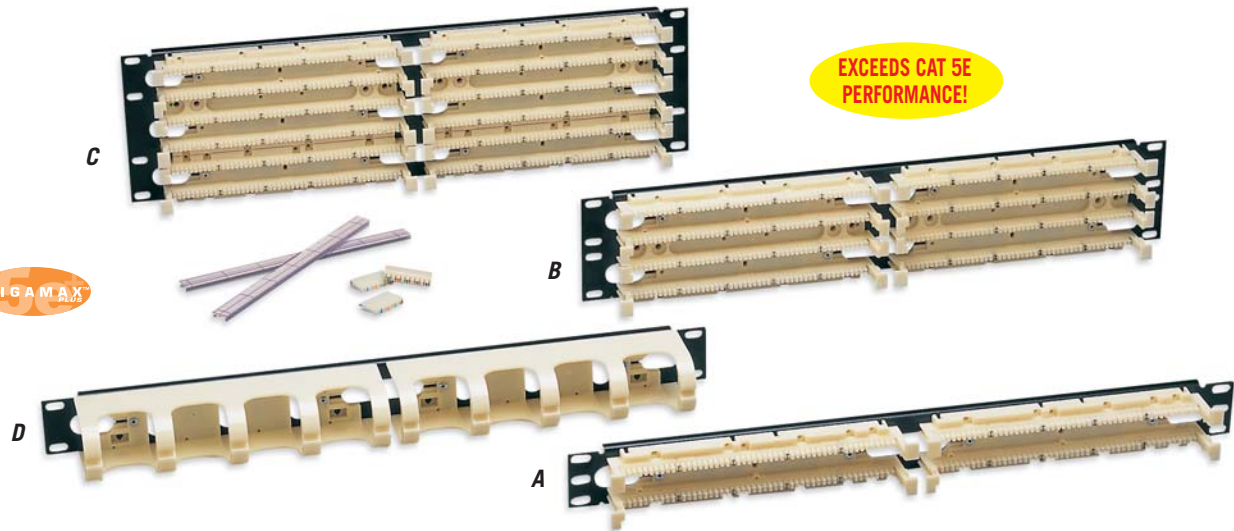
#### MATERIAL CHARACTERISTICS

- Horizontal cord managers and 110 wiring bases feature sturdy construction of fire-retardant plastic rated UL 94V-0. C-4 and C-5 connector blocks (sold separately or included in kitted versions) are fire-retardant UL 94V-0 plastic with solder-plated IDC's.



## RACK-MOUNT 110-STYLE WIRING PRODUCTS

GIGAMAX™  
5e



### Rack-Mount 110-Style Wiring Products

Rack-Mount 110 Wiring Products attach to standard 19" wide racks to create compact, adaptable 110 termination fields for voice and data. Panels come in 100-, 200- or 300-pair densities and terminate 22-26 AWG solid copper wire. Cord management is provided by horizontal cord managers (sold separately).

Kits for 100-, 200- and 300-pair rack-mount panels include the panel, C-4 and C-5 connecting blocks, label strip holders and white paper labels.

Horizontal cord managers and 110 wiring bases feature sturdy single-piece construction of fire-retardant plastic rated UL 94V-0. Wiring bases are attached to 19" wide steel rack-mount panels, painted black. Screws are included for mounting the panels onto 19" racks. C-4 and C-5 connector blocks are fire-retardant UL 94V-0 plastic with solder-plated IDC's.

All components are UL Listed, and exceed Category 5e transmission requirements. Verified by independent testing.

#### GigaMax™ 5e 110-Style Rack-Mount Wiring Blocks

DESCRIPTION	CAT. NO.
[A] GigaMax 5e 110-Style Wiring Block, Rack-Mount, Cat 5e, 100 Pair	41DR2-100
[B] GigaMax 5e 110-Style Wiring Block, Rack-Mount, Cat 5e, 200 Pair	41DR2-200
[C] GigaMax 5e 110-Style Wiring Block, Rack-Mount, Cat 5e, 300 Pair	41DR2-300
[D] Rack-Mount Horizontal Cord Manager (for part numbers listed above and below).	41D1R-HCM

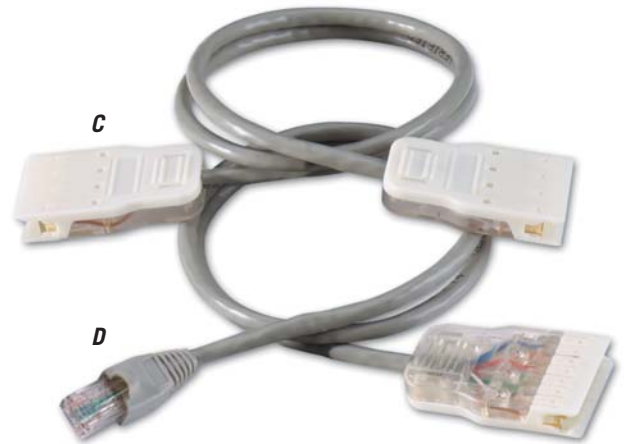
#### GigaMax 5e 110-Style Rack-Mount Wiring Products – Kitted Versions

DESCRIPTION	CAT. NO. C4 CLIPS	CAT. NO. C5 CLIPS
GigaMax 5e 110-Style Wiring Block, Rack-Mount kit, Cat 5e, 100-Pair	41DBR-1F4	41DBR-1F5
[E] GigaMax 5e 110-Style Wiring Block, Rack-Mount kit, Cat 5e, 200-Pair	41DBR-2F4	41DBR-2F5
GigaMax 5e 110-Style Wiring Block, Rack-Mount kit, Cat 5e, 300-Pair	41DBR-3F4	41DBR-3F5

Note: Leviton's Label Holders and Strips are ideal for identification of all your key 110 connections. See page L58.





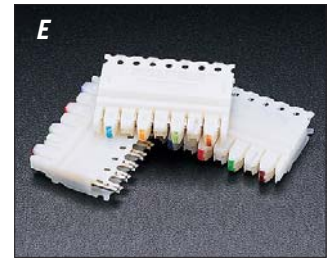


## GigaMax 5e 110-Style Patch Cords

**A–D** Make quick connections with GigaMax 110-Style Patch Cords. Available in 110 to 110 for cross connects and 110 to RJ45 (in both T568A and T568B wiring configurations) to connect to a panel or nearby workstation. The cords are offered in 1', 2', 3', 5', and 10' lengths, in gray with gray boots.

### GigaMax 5e 110-Style Patch Cords A-Tick

DESCRIPTION	CAT. NO. 1-FOOT	CAT. NO. 2-FOOT	CAT. NO. 3-FOOT	CAT. NO. 5-FOOT	CAT. NO. 7-FOOT	CAT. NO. 10-FOOT
[A] 110 to 110 Patch Cord, 1 pair	5G210-01S	5G210-02S	5G210-03S	5G210-05S	5G210-07S	5G210-10S
[B] 110 to 110 Patch Cord, 2 pair	5G220-01S	5G220-02S	5G220-03S	5G220-05S	5G220-07S	5G220-10S
[C] CAT 5e, 110 to 110 Patch Cord, 4 pair	5G240-01S	5G240-02S	5G240-03S	5G240-05S	5G240-07S	5G240-10S
[D] CAT 5e, 110 to 568A Patch Cord, 4 pair	5G34A-01S	5G34A-02S	5G34A-03S	5G34A-05S	5G34A-07S	5G34A-10S
CAT 5e, 110 to 568B Patch Cord, 4 pair	5G34B-01S	5G34B-02S	5G34B-03S	5G34B-05S	5G34B-07S	5G34B-10S



## GigaMax 5e 110-Style Connector Clips

**E** These high-quality connector clips securely seat the wires on 110 wiring bases, providing a gas-tight IDC connection that maintains signal integrity for high performance applications. Available in three Category 5/5e pair-count sizes: C-3, C-4 and C-5. These clips withstand 200 reterminations, and are made of fire-retardant plastic rated UL 94V-0 with solder-plated insulation displacement connectors.

### GigaMax 5e 110-Style Connector Clip

DESCRIPTION	CAT. NO.
GigaMax 5e 110-Style C-3 Connector Clips (bag of 10)	49103-IDC
GigaMax 5e 110-Style C-4 Connector Clips (bag of 10)	49104-IDC
GigaMax 5e 110-Style C-4 Connector Clips (bag of 50)	49104-I50
GigaMax 5e 110-Style C-5 Connector Clips (bag of 10)	49105-IDC

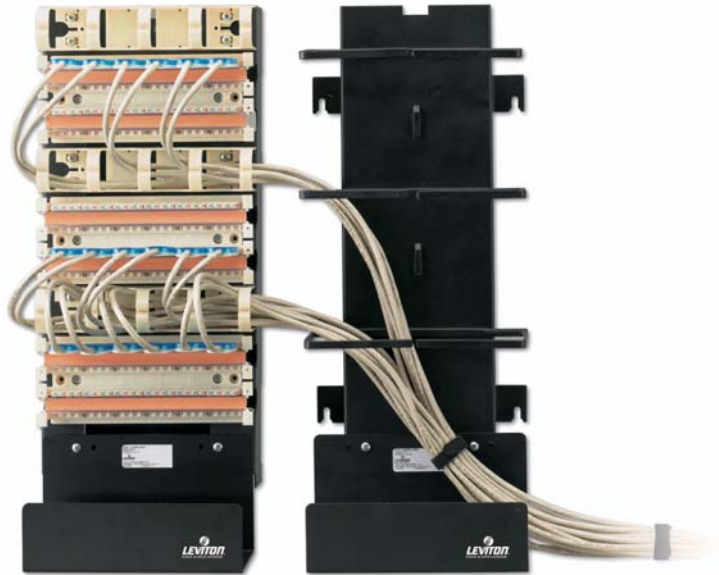




# 110-STYLE WALL-MOUNT FRAMES

CATEGORY 5

GIGAMAX™

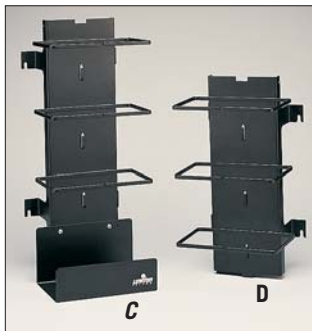


## 110-Style Wall-Mount Frames

**A-D** For 110 wall-mount applications, mounting frames provide additional options for cord/cable management, access, and density via a rear cable channel, side slots, horizontal cord managers and a bottom cable tray. Components are offered individually or in kits (see ordering information below for description of included parts).

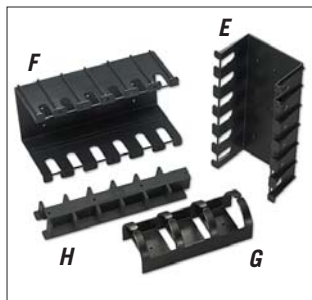
Begin with the basic mounting frames and vertical cord managers. Each has a 300-pair capacity—room for three 100-pair wiring bases, with 100-pair horizontal cord managers in between. The capacity for each mounting frame or vertical manager may be increased to 600 or 900 pairs with the addition of up to two 300-pair extension units.

Frames, trays and vertical cord managers are composed of sturdy steel, painted black; wiring bases, connector blocks and horizontal cord managers are fire-retardant plastic rated UL 94V-0. Kits include screws for attaching wiring bases and cord managers to the mounting frame. All components are UL Listed and exceed Category 5e transmission requirements. Verified by independent testing.



### Wall-Mounting Frame 110-Style Wiring Products

DESCRIPTION	CAT. NO.
[A] 300-pair Basic Mounting-Frame Unit (sheet metal frame and bottom cable tray only).	41MB2-SMF
[B] 300-pair Extension Mounting-Frame Unit (sheet metal frame only).	41MB2-SME
Basic Mounting Frame Kit with three 100-pair bases; mounting frame; cable tray; C-4 connector blocks; three horizontal cord managers; label strip holders and white label strips.	41MB2-3FT
Extension Mounting Frame Kit with three 100-pair bases; mounting frame; C-4 connector blocks; three horizontal cord managers; label strip holders and white label strips.	41MB2-EXT
[C] 300-pair Vertical Cord Manager, Basic unit; includes bottom cable tray.	41880-300
[D] 300-pair Vertical Cord Manager, Extension unit.	41880-EXT

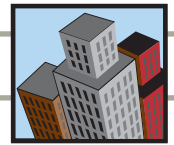


## 110-Style Channel Max™ System

**E-H** Manage your cable with the 110 ChannelMax System, perfect to maximize control in minimum space. Cable channel provides extra room in the rear, cable trough allows a clean connection at the CP/frame, and vertical spool manager helps to dress cross-connect cables.

### 110-Style Channel System

DESCRIPTION	CAT. NO.
[E] 3" Deep Vertical Cable Channel	41CMS-300
[F] 5" Deep Vertical Cable Channel	41CMS-500
[G] Horizontal Cable Management Trough	41CMS-HCM
[H] Vertical Spool Manager Mounting Bracket	41CMS-VSM



## 66-Connecting Blocks

These industry-standard blocks are used in equipment rooms to connect voice and data network wiring to customer premises equipment. They are also used in remote and intermediate wiring closets throughout larger installations as common connecting points for nearby equipment. Constructed of high-impact, fire-retardant molded thermoplastic, Leviton connecting blocks utilize phosphor bronze quick-connect insulation displacement clips for ease of installation, and proven mechanical and electrical reliability.

The 66 blocks may be installed individually or in pairs in a cross-connect system to facilitate subsequent adds, moves, and changes. In a cross-connect system, jumper wires are used to make connections between blocks. Stations can then be disconnected and reassigned without disturbing station wire—simply by moving the jumpers. Bridging clips can sometimes be used on split 50 blocks in place of jumpers.

### M BLOCK: 25-PAIR

**A** Contains 50 rows, each with a single clip having four slots as shown at left. Incoming cable pairs are connected by terminating the tip conductor on the leftmost slot of one row, and the ring conductor on the leftmost slot of the next lower row. The three remaining slots in each clip are available for cross-connects.

### SPLIT M BLOCK: 50-PAIR

**B** The split M block, like the 25-pair M Block, contains 50 rows of clips, but instead of one 4-slot clip, each row contains two separate 2-slot clips. By terminating 25 incoming pairs on the slots of the left-hand clips and an additional 25 pairs on the slots of the right-hand clips, 50 cross-connects can be made. Alternatively, bridging clips may be used to connect the two adjacent sets of clips together. (See Page L39.)

### M BLOCK WITH FEMALE CONNECTOR

**C** 50-pair M Block with prewired, pretested 25-pair female connector on left side fanning strip to speed connection of incoming pairs.

### M BLOCK WITH FEMALE AND MALE CONNECTORS

**D** 50-pair M Block with prewired, pretested 25-pair female connector on left and male connector on right for fastest installation. Simply plug in connectors and insert bridging clips to complete the connections.

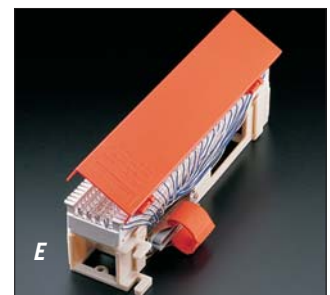
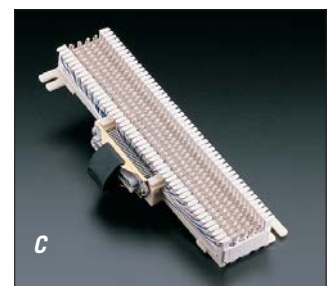
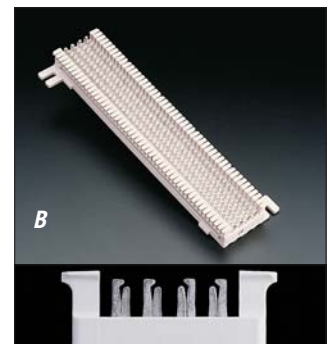
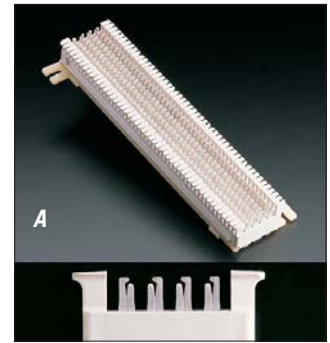
### CONNECTORIZED DEMARC BLOCK

**E** Designed for use at the demarcation point, this 50-pair M Block includes mounting bracket and snap-on orange cover with designation strip. Prewired, pretested 25-pair female connector mounted on right side speeds connection of customer premise equipment to the network interface.

## 66-Connecting Blocks

DESCRIPTION	CAT. NO.
[A] M Block: 25-pair (66M1-25) 10"H x 3 <sup>5</sup> / <sub>16</sub> "W x 1 <sup>3</sup> / <sub>16</sub> "D	40066-M25
[B] Split M Block: 50-pair (66M1-50) 10"H x 3 <sup>5</sup> / <sub>16</sub> "W x 1 <sup>3</sup> / <sub>16</sub> "D	40066-M50
[C] M Block with female connector (66M1-50W) 10"H x 3 <sup>5</sup> / <sub>16</sub> "W x 1 <sup>3</sup> / <sub>16</sub> "D	40066-0MW
[D] M Block with female and male connectors (66M1-50W2) 10"H x 3 <sup>5</sup> / <sub>16</sub> "W x 1 <sup>3</sup> / <sub>16</sub> "D	40066-MW2
[E] Connectorized Demarc Block (66M1-50R) 10"H x 3 <sup>13</sup> / <sub>32</sub> "W x 2 <sup>3</sup> / <sub>4</sub> "D	40066-0MR

Note: Numbers in parentheses refer to industry product designation.





## 66-CONNECTING BLOCK ACCESSORIES



### 66-Connecting Block Accessories

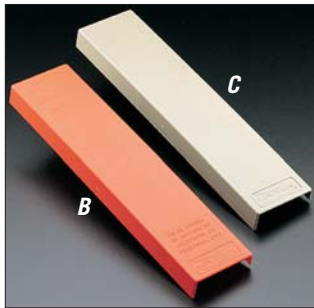
#### SNAP-ON COVER FOR M BLOCKS

**A** Snaps onto 25- and 50-pair M Blocks to protect wiring from dust, dirt and incidental shorting. Transparent plastic permits viewing of wiring and pair assignments. Durable, fire-retardant thermoplastic.

#### Snap-On Cover for M Blocks

DESCRIPTION	CAT. NO.
[A] Snap-on Cover for M Blocks (66MC-4) 9 <sup>15</sup> / <sub>16</sub> "H x 2 <sup>15</sup> / <sub>16</sub> "W x 1 <sup>5</sup> / <sub>16</sub> "D	40050-MCV

*Note: Number in parentheses refers to industry product designation.*



#### HINGED COVER FOR DEMARC BLOCKS

**B** Colored orange to identify the network demarcation point, this hinged cover snaps onto the right side fanning strip of 25- and 50-pair M Blocks to protect wiring from dust, dirt and incidental shorting. Allows wires to be routed from both left and right sides. Designation strip included on inside for recording pair assignments.

#### HINGED COVER FOR M BLOCKS

**C** Snaps into the right side fanning strip of 25- and 50-pair M Blocks. Protects wiring from dust, dirt, and incidental shorting. Allows wires to be routed from both left and right sides. Designation strip included on inside for recording pair assignments.

#### Hinged Cover for Demarc and M Blocks

DESCRIPTION	CAT. NO.
[B] Hinged Cover for Demarc Blocks: orange (66MC4LH-O) 10"H x 2 <sup>7</sup> / <sub>16</sub> "W x 3/4"D	40050-MHO
[C] Hinged Cover for M Blocks: grey (66MC4LH-G) 10"H x 2 <sup>7</sup> / <sub>16</sub> "W x 3/4"D	40050-MHG

*Note: Number in parentheses refers to industry product designation.*



#### M BLOCK BRACKET FOR JACK/CONNECTOR MOUNTING

**D** Standoff bracket for 25- and 50-pair M Blocks, 89-D 110 wiring bases (page L33), and QuickPort Patch Blocks (page L29). Bracket is open at top and bottom so that installers may mount bracket and lay cable, then install connecting block easily at a later date.

#### Standoff Bracket for M Blocks and M Block Bracket for Jack/Connector Mounting

DESCRIPTION	CAT. NO.
[D] M-Block Bracket for Jack/Connector Mounting (89-D) 10"H x 3 <sup>13</sup> / <sub>32</sub> "W x 1 <sup>1</sup> / <sub>2</sub> "D	40089-00D

*Note: Number in parentheses refers to industry product designation.*

#### WIRE DISTRIBUTION SPOOL

**E** Facilitates routing and fanning of cable, cross-connections, and jumper wires to any connection apparatus. Mounts conveniently on backboard of distribution frame.

#### WIRE DISTRIBUTION SPOOL WITH SCREW

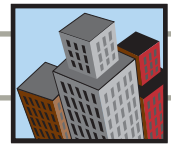
**F** Includes captive wood screw for quick backboard mounting.

#### Wire Distribution Spools

DESCRIPTION	CAT. NO.
[E] Wire Distribution Spool (20-A) 1 <sup>3</sup> / <sub>4</sub> "Dia. x 3"H	40054-ODS
[F] Wire Distribution Spool with screw (20-B) 1 <sup>3</sup> / <sub>4</sub> "Dia. x 3"H	40054-DSS

*Note: Number in parentheses refers to industry product designation.*





## 66-Connecting Block Accessories (continued)

### MODULAR ADAPTER

**A** Plugs into M Blocks to convert clip contacts to a modular jack for quick connection of equipment.

#### Modular Adapter

DESCRIPTION	CAT. NO.
[A] 2-Position Modular Adapter—Converts two clip contacts into a 6-position, 2-conductor modular jack	<b>40072-0T2</b> (Tap™-2)
[A] 4-Position Modular Adapter—Converts four contacts into a 6-position, 4-conductor modular jack	<b>40072-0T4</b> (Tap™-4)
[A] 6-Position Modular Adapter—Converts six contacts into a 6-position, 6-conductor modular jack	<b>40072-0T6</b> (Tap™-6)
[A] 8-Position Modular Adapter, T568B wiring—Converts eight contacts into an 8-position, 8-conductor non-keyed modular jack	<b>40072-0T8</b> (Tap™-008)

Note: TAP is a trademark of The Siemon Company.

### BRIDGING CLIPS

**B** Clips press onto the two center slots in any row of a Split M Block (as shown at left). If outside cable pairs are terminated on left-hand clips and station equipment wire is terminated on right-hand clips, then connections may be made or eliminated easily just by inserting or removing the bridging clips. They can also be used on other products which use 66-clips. Made of tin-plated phosphor bronze alloy, these clips can be easily removed and reused for rewiring.

#### Bridging Clips

DESCRIPTION	CAT. NO.
[B] Bridging Clips (SA-1), bag of 50 only	<b>40067-0BC</b>

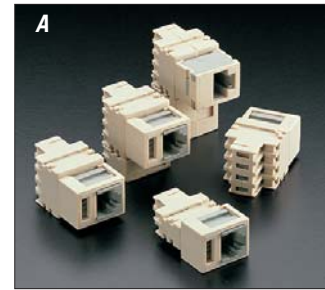
Note: Number in parentheses refers to industry product designation.

### Surface-Mount Mini Patch Panels

**C-E** For applications where space limitations or simple breakout patching does not justify the use of rack-mounted patch panels, Leviton offers a full-function Mini Patch Panel with modular jacks that can be mounted almost anywhere—even in cramped quarters. Combine two or more panels in-line and use patch cords to make and change connections. Leviton's modular jack design suits most voice and data applications.

#### Surface-Mount Mini Patch Panels

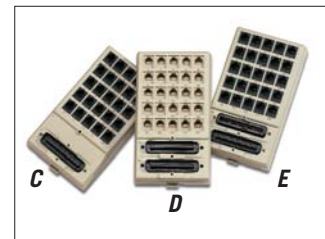
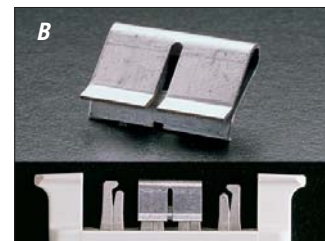
DESCRIPTION	CAT. NO.
[C] 25 6-position 2-conductor (RJ11) FCC Spec Jacks connected to a circuit board with one male 25-pair connector in surface-mount housing. Wired in standard T-R sequence (26-1, 27-2, 28-3, etc).	<b>41600-001</b>
[D] 25 6-position 4-conductor (RJ14) FCC Spec Jacks wired into two male 25-pair connectors in standard T-R sequence.	<b>41610-001</b>
[E] 25 6-position 2-conductor (RJ11) FCC Spec Jacks connected to a circuit board with two bridged 25-pair connectors (one male and one female) in standard T-R sequence for series connection.	<b>41620-001</b>



#### MATERIAL CHARACTERISTICS

##### Modular Adapter

- Housings: High-impact, fire-retardant plastic rated UL 94V-0.
- Spring wire contacts: Phosphor bronze plated with 50 microinches hard gold over 100 microinches nickel.
- Wire leads: PVC-insulated 26 AWG stranded copper.



#### MATERIAL CHARACTERISTICS

##### Surface-Mount Mini Patch Panels

- Housings: High-impact, fire-retardant plastic rated UL 94V-0.
- Connector terminals: High-strength copper alloy, selectively gold plated over nickel in contact area.
- Connectors meet the requirements of FCC Part 68 for standard telecommunications interface (RJ21X).





# OPT-X® 1000 1RU FIBER OPTIC ENCLOSURES



Front and rear tilt-up lids that provide unobstructed access to adapters and mounting plates.

SEE FIBER DENSITY CHART, PAGE L47

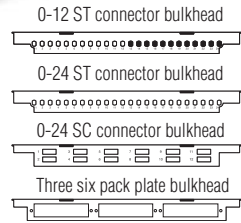
Slide rail option allows easy installation and re-entry regardless of equipment or enclosures above.



**For Faster Installation Ask for Pre-Terminated Enclosures**

Mounting brackets are reversible for mid- or flush-mounting in 19" racks.

High-density adapter bulkhead houses up to 24 ST® or 12 duplex SC adapters. Another version accepts three six-fiber mounting plates; configure with ST, FC, SC, LC and MT-RJ or add a QuickPort plate to create a multimedia enclosure.



Opt-X 1000 Low-Profile Rack-Mount shown in open view.

## Opt-X 1000 Low-Profile Rack-Mount Enclosures (1RU) w/o Rails 1.75"H x 19.0"W x 12.0"D <sup>UL</sup>

DESCRIPTION	CAT. NO.
24 Fiber ST Bulkhead w/6 adapters	5R030-OAB
24 Fiber SC Bulkhead w/3 duplex adapters	5R030-OHB
12-48 Fiber, empty (accepts 3 adapter plates, sold sep.)	5R130-OON
12 Fiber, loaded w/ST adapters	5R230-OAB
24 Fiber, loaded w/6 duplex SC adapters	5R230-OHB
24 Fiber, unloaded, punched for ST adapters	5R330-OAA
24 Fiber, unloaded, punched for duplex SC adapters	5R330-OHA
24 Fiber loaded w/ST adapters	5R330-OAB
24 Fiber loaded w/12 duplex SC adapters	5R330-OHB

## Add-On Slide Rail Kit

DESCRIPTION	CAT. NO.
Slide Rail Kit for 0-24 or 0-72 fiber Rack-Mount enclosures only	5S100-SLM

## Opt-X 1000 Low-Profile Rack-Mount Enclosures (1RU) w/Rails 1.75"H x 19.0"W x 12.0"D <sup>UL</sup>

DESCRIPTION	CAT. NO.
24 Fiber ST Bulkhead w/6 adapters	5P030-OAB
24 Fiber SC Bulkhead w/3 duplex adapters	5P030-OHB
12-48 Fiber empty (accepts 3 adapter plates, sold sep.)	5P130-OON
12 Fiber loaded w/ST adapters	5P230-OAB
24 Fiber loaded w/6 duplex SC adapters	5P230-OHB
0-24 Fiber unloaded, punched for ST adapters	5P330-OAA
0-24 Fiber unloaded, punched for duplex SC adapters	5P330-OHA
24 Fiber loaded w/ST adapters	5P330-OAB
24 Fiber loaded w/12 duplex SC adapters	5P330-OHB

## Replacement Door

DESCRIPTION	CAT. NO.
24 Fiber Rack-Mount Metal Replacement Door	5D000-1RM

**LOADED** = The enclosure's bulkhead contains the specified couplings.

**UNLOADED** = The enclosure includes a bulkhead which has openings for, but does not include, the specified couplings.

**EMPTY** = No bulkhead coupling plates are included.

Note: For mounting plates and accessories, see pages L46 and L47.

Note: Custom lengths and configurations on pigtailed available; call customer service for more information: 1-800-722-2082



# OPT-X® 1000 2RU FIBER OPTIC ENCLOSURES



Horizontal entry ports in the front and back and vertical entry ports in the rear offer egress/ ingress for distribution of patch cables.

SEE FIBER DENSITY CHART, PAGE L47

For Faster Installation Ask for Pre-Terminated Enclosures



Front and rear tilt-up lids that provide unobstructed access to adapters and mounting plates.

Room for up to 6 Mounting Plates, housing a wide variety of SC, FC, ST, LC and MT-RJ adapters. See Fiber Density Chart on page L47.

Metal or smoked polycarbonate doors. Metal doors are available with or without a lock.

## Opt-X 1000 Fiber Optic Enclosures (2RU) 3.5"H x 19.0"W x 12.0"D

DESCRIPTION	CAT. NO.
2RU Replacement Metal Door	5D000-3RM
2RU Replacement Poly Door	5D000-3RP

### Replacement Doors

DESCRIPTION	CAT. NO.
2RU Replacement Metal Door	5D000-3RM
2RU Replacement Poly Door	5D000-3RP

### Accessories

DESCRIPTION	CAT. NO.
12 Splice Ditel Splice Kit	5T000-00T
3M Fiblock™ Splice Holder	5T000-3MT
AT&T Rotary Splice Holder	5T000-ATT
Lock and Key	5L000-LOK
Slide mounts (kit)	5S100-SLM
Fiber rings, 2 per pack, 2.5" diameter	5R100-0FR

**PLEASE NOTE:** All STOCK configurations of this rack-mount enclosure are sold 'empty,' or without any mounting plates installed. Capacity is dependent upon configuration of mounting plates as shown in note. Rack-mount enclosures DO include grounding/strain relief, grommets, labels, and the appropriate number of cable management rings.

Note: For mounting plates and accessories. See pages L46 and L47.

Note: Custom lengths and configurations on pigtailed available; call customer service for more information: 1-800-722-2082

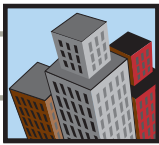


Wall mount or rack mount for maximum flexibility.



Wall-mount or Rack-mount! Mid- or flush-mount the 2RU in any space on a standard 19" or 23" rack, or use the universal mounting brackets to flush mount on a wall.

Enclosures



# OPT-X® 1000 3RU and 6RU FIBER OPTIC ENCLOSURES



Tilt-up rear door provides unobstructed access to the fiber loop.

SEE FIBER DENSITY CHART, PAGE L47

Front and rear doors drop down flat to act as a workshelf, or can be removed completely. Available in metal or smoked polycarbonate.



Reversible mounting brackets allow mounting on 19" or 23" industry standard equipment frames; move forward for flush mount positioning in NEMA enclosures.

**For Faster Installation  
Ask for Pre-Terminated  
Enclosures**



## Opt-X 1000 Rack-Mount Enclosures, 3 Rack Units High (3RU) 5.25"H x 19.0"W x 12.0"D

DESCRIPTION	CAT. NO.
3RU, Empty with metal door, no lock	5R730-00N
3RU, Empty with metal door and one lock/key	5R740-00N
3RU, Empty with smoked polycarbonate door, no lock	5R760-00N

## Opt-X 1000 Rack-Mount Enclosures, 6 Rack Units High (6RU) 10.25"H x 19.0"W x 12.0"D

DESCRIPTION	CAT. NO.
6RU, Empty with metal door, no lock	5R930-00N
6RU, Empty with metal door and one lock/key	5R940-00N
6RU, Empty with smoked polycarbonate door, no lock	5R960-00N



### Add-On Slide Rail Kit

DESCRIPTION	CAT. NO.
Slide rail kit for 3RU or 6RU fiber Rack-Mount enclosures only	5S100-SLM

### Replacement Doors

DESCRIPTION	CAT. NO.
3RU Rack-Mount replacement metal door	5D000-2RM
3RU Rack-Mount replacement smoked poly door	5D000-2RP

### Add-On Lock and Key

DESCRIPTION	CAT. NO.
Add security to an existing door for this enclosure—simply remove the black plastic plug on the door front, and replace with lock mechanism. Lock and Key	5L000-LOK

#### FEATURES

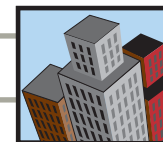
- Includes 8 (3RU) or 16 (6RU) plastic blank mounting plates to inexpensively fill up any unused locations.
- Houses up to 12 (3RU) or 24 (6RU) mounting plates for assorted fiber or multimedia applications. See chart on page L47.

**PLEASE NOTE:** All STOCK configurations of this rack-mount enclosure are sold 'empty,' or without any mounting plates installed. Capacity is dependent upon configuration of mounting plates as shown in note. Rack-mount enclosures DO include grounding/strain relief, grommets, labels, 8 or 16 blank plastic mounting plates, and the appropriate number of cable management rings.

Note: For mounting plates and accessories. See pages L46 and L47.

Note: Custom lengths and configurations on pigtailed available; call customer service for more information: 1-800-722-2082.

# OPT-X® 1000 WALL-MOUNT FIBER OPTIC ENCLOSURES



Doors are L-shaped for maximum access to couplings through the open sidewall.

Door options:

- Split with single lock
- Split with two locks (custom option)
- Solid with single lock
- Solid without lock



Houses 2 (small), 4 (medium) or 12 mounting plates for assorted fiber or multimedia applications. See chart on page L47.

SEE FIBER DENSITY CHART, PAGE L47

**For Faster Installation  
Ask for Pre-Terminated  
Enclosures**

Unique cable management ring is adjustable and stackable to simplify fiber loop installation, bend radius compliance, and future maintenance/additions. Stores 3 meters of 900 micron fiber per adapter.

Sidewall cutout gives completely unobstructed access to the mounting plates when door is open (covered when door is closed).

## Opt-X 1000 Small Wall-Mount Enclosures 8.0"H x 13.0"W x 3.5"D

DESCRIPTION	CAT. NO.
Small, Empty with solid metal door, no lock, holds no splice trays	5W110-00N
Small, Empty with split metal door and one lock/key, holds no splice trays	5W120-00N
Small, Empty with solid metal door and lock/key, holds no splice trays	5W170-00N

## Opt-X 1000 Medium Wall-Mount Enclosures 14.0"H x 12.0"W x 5.25"D

DESCRIPTION	CAT. NO.
Medium, Empty with solid metal door, no lock, holds 6 splice trays	5W310-00N
Medium, Empty with split metal door and one lock/key, holds 6 splice trays	5W320-00N
Medium, Empty with solid metal door and one lock/key, holds 6 splice trays	5W370-00N

## Opt-X 1000 Large Wall-Mount Enclosures 17.0"H x 15.0"W x 5.25"D

DESCRIPTION	CAT. NO.
Large, Empty with solid metal door, no lock, holds 6 splice trays	5W710-00N
Large, Empty with split metal door and one lock/key, holds 6 splice trays	5W720-00N
Large, Empty with solid metal door and lock/key, holds 6 splice trays	5W770-00N

## Add-On Lock and Key

DESCRIPTION	CAT. NO.
Add security to an existing metal enclosure door. Simply remove the black plastic plug on the door front, and replace with lock mechanism. Lock and Key	5L000-LOK

**PLEASE NOTE:** All STOCK configurations of this wall-mount enclosure are sold 'empty,' or without any mounting plates installed. Capacity is dependent upon configuration of mounting plates shown on page L46. The wall-mount enclosures DO include grounding/strain relief, grommets, labels, and the appropriate number of cable management rings. Large Wall-Mount Enclosure includes 8 blank plastic mounting plates.

Note: For mounting plates and accessories. See pages L46 and L47.

Note: Custom lengths and configurations on pigtails available; call customer service for more information: 1-800-722-208.





# OPT-X® 500 and OPT-X® 250 FIBER OPTIC ENCLOSURES

## Opt-X 500 1RU, 2RU and 3RU Fiber Optic Enclosures



SEE FIBER DENSITY CHART, PAGE L47



1RU with cover



2RU with cover



3RU with cover



For Faster Installation Ask for Pre-Terminated Enclosures

### Opt-X 500 Fiber Enclosures, 3 Rack Units High (3RU) 5.25"H x 19.0"W x 12.0"D <sup>UL</sup>

DESCRIPTION	CAT. NO.
[A] 1RU, empty with metal cover, no lock	5R1UA-A03
[B] 2RU, empty with metal cover, no lock	5R2UA-A06
[C] 3RU, empty with metal cover, no lock	5R3UA-A12

### Opt-X 250 1RU Fiber Optic Panel



### Opt-X 250 Fiber Panel 1.75"H x 19.0"W x 7.7"D <sup>UL</sup>

DESCRIPTION	CAT. NO.
1RU, empty with no metal cover, no lock	5R1UE-A03

#### FEATURES

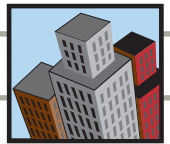
##### Opt-X 500 Fiber Enclosure

- One-piece removable cover protects and conceals patch cords and allows for complete accessibility to the back of the enclosure.
- Mounting brackets allow for installation on any rack space.
- Stores 3 meters of 900 micron tight buffered fiber per adapter.
- Multiple bend radius and cable management features including 2 cable tie down features in front, and 4 in back, protect and organize cables.

##### Opt-X 250 Fiber Panel

- Perfect for small to medium installations with excellent flexibility at a competitive price.
- Utilizes minimum rack space while providing space for up to three (3) adapter plates or splice trays (more splice trays if no obstructions).
- Two fiber management rings easily attach to low profile mounting clips for customized positioning. Includes multiple bend radius and cable management features.
- Open back allows easy access and management in all directions.
- Mounting brackets allow panel to be installed on any rack space.





**Singlemode**



**Multimode**



**Pigtail**



**Laser Optimized**

## Fiber Optic Cable Assemblies



Leviton offers an extensive line of high quality fiber optic cable assemblies, including laser optimized versions as well as pigtails for frame and workstation. Strenuously tested for return and insertion loss, and held to strict internal quality standards, these cable assemblies are developed to exceed TIA 568-B.3 standards.

Choose from standard & hybrid combinations of connectors, in singlemode and multimode, for cable assemblies and pigtails in ST, SC, FC, LC and MT-RJ styles. Laser optimized assemblies are available in a 50µm core style with a variety of connection configurations including combinations of MT-RJ, ST, SC and LC connectors and provide 10-gig performance for higher bandwidth requirements at greater distances.

We also provide custom lengths and configurations manufactured to your exact specifications—simply call customer service for more information. **PLEASE NOTE: CUSTOM LENGTHS MAY REQUIRE A WAITING PERIOD.** All cables are OFNR\* rated and meet all applicable TIA/EIA and industry standards.

\*OFNP-rated cables are available as a special order. See below.

## Configure Your Catalog Number

Fiber Optic Cable Assemblies, OFNR Rated — Configure your Catalog Number by following the key below



Examples: **50DSC-M05** = 50 micron Duplex SC-SC multimode connector – 5 meters,  
**SPSCT-S10** = SPC polish Simplex SC-ST singlemode connector – 10 meters

Step 1		Step 2		Step 3			Step 4		Step 5			
CORE STYLE/POLISH TYPE (AA)		CABLE TYPE (B)		CONNECTOR COMBINATIONS (CC)			MODE (D)		CABLE LENGTH (EE)			
<b>Multimode Core</b>	<b>Code</b>	<b>Cable Type</b>	<b>Code</b>	<b>Standard &amp; Pigtail</b>	<b>Code</b>	<b>Hybrid</b>	<b>Code</b>	<b>Mode Type</b>	<b>Code</b>	<b>Length/m</b>	<b>Length/ft</b>	<b>Code</b>
50µm size	<b>50</b>	Simplex	<b>S</b>	MT-RJ-to-MT-RJ	<b>MJ</b>	SC-to-ST	<b>CT</b>	Singlemode	<b>S</b>	1 meter	3.3'	<b>01</b>
62.5µm size	<b>62</b>	Duplex	<b>D</b>	ST-to-ST	<b>ST</b>	SC-to-FC	<b>CF</b>	Multimode	<b>M</b>	2 meters	6.6'	<b>02</b>
50µm laser optimized	<b>5L</b>	Pigtail	<b>P</b>	SC-to-SC	<b>SC</b>	SC-to-MT-RJ	<b>CM</b>	<i>Note: This will depend on selected Core Size/Polish as indicated in Step 1.</i>				
<b>Singlemode Core</b>		<i>Note: MT-RJ is always duplex. Simplex and duplex cannot be combined.</i>		FC-to-FC	<b>FC</b>	ST-to-MT-RJ	<b>TM</b>			3 meters	9.8'	<b>03</b>
PC polish (physical contact)	<b>PC</b>			LC-to-LC	<b>LC</b>	ST-to-FC	<b>TF</b>			5 meters	16.4'	<b>05</b>
SPC polish (super physical contact)	<b>SP</b>					SC-to-LC	<b>CL</b>			10 meters	32.8'	<b>10</b>
UPC polish (ultra physical contact)	<b>UP</b>					ST-to-LC	<b>TL</b>			<i>Note: Custom lengths available upon request. Call Customer Service at 1(800) 722-2082 for more information.</i>		
APC polish (angle physical contact)	<b>AP</b>					FC-to-LC	<b>FL</b>					





## FIBER OPTIC ACCESSORIES

Loaded:



A



B



C



D



E



F



G



H



I



J



K



L



M



N

**LOADED** = includes the specified couplings installed.

**3-pack, 6-pack, 8-pack, 12-pack** = capacity of up to 3, 6, 8 or 12 connectors, respectively.

### Loaded Fiber Mounting Plates

#### Loaded Fiber Mounting Plates with Pre-Installed Adapters

DESCRIPTION	CAT. NO.
[A] 6-Pack ST, phos. bronze sleeve 6-Pack ST, zirconia ceramic sleeve	5F100-1ST 5F100-6ZT
[B] 8-Pack ST, phos. bronze sleeve 8-Pack ST, zirconia ceramic sleeve	5F100-8ST 5F100-8ZT
[C] 6-Pack FC, phos. bronze sleeve 6-Pack FC, zirconia ceramic sleeve	5F100-6PF 5F100-6ZF
[D] 8-Pack FC, phos. bronze sleeve 8-Pack FC, zirconia ceramic sleeve	5F100-8PF 5F100-8ZF
[E] 3-Pack Duplex SC (beige), phos. bronze sleeve	5F100-3BC
[F] 3-Pack Duplex SC (blue), phos. bronze sleeve 3-Pack Duplex SC (blue), zirconia ceramic sleeve	5F100-3SC 5F100-3ZC
[G] 6-Pack Duplex SC (beige), phos. bronze sleeve	5F100-6BC
[H] 6-Pack Duplex SC (blue), phos. bronze sleeve 6-Pack Duplex SC (blue), zirconia ceramic sleeve	5F100-CSC 5F100-6ZC
[I] 6-Pack MT-RJ (beige), dual polarity multimode	5F100-6MC
[J] 12-Pack MT-RJ (beige), dual polarity multimode	5F100-12M
[K] 6-Pack Duplex LC (12-fiber) (beige), phos. bronze sleeve	5F100-12P
[L] 6-Pack Duplex LC (12-fiber) (blue), zirconia ceramic sleeve	5F100-12Z
[M] 6-Pack Quad LC (24-fiber) (beige), phos. bronze sleeve	5F100-24P
[N] 6-Pack Quad LC (24-fiber) (blue), zirconia ceramic sleeve	5F100-24Z



## Unloaded Fiber Mounting Plates

### Unloaded Fiber Mounting Plates — Adapters not included

DESCRIPTION	CAT. NO.
[A] 6-Pack ST/FC	<b>5F100-OST</b>
[B] 8-Pack ST/FC	<b>5F100-NST</b>
[C] 3-Pack Duplex SC/3-Pack Quad LC (12-fiber)	<b>5F100-3CE</b>
[D] 6-Pack Duplex SC/6-Pack Quad LC (24-fiber)	<b>5F100-OSC</b>
[E] 6-Pack MT-RJ/6-Pack Duplex LC (12-fiber)	<b>5F100-OMT</b>
[F] 12-Pack MT-RJ	<b>5F100-012</b>
[G] 6-Pack QuickPort Snap-In Connector	<b>5F100-6QP</b>
[H] Blank, metal	<b>5F100-BLK</b>
Blank, plastic	<b>5F100-BPP</b>

### Styles

#### RACK MOUNT DENSITY

##### Low Profile 1RU

*Holds 1 Bulkhead w/or w/o 3 Mounting Plates*

6-pack ST = up to 18 Fibers
8-pack ST = up to 24 Fibers
6-pack FC = up to 18 Fibers
8-pack FC = up to 24 Fibers
3-pack Duplex SC = up to 18 Fibers
6-pack Duplex SC = up to 24 Fibers
6-pack MT-RJ = up to 36 Fibers
12-pack MT-RJ = up to 72 Fibers

##### 2RU Holds up to 6 Mounting Plates

6-pack ST = up to 36 Fibers
8-pack ST = up to 48 Fibers
6-pack FC = up to 36 Fibers
8-pack FC = up to 48 Fibers
3-pack Duplex SC = up to 36 Fibers
6-pack Duplex SC = up to 72 Fibers
6-pack MT-RJ = up to 72 Fibers
12-pack MT-RJ = up to 144 Fibers

##### 3RU Holds up to 12 Mounting Plates

6-pack ST = up to 72 Fibers
8-pack ST = up to 96 Fibers
6-pack FC = up to 72 Fibers
8-pack FC = up to 96 Fibers
3-pack Duplex SC = up to 72 Fibers
6-pack Duplex SC = up to 144 Fibers
6-pack MT-RJ = up to 144 Fibers
12-pack MT-RJ = up to 288 Fibers

##### 6RU Holds up to 24 Mounting Plates

6-pack ST = up to 144 Fibers
8-pack ST = up to 192 Fibers
6-pack FC = up to 144 Fibers
8-pack FC = up to 192 Fibers
3-pack Duplex SC = up to 144 Fibers
6-pack Duplex SC = up to 288 Fibers
6-pack MT-RJ = up to 288 Fibers
12-pack MT-RJ = up to 576 Fibers

#### WALL MOUNT DENSITY

##### Small Holds up to 2 Mounting Plates

6-pack ST = up to 12 Fibers
8-pack ST = up to 16 Fibers
6-pack FC = up to 12 Fibers
8-pack FC = up to 16 Fibers
3-pack Duplex SC = up to 12 Fibers
6-pack Duplex SC = up to 24 Fibers
6-pack MT-RJ = up to 24 Fibers
12-pack MT-RJ = up to 48 Fibers

##### Medium Holds up to 4 Mounting Plates

6-pack ST = up to 24 Fibers
8-pack ST = up to 32 Fibers
6-pack FC = up to 24 Fibers
8-pack FC = up to 32 Fibers
3-pack Duplex SC = up to 24 Fibers
6-pack Duplex SC = up to 48 Fibers
6-pack MT-RJ = up to 48 Fibers
12-pack MT-RJ = up to 96 Fibers

##### Large Holds up to 12 Mounting Plates

6-pack ST = up to 72 Fibers
8-pack ST = up to 96 Fibers
6-pack FC = up to 72 Fibers
8-pack FC = up to 96 Fibers
3-pack Duplex SC = up to 72 Fibers
6-pack Duplex SC = up to 144 Fibers
6-pack MT-RJ = up to 144 Fibers
12-pack MT-RJ = up to 288 Fibers

### Unloaded:



A



B



C



D



E



F



G



H

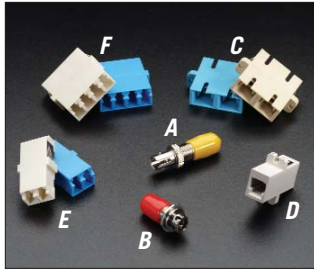
**UNLOADED** = punched for, but not including the specific couplings.

**3-pack, 6-pack, 8-pack, 12-pack** = capacity of up to 3, 6, 8 or 12 connectors, respectively.



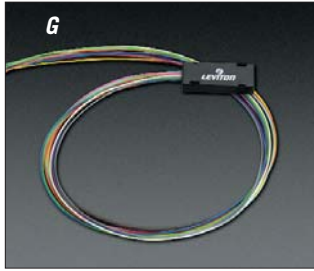
# FIBER OPTIC ACCESSORIES

Connectors



## Fiber Adapters

DESCRIPTION	CAT. NO.
[A] ST® Adapter w/Phosphor Bronze Sleeve ST Adapter w/Zirconia Sleeve	49882-SAD 49882-ZAD
[B] FC Adapter w/Phosphor Bronze Sleeve FC Adapter w/Zirconia Sleeve	49883-SAD 49883-MAD
[C] SC Duplex Adapter (blue) w/Zirconia Sleeve SC Duplex Adapter (blue) w/Phosphor Bronze Sleeve SC Duplex Adapter (beige) w/Phosphor Bronze Sleeve	49884-SAD 49884-MAD 49884-BAD
[D] MT-RJ Adapter (beige)	49889-MAD
[E] Duplex LC Adapter (beige) Duplex LC Adapter (blue)	5F100-DLC 5F100-DLZ
[F] Quad LC Adapter (beige) Quad LC Adapter (blue)	5F100-QLC 5F100-QLZ



## FIBER OPTIC FAN-OUT KIT

**G** Protect your bare fiber and prepare loose-tube cable for direct termination to connectors with these simple 6- or 12-strand kits. Available in 24" or 36" lengths. Kits separate 250 µm fibers and route them into color-coded 900 µm buffer tubes. No proprietary tools required. Can be used with any manufacturers loose-tube cabling, and any industry standard connectors.

## Fiber Optic Fan-Out Kit

DESCRIPTION	CAT. NO.
[G] 24" Fiber Optic Fan-Out Kit, 6-fiber 24" Fiber Optic Fan-Out Kit, 12-fiber	49887-06S 49887-12S
36" Fiber Optic Fan-Out Kit, 6-fiber 36" Fiber Optic Fan-Out Kit, 12-fiber	49887-06L 49887-12L



## FIBER OPTIC FAN-OUT CONSUMABLES KIT

**H** Leviton's Fan-Out Consumables Kit contains everything to properly terminate at least 10 Fiber Optic Fan-Out Kits, including lint-free wipes, alcohol pads, d'Gel™ packets, sealant, and talc powder

## Fiber Optic Fan-Out Kit

DESCRIPTION	CAT. NO.
[H] Fan-Out Consumables Kit	49800-FAN



## SPLICE TRAY KITS

### Splice Tray Kits

DESCRIPTION	CAT. NO.
[I] 12-splice Ditel™ Splice Tray Kit (Comes standard with Fusion/Heatshrink splice holders) Fiblok™ Splice Holder AT&T™ Rotary Splice Holder	5T000-00T 5T000-3MT 5T000-ATT



## EXTRA CABLE MANAGEMENT RINGS

### Extra Cable Management Rings

DESCRIPTION	CAT. NO.
[J] Additional Fiber Cable Management Rings (package of 2)— Can be stacked on top of existing rings for additional cable storage or management.	5R100-0FR

## DUPLEX CLIPS

**K-N** The Duplex Clips allow you to keep two assembled connectors together to maintain "transmit/receive" fiber integrity.

### Duplex Clips

DESCRIPTION	CAT. NO.
[K] Thread-Lock SC Duplex Clip, 25 clips per polybag	49884-DPC
[L] Fast-Cure SC Duplex Clip, (beige) 25 clips per polybag	49886-DSC
[M] Fast-Cure LC Duplex Clip, (beige) 25 clips per polybag	49886-DLM
[N] Fast-Cure LC Duplex Clip, (blue) 25 clips per polybag	49886-DLS





## Telecommunications Enclosures for Active Zone Cabling

Leviton's telecommunications enclosures add flexibility and manageability to cabling infrastructure. Active ceiling enclosures install flush with the drop ceiling for a clean, unobtrusive look. Recessed panels in doors may be fitted with a ceiling tile. Fully hinged, drop down doors support installed equipment and open to face the technician for safe, easy access. Manufactured of aluminum, all ceiling enclosures are plenum rated and include two edge-protected cable access ports with fire rated foam sealing kits.

### 2' x 2' Active Ceiling Enclosure

**A** Accommodates one removable assembly with total 2RU of active electronics and up to 5RU (2U+1U+2U) of 19" rack-mount patch panels and wire management. Units are AC Power ready and include a 9 CFM fan with transformer capable of providing more than 100 air changes per hour. UL Listed.

### 2' x 2' Active Ceiling Enclosure 12.0"H x 24.0"W x 24.0"L

DESCRIPTION	CAT. NO.
[A] Active Ceiling Enclosure, 2' x 2'	Z1000-AC2

### 2' x 4' Active Ceiling Enclosure

**B** For hubs, switches and patch panels in high density areas, these enclosures house two removable rack-mount assemblies each with 4RU (total 8RU) of mounting space for active components and up to 10RU divided (2U+1U+2U) of 19" rack-mount patch panels and wire management. Units are AC Power ready and include a 9 CFM fan with transformer capable of providing more than 100 air changes per hour. UL listed.

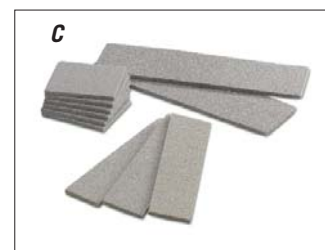
### 2' x 4' Active Ceiling Enclosure 12.0"H x 24.0"W x 48.0"L

DESCRIPTION	CAT. NO.
[B] Active Ceiling Enclosure, 2' x 4'	Z1000-AC4

## Accessories

### Enclosure Accessories

DESCRIPTION	CAT. NO.
[C] Foam kit for zone ceiling enclosures	Z1000-FM1
Chrome Lock Kit	Z1000-LOK
Replacement Keys (2)	Z1000-KEY







## PASSIVE ZONE CABLING



### Telecommunications Enclosures for Passive Zone Cabling

These easy-to-install enclosures provide flexible consolidation point placement in the floor or ceiling. Manufactured of aluminum, enclosures are plenum rated and include fire-rated foam sealing kits. .

A



#### 2' x 2' Passive Ceiling Enclosure

A For consolidation points within the ceiling, these enclosures accommodate up to 5RU (2U+1U+2U) of 19" rack-mount patch panels and or wire management. Enclosures install flush with the drop ceiling and recessed panels in doors may be fitted with a ceiling tile for a clean, unobtrusive look. Fully hinged, drop down doors support installed equipment and open to face the technician for safe, easy access. UL listed.

#### 2' x 2' Passive Ceiling Enclosure

DESCRIPTION	CAT. NO.
[A] Passive Ceiling Enclosure, 2' x 2'	Z1000-PC2

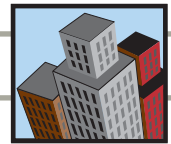
#### 2' x 2' Passive Raised Floor Enclosure

For consolidation points in air handling spaces under 8" deep raised floors, this enclosure holds two 4RU (8U total) racks to accommodate any combination of standard 19" rack-mountable patch panels or wire management. Rotating patch panel mounting locations provide easy access to rear of patch panels for easy terminations. UL listed

#### 2' x 2' Passive Raised Floor Enclosure

DESCRIPTION	CAT. NO.
Passive Raised Floor Enclosure, 8" depth	Z1000-PF2





## Wireless Access Point Enclosures

### WIRELESS ACCESS POINT CEILING ENCLOSURE, 10" DEEP

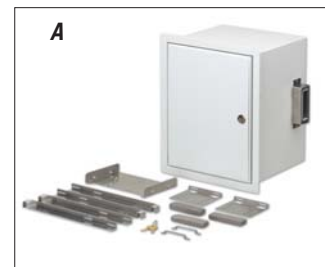
**A** Mount these enclosures into standard 2' x 2' ceiling tiles for a clean look and easy access. Each unit is designed to house a variety of wireless access points. Single edge-protected access port includes a fire-rated foam sealing kit, making it suitable for air handling spaces. Doors are fully hinged and lockable. The enclosure is painted white to blend with ceiling tiles. Multiple door faceplates, including a blank one, are sold separately to accommodate a variety of wireless equipment. UL listed.

### WIRELESS ACCESS POINT CEILING ENCLOSURE, 4" DEEP

**B** This ceiling mount enclosure accommodates one wireless access point or bridge. The removable door mounted bracket supports equipment up to 10<sup>1</sup>/<sub>2</sub>" wide by 5<sup>1</sup>/<sub>2</sub>" deep by 1<sup>7</sup>/<sub>8</sub>" high. Fully hinged door is lockable for security and is stamped with two obround holes centered 5" apart allowing antennas to extend below the drop ceiling. UL listed.

### Wireless Access Point Ceiling Enclosures

DESCRIPTION	CAT. NO.
[A] Wireless Access Point Ceiling Enclosure, 10" Depth, w/o Faceplate	W1000-WCE
[B] Wireless Access Point Ceiling Enclosure, 4" Depth	W1000-WCO



## Faceplates

### Wireless Access Point Ceiling Enclosure Faceplates

DESCRIPTION	CAT. NO.
Blank Faceplate (Fits 10" Wireless Access Point Enclosure)	W1000-F01
Faceplate for Cisco Aironet™ 350 (Fits 10" Wireless Access Point Enclosure)	W1000-F02
Faceplate for Cisco Aironet 1100 (Fits 10" Wireless Access Point Enclosure)	W1000-F03
Faceplate for Cisco Aironet 1200 (Fits 10" Wireless Access Point Enclosure)	W1000-F04



### WIRELESS ACCESS POINT WALL-MOUNT ENCLOSURE

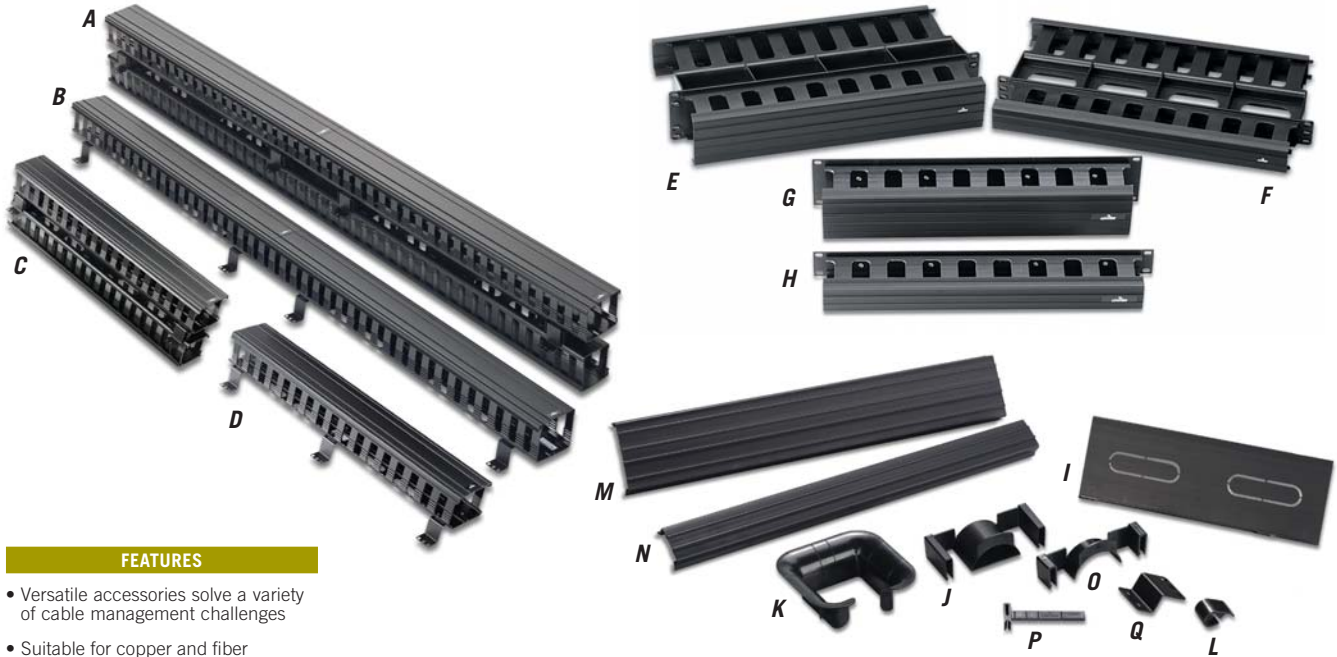
**C** Constructed of rugged steel with a lock assembly these enclosures are perfect for areas where there is limited floor or ceiling space and a need for security. Inside space accommodates a Cisco® Aironet® 350 or equivalent equipment sized 9" wide by 6<sup>1</sup>/<sub>2</sub>" high by 2<sup>3</sup>/<sub>4</sub>" deep. UL listed.

### Wireless Access Point Wall-Mount Enclosure

DESCRIPTION	CAT. NO.
[C] Wireless Access Point Wall-Mount Enclosure	W1000-WWO



# VERSI-DUCT™ CABLE MANAGEMENT SYSTEM



## FEATURES

- Versatile accessories solve a variety of cable management challenges
- Suitable for copper and fiber applications
- Slack loop control feature
- Helps maintain proper cable bend radii
- Offered in Front & Back and Front Only versions (for both vertical and horizontal ducts)
- Horizontal Duct offered in 1RU (1.75") and 2RU (3.50") sizes
- Horizontal Duct offered in 35" and 80" lengths
- Cable concealing covers with optional hinges

## Versi-Duct Slotted Duct Cable Management System

Leviton's unique Versi-Duct Slotted Duct System provides a versatile simple solution for fiber and copper cable organization and management. The horizontal duct is available in both one rack (1RU-1.75") or two-rack (2RU-3.5") unit sizes to accommodate both small and large cable systems. Vertical slotted ducts come in a 35" half or 80" full rack height version. Both the horizontal and vertical slotted ducts come in Front Only or Front & Back configurations with cable-concealing covers and an assortment of accessories. Versi-Duct is the ideal system for efficient, adaptable rack and frame cable management.

### Versi-Duct Slotted Duct Cable Management Systems

DESCRIPTION	CAT. NO.
[A] Vertical Front & Rear Duct, 80" high (w/spacer)	4980L-VFR
[B] Vertical Front-only Duct, 80" high	4980L-VFO
[C] Vertical Front & Rear Duct, 35" high (w/spacer)	4935L-VFR
[D] Vertical Front-only Duct, 35" high	4935L-VFO
[E] Horizontal Front & Rear Duct, 2RU (w/spacer)	492RU-HFR
[F] Horizontal Front & Rear Duct, 1RU (w/spacer)	491RU-HFR
[G] Horizontal Front-only Duct, 2RU	492RU-HFO
[H] Horizontal Front-only Duct, 1RU	491RU-HFO
[I] Vertical Channel Divider	49265-DV1
[J] Slack Loop Storage Organizer, extended (2")	49265-SL2
[K] Bend-radius Compliant Funnel, rear only	49265-FN4
[L] Duct Cover Hinge, 4 per package	49265-HNG
[M] Extended Cover, Front-only 2RU	49265-EX3
[N] Extended Cover, Front-only 1RU	49265-EX1
[O] Slack Loop Storage Organizer	49265-SL1
[P] Cable Retainer	49265-WR1
[Q] Mounting Bracket, 2 per package	49265-BRK



## Rack & Frame Cable Management

Hook and Loop products provide an easy, sensible solution for any kind of rack. Because Hook and Loop material is 're-openable', new jobs and retrofits are hassle-free. And, cable integrity is never sacrificed because Hook and Loop Cable Management never pinches cables too tightly.

### THE SPACEMAKER

Saves up to 80% installation labor time and **REQUIRES NO RACK SPACE** to install. The SpaceMaker Cable Manager works well for both new installations or retrofits.

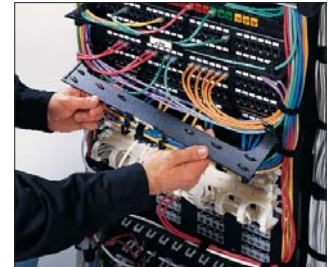
- Cables are supported in front of while maintaining port accessibility.
- The SpaceMaker can also be used to support cables in the back of the rack.
- Attached loops help manage cables without wasting rack space.
- Allows cable management of 24- to 96-ports.
- No need to move existing panels, because the SpaceMaker uses existing screws on patch panels or electronics; simply loosen screws, slide SpaceMaker in, then re-tighten screws.
- Knock-off mounting tabs fit all equipment by using standard rack screw-hole pattern.
- Multiple SpaceMakers can be mounted one on top of another and even upside-down.
- Made of 16-gauge steel.

### SpaceMaker Cable Manager

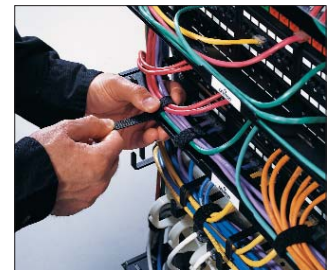
DESCRIPTION	CAT. NO.
SpaceMaker Cable Manager	41188-SM1

### FEATURES

#### SpaceMaker Retrofit



The SpaceMaker installs easily over existing patch panels and takes up no rack space.



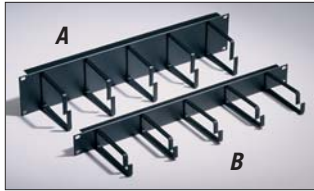
The attached Hook & Loop ties secure cables tightly, yet don't pinch cables.



The SpaceMaker allows unobstructed port access.



## RACK CABLE MANAGEMENT and ACCESSORIES



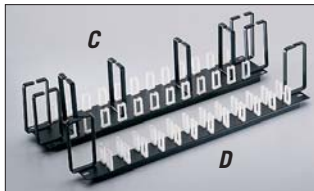
### Five-Ring Managers

#### STANDARD INTERBAY CORD MANAGER

Reduces patch cord bundle congestion and tension stress. 3" x 4" rings provide support for high-capacity cord distribution. Low Profile Cord Manager incorporates five 1.5" x 4.0" horizontal rings within a single EIA unit height.

#### Five-Ring Managers

DESCRIPTION	CAT. NO.
[A] Standard Interbay Cord Manager (19"W x 3.5"H)	49253-BCM
[B] Low Profile Cord Manager (19"W x 1.75"H)	49253-LPM



### Cord Organizers

#### ONE- AND TWO-POSITION ORGANIZER PANELS

Two-position Cord Organizer combines horizontal and vertical distribution rings with individual routing clips for patch cord organization between patch panels. One-Position Cord Organizer is 1.75" high with vertical distribution rings and individual routing clips.

#### Cord Organizers

DESCRIPTION	CAT. NO.
[C] Two-Position Organizer Panel (19"W x 3.5"H)	49252-PO2
[D] One-Position Organizer Panel (19"W x 1.75"H)	49252-PO1

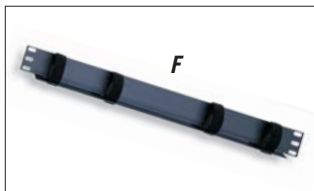


#### COMBO FRONT/REAR MANAGER

Manage front and rear cables/cords in a 3.5" high standard rack space. Oversized front rings meet larger-capacity requirements for patch cords. Rear management maintains bend radius of cables routed from vertical channels. Retention rings and fixed anchor points for 'loose-fit' or tie-wrapped bundles

#### Combo Front/Rear Manager

DESCRIPTION	CAT. NO.
[E] Combo Front/Rear Manager (19"W x 3.5"H)	49252-PCM



#### RECLOSABLE CABLE BARS

- Manages cables vertically and horizontally on relay racks and cabinets.
- 19" Metal-clad horizontal bar with attached loops (Hook and Loop-style) screws into rack to manage cables horizontally.

#### Reclosable Cable Bars

DESCRIPTION	CAT. NO.
[F] Metal Clad Horizontal Bar for 19" Racks	41150-019



#### RECLOSABLE SADDLE TIES

Two styles of loop, (both Hook and Loop material) secure with a screw to wood surfaces, relay racks or enclosures to manage cable. 10/32 metal rack screw or #8 wood screw versions available.

#### Reclosable Saddle Ties

DESCRIPTION	CAT. NO.
[G] Recloseable Saddle Tie with 10/32 metal rack screw (10 per pack)	41020-SPR
[H] Recloseable Saddle Tie with #8 wood screw (10 per pack)	41010-SPW



#### TIE-WRAP BAR

Mounts at the rear of standard EIA racks to support cable bundles and help maintain their bend radii near cable terminations. Fixed anchor points for 'loose-fit' tie wrapped cables.

#### Tie-Wrap Bar

DESCRIPTION	CAT. NO.
[I] Tie Wrap Bar (19"W x 1.0"H x 1.5"D)	49258-TWB





## Cord Organizers (continued)

### VERTICAL MANAGEMENT COMPONENTS

Flexible, customizable front and rear vertical management. 'Open ring' system can be changed as needed, for total customization and on-site adaptability. An optional tie bracket and divider panel can be added to provide cord and cable separation between racks.

#### Vertical Management System Tie Wrap Bar

DESCRIPTION	CAT. NO.
[A] 3" Vertical Manager Ring (4-pair cable capacity: 180 rear, 250 front)	49260-MR3
[B] 6" Vertical Manager Ring (4-pair cable capacity: 360 rear, 500 front)	49260-MR6
[C] Tie Bracket to secure vertical manager ring to adjacent rack	49261-BKT

### CABLE MANAGEMENT BAR

Mounts on standard 19" equipment rack to support cables on preconfigured and field-configurable Category 5, Category 5e, Category 6, QuickPort and Voice Grade Panels.

#### Tie Wrap Bar

DESCRIPTION	CAT. NO.
[D] Cable Management Bar	49005-CMB

### HINGED WALL-MOUNT BRACKETS

#### Hinged Wall-Mount Brackets

DESCRIPTION	CAT. NO. 1RU	CAT. NO. 2RU	CAT. NO. 3RU
[E] Hinged Wall-Mount Bracket	49251-W62	49251-W63	49251-W64

### ANGLED PANEL CABLE MANAGEMENT ACCESSORIES

Suitable for Category 5e or 6 Angled Patch Panels, this array of accessories for rack management includes: Angled Cable Management Bar, Horizontal Ring, 1RU and 2RU Angled Blank Panel inserts, and Top Blank Panel with Cover.

#### Angled Panel Cable Management Accessories

DESCRIPTION	CAT. NO.
[F] Vertical Transition Ring (Horizontal Cable Ring), 2/box	49262-HR1
[G] Angled Cable Management Bar	49006-AMB
1RU Angled Blank Panel Inserts	49254-BA1
2RU Angled Blank Panel Inserts	49254-BA2
Transitional Cover	42954-BC1

### 110 CHANNELMAX™ SYSTEM

Manage your cable with the 110 ChannelMax System, perfect to maximize control in minimum space. Cable channel provides extra room in the rear, cable trough allows a clean connection at the CP/frame, and vertical spool manager helps to dress cross connect cables.

#### 110 ChannelMax System

DESCRIPTION	CAT. NO.
[H] 3" Deep Vertical Cable Channel	41CMS-300
[I] 5" Deep Vertical Cable Channel	41CMS-500
[J] Horizontal Cable Management Trough	41CMS-HCM
[K] Vertical Spool Manager Mounting Bracket	41CMS-VSM

### RECLOSABLE "J"-HOOK

This convenient Hook and Loop-style "J"-hook is height-adjustable to bypass ductwork and other construction obstacles in ceilings. Adjustable circumference opens up to 8" diameter.

#### Reclosable "J"-Hook

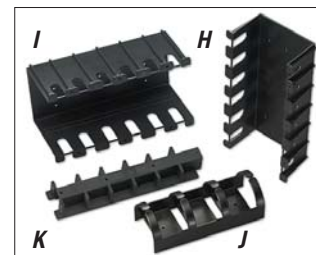
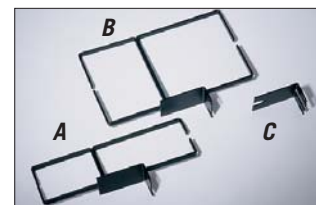
DESCRIPTION	CAT. NO.
[L] Recloseable Compression Strap	45224-RCS

### RECLOSABLE COMPRESSION STRAP

- This Recloseable Hook and Loop stainless steel cable strap is the ideal solution for heavy vertical cable runs. Lined with non-slipping Vintex material, the Recloseable Compression Strap accommodates bundle circumference from 3" to 9".
- To securely mount to walls or ceilings, install Footman Loops on either side of cable bundle.

#### Reclosable Compression Strap

DESCRIPTION	CAT. NO.
[M] Recloseable Compression Strap	45224-RCS



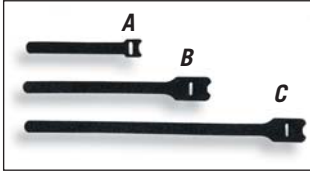




# GENERAL PURPOSE HOOK & LOOP CABLE MANAGEMENT

## General Purpose Hook & Loop Cable Management

No job is too small or too large. Whatever your cable management needs, Leviton has a Hook & Loop product to keep your cable under wraps. These innovative solutions are perfect for the messy cables that accumulate around the Workstation.

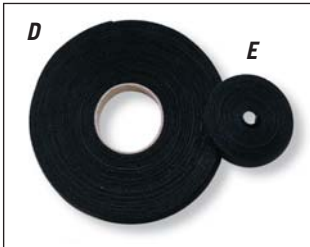


### RECLOSABLE TIE-WRAPPS

A Hook & Loop tie-wrap that easily reopens for moves, adds and changes, this general purpose Hook & Loop strap is available in 5", 8" and 12" lengths 1/2" wide.

#### Reclosable Tie-Wraps

DESCRIPTION	CAT. NO.
[A] Tie-Wrap, 5" Length (25 per pack)	43105-005
[B] Tie-Wrap, 8" Length (25 per pack)	43108-008
[C] Tie-Wrap, 12" Length (25 per pack)	43112-012

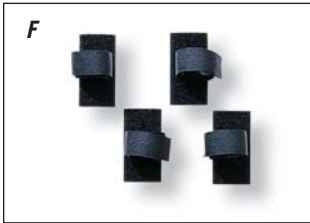


### BULK ROLLS OF HOOK & LOOP WRAP

Available in 15 and 75 foot rolls, 1/2" wide, which can be custom cut for many uses, and features hook and loop material on both sides.

#### Bulk Hook & Loop Wrap

DESCRIPTION	CAT. NO.
[D] Bulk Hook & Loop Wrap, 75 Foot Roll	43115-075
[E] Bulk Hook & Loop Wrap, 15 Foot Roll	43115-015



### HOOK & LOOP WORKSTATION CABLE MANAGEMENT

These Hook & Loop tie-wraps are ideal for workstation cable management. Hook & Loop material easily reopens for moves, adds and changes. Eliminate tangled wiring in the work area by managing power cords and equipment cords singly or bundled together. Convenient peel-off adhesive for easy mounting. 5.25" loop.

#### Hook & Loop Workstation Cable Management

DESCRIPTION	CAT. NO.
[F] Individual Loops with Peel-off Adhesive (25 per pack)	41225-SAP

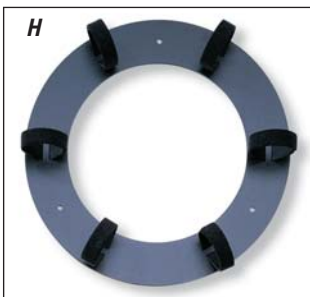


### RECLOSABLE ORANGE HOOK & LOOP FASTENERS

Similar to Reclosable Tie-Wraps, these sturdy loops also hold cable bundles up to 3" in diameter, but come in bright orange for use with fiber cables. Fasteners are 3/4" wide.¶

#### Reclosable Fastener

DESCRIPTION	CAT. NO.
[G] Reclosable Fasteners (orange) (10 per pack)	41030-OFT



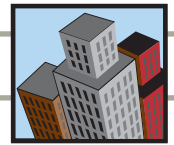
### RECLOSABLE STORAGE RINGS

Ensure fiber optic cable bend radius with the Reclosable Storage Ring. Available in two sizes for inside or outside fiber cable management, both rings come complete with six sturdy Hook & Loop-style loops attached for proper cable management.

- The Outside Plant Ring is 24" in diameter and manages cable as it enters a premises. It is capable of storing excess cable for future use.
- The Inside Plant Ring is 11.75" in diameter and mounts neatly into a ceiling or wall to store extra fiber optic cable for future use.

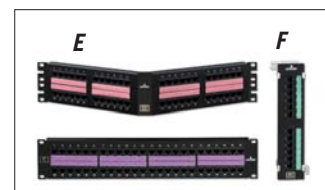
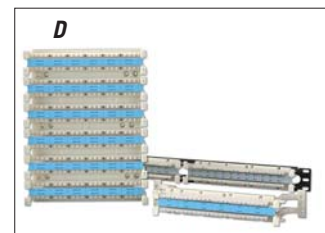
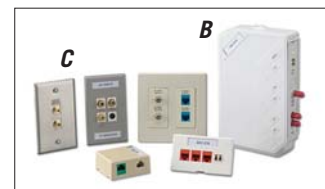
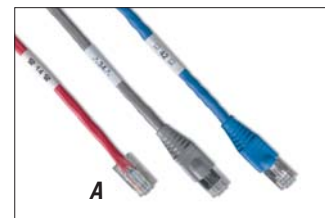
#### Reclosable Storage Rings

DESCRIPTION	CAT. NO.
[H] Reclosable Storage Ring, Inside Plant (11.75" diameter)	48900-IFR
Reclosable Storage Ring, Outside Plant (24" diameter)	48900-OFR



### Lable/Ware

This software based system is the perfect TIA/EIA-606-A compliant tool to clearly label and identify all the components of your cabling infrastructure. Labels are preconfigured and designed to fit all Leviton patch panels, 110 wiring products, faceplates and patch cords. Standard 8.5" x 11" format and pre-cut perforated sheets provide quick, easy printing and application. Available in self-adhesive polyester or non-adhesive card stock depending on the application. Laser print surface provides clear, permanent legibility and is abrasion and fade resistant. User-friendly software provides highly customizable output with a variety of fonts and symbols, plus step-by-step instructions and a fully integrated, context-sensitive help file to guide users through the process. Software is offered in two versions: basic (free) and advanced. Download software at: [www.levitonvoicedata.com/labelware](http://www.levitonvoicedata.com/labelware).



### Cable and Wallplate Product Labels

DESCRIPTION	CAT. NO.
[A] Cable Wrap-around Labels (8mm), 48 labels per sheet	59260-00W
[B] Wallplate & Housing Labels, 80 labels per sheet (white)	59259-C0W
[C] Port Labels Self-Adhesive, 324 labels per sheet (clear)	59259-ACL

### Patch Panel and 110 Wiring Product Labels

DESCRIPTION	CAT. NO. WHITE	CAT. NO. PUR/YEL	CAT. NO. BLU/GRY	CAT. NO. RED/ORG	CAT. NO. GRE/BRN
[D] 110 Wiring Product Labels, 16 labels per sheet	59258-00W	59258-0PY	59258-0LG	59258-0RO	59258-0VB
[E] Patch Panel and Block Labels, 40 labels per sheet	59256-00W	59256-0PY	59256-0LG	59256-0RO	59256-0VB
[F] QuickPort Patch Panel and Block Labels, 40 labels per sheet	59257-00W	59257-0PY	59257-0LG	59257-0RO	59257-0VB

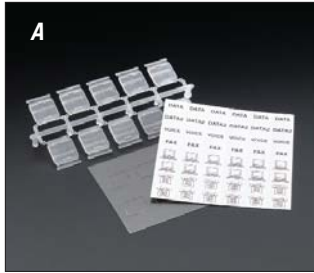
### STYLES

#### TIA/EIA-606-A COLOR CODE CHART

Termination Type	Typical Application	Color
Demarcation Point	Central office connection	Orange
Network Connections	User side of central office connection	Green
Common Equipment	Connections to PBX, mainframe, LAN, multiplexer	Purple
1st Level Backbone	Terminations of building backbone cable MC's to IC's	White
2nd Level Backbone	Terminations of building backbone cable IC's to HC's	Gray
Horizontal Cabling	Terminations of horizontal cable in TEs	Blue
Campus Backbone	Terminations of backbone cable between buildings	Brown
Auxiliary Circuits	Alarms, security, or energy management	Yellow
Key Circuits	Connections to key telephone systems	Red



# LABELING PRODUCTS and ACCESSORIES

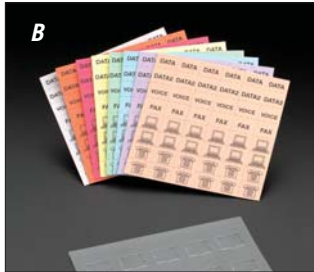


## QuickPort® Shutters and Icons

Leviton's field-installable QuickPort Shutters protect connectors from dust and debris with a unique, one-piece hinged door. Suitable for commercial and residential applications. Shutters feature labels and recessed windows and fit on Leviton Category 6, 5e, 5, and 3 and 8-Position Voice Grade connectors, when used in a QuickPort wallplate or housing. Optional label kits are available. *NOTE: SHUTTERS DO NOT WORK WITH CONNECTOR INTERFACE BEZELS.*

### QuickPort Shutters and Icons

DESCRIPTION	CAT. NO.
[A] QuickPort Shutter Kit w/Leviton logo and miscellaneous icons	51084-ICN
Accessory Kit w/pre-printed icons on white paper	51084-XLB
[B] Color Label Kit w/pre-printed icons on colored paper*	51084-CLB



## Patch Panel and Port Accessories

### Patch Panel Port Identification Kits

DESCRIPTION	CAT. NO.
[C] QuickPort 32-port ID kit (for 24- and 32-port panels)	49257-QID
[C] QuickPort High Density ID kit (for 24- and 48-port high density panels)	49257-QHD

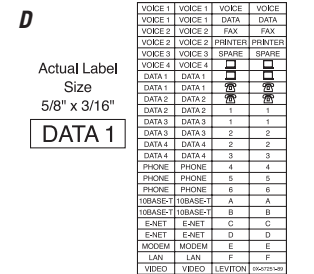


### PRE-PRINTED PORT DESIGNATION LABELS

Identify ports on any QuickPort Housings with these attractive and versatile jack designation labels. Printed on clear self-adhesive backing. Commercial or residential labels available.

### Port Designation Labels

DESCRIPTION	CAT. NO. BLACK INK	CAT. NO. WHITE INK
Commercial Labels—10 sheets per kit, 94 labels per sheet	41080-LEB	41080-LWB
Residential Labels—10 sheets per kit, 94 labels per sheet	40740-OBE	—



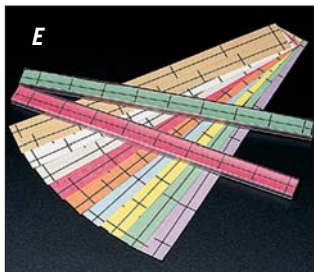
41080-LEB Shown

## 110 Product Labeling Holders and Strips

E Identify all your 110 ports quickly and easily with these label holders and slide-in label strips. The clear plastic holders attach to all types of 110 wiring bases including wall, rack and wall-mounting frame styles. Labeling strips are lined for 2-, 3-, 4- or 5-pair spacing and available in white for Cat 6 110 Wiring Products. Cat 5e labeling strips are available in your choice of nine colors.

### 110 Product Labeling Holders and Strips

DESCRIPTION	CAT. NO.
[E] Clear Label Holders (bag of 6)	41100-HLD
[E] CAT 6 Label Strips lined for 4-pair spacing (bag of 6) (available in white only)	41LBL-60W
[E] CAT 5e Label Strips lined for 2-, 3-, 4- or 5-pair spacing (bag of 6) (available in one of 9 colors)	41LBL-00*



D

Actual Label Size 5/8" x 3/16"

DATA 1

VOICE 1	VOICE 1	VOICE	VOICE
VOICE 2	VOICE 1	DATA	DATA
VOICE 2	VOICE 2	FAX	FAX
VOICE 3	VOICE 2	PRINTER	PRINTER
VOICE 3	VOICE 3	SPARE	SPARE
VOICE 4	VOICE 4		
DATA 1	DATA 1		
DATA 1	DATA 1		
DATA 2	DATA 2		
DATA 2	DATA 2	1	1
DATA 3	DATA 3	1	1
DATA 3	DATA 3	2	2
DATA 4	DATA 4	2	2
DATA 4	DATA 4	3	3
PHONE	PHONE	4	4
PHONE	PHONE	5	5
PHONE	PHONE	6	6
10BASE-T	10BASE-T	A	A
10BASE-T	10BASE-T	B	B
E-NET	E-NET	C	C
E-NET	E-NET	D	D
MODEM	MODEM	E	E
LAN	LAN	F	F
VIDEO	VIDEO	LEVITON	LEVITON

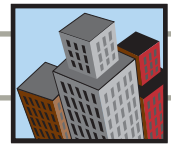
#### \*COLOR/LABELS

#### QuickPort Shutter Kit

For color selection, add suffix to catalog number as follows: Gray (G), Orange (O), Blue (L), Yellow (Y), Green (V), Purple (P), Brown (B), Red (R).

#### 110 Product Labels

For color selection, add suffix to catalog number as follows: White (W), Gray (G), Orange (O), Blue (L), Yellow (Y), Green (V), Purple (P), Brown (B), Red (R).



## 110 Punchdown Tool

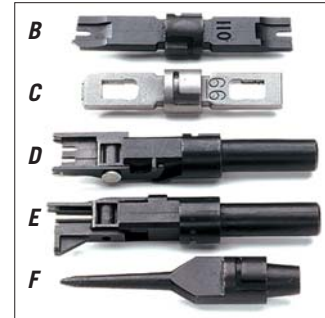
### WIRE PUNCHDOWN/TERMINATION TOOL

- A** A versatile punchdown/termination tool with changeable blades (sold separately) that enables installers to make reliable connections on a variety of wire termination blocks. Terminate/punch down wire with one simple push on the handle. An adjustable impact setting allows you to terminate wire with less effort than other impact tools. Handle can be fitted with several interchangeable custom blades to cover many termination types: 110 IDC, 66 IDC, Krone, BIX (Northern Telecom BIX system), and an awl (woodscrew starter punch). A spare blade can be kept in a storage chamber in the handle.
- B-F** These special application blades are for use with the Wire Punchdown Tool for terminating 22, 24 or 26 gauge wire. Krone and BIX blades feature scissor-action trim



### D814 Wire Puchdown/Termination Tool and D814 Tool Blades

DESCRIPTION	CAT. NO.
[A] Wire Punchdown/Termination Tool (Blade Sold Separately)	49553-814
[B] 110 IDC Blade	49553-110
[C] 66-IDC Blade	49553-066
[D] BIX® Blade	49553-BIX
[E] Krone® Blade	49553-KRN
[F] Awl (Woodscrew starter punch)	49553-AWL



### MULTI-PAIR TERMINATION TOOL

- G** The Multi-pair Termination Tool is designed for use with Leviton's Category 6 110-style wiring products. The high-impact, spring-loaded handle, makes it easy to terminate multiple pairs with just one punch. Use "Blade In" and "Blade Out" options for daisy chain or full termination. Category 5e and 6 heads are available separately. Handle works with both Category 5e and 6 heads.

### Multi-Pair Termination Tools and Accessories

DESCRIPTION	CAT. NO.
[G] Mass Termination Multi-Pair Tool Handle with CAT 6, 4-Pair Head	49553-TTH
Mass Termination Replacement Head, CAT 6, 4-Pair	49553-64H
Mass Termination Replacement Head, CAT 5e, 5-Pair	49553-55H



### MASTER COMPRESSION TOOL

- H** The Multi-pair Termination Tool is designed for use with Leviton's Category 6 110-style wiring products. The high-impact, spring-loaded handle, makes it easy to terminate multiple pairs with just one punch. Use "Blade In" and "Blade Out" options for daisy chain or full termination. Category 5e and 6 heads are available separately. Handle works with both Category 5e and 6 heads.

### Master Compression Tool

DESCRIPTION	CAT. NO.
[H] Master Compression Tool	40989-CPT

Compression Connectors are sold on page L4.







# OPT-X® FIBER TOOLS



Tools and Accessories



### Opt-X Fiber Tools

#### OPT-X LIGHT TOOL KIT

**A** The Opt-X Light Tool Kit contains the essential tools you'll need for quick field termination of fiber optic connectors. It's cost effective and convenient with everything contained in a sturdy carrying case. Includes 100X inspection scope, scribe, polishing fixture, polishing pad, buffer remover tool, jacket stripper, Thread-Lock® tightening tool, and scissors.



#### OPT-X PRO TOOL KIT

**B** Leviton's Opt-X Pro Tool Kit is designed for use with any SC, ST, or FC Thread-Lock® connector and is singlemode and multimode compatible. Available in a lightweight case, complete with our award-winning Thread-Lock Versa-Cleave™, a 200X scope, Thread-Lock tightening tool, buffer remover, polishing pad, safety glasses, scissors, jacket stripper, polishing fixture and music wire.



#### OPT-X FAST-CURE TOOL KIT

**C** Opt-X Fast-Cure Tool Kit is designed for use with any singlemode or multimode Fast-Cure adhesive connector: SC, ST, FC or LC. Comes in its own compact, lightweight case, and includes a 200X inspection scope, buffer remover, polishing pad, Standard 2.5mm and LC 1.25mm polishing fixture, LC scope adapter, fiber optic crimp tool, safety glasses, scissors, jacket stripper and music wire. Adhesive/Accelerator Kit is sold separately.



#### OPT-X MT-RJ TOOL KIT

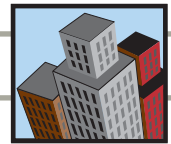
**D, E** Opt-X MT-RJ Fiber Optic Tool Kit comes in its own compact, lightweight case, complete with buffer removers (2), jacket strippers, scissors, music wire, safety glasses, gauge, marking pen, Opt-X 20/20 lenses, lead-in crimp tool, Frame-Station Assembly Tool, Thread-Lock® Versa-Cleave Tool and 2 MT-RJ adapters for the Versa-Cleave tool. Accessory Kit adds MT-RJ capability to an existing kit.



### Fiber Optic Tool Kits

DESCRIPTION	CAT. NO.
[A] Opt-X Light Tool Kit	49800-MTK
[B] Opt-X Pro Tool Kit (includes Versa-Cleave)	49800-UTP
[C] Opt-X Fast-Cure Tool Kit	49800-FTK
[D] Opt-X MT-RJ Tool Kit	49800-SLT
[E] Opt-X MT-RJ Accessory Kit	49800-SLA





## Individually Sold Fiber Optic Tools and Components

### Individual Components

DESCRIPTION	CAT. NO.
<b>A Universal Tools</b>	
250 µm Buffer Remover	49886-BR2
Jacket Stripper	49886-STP
900 µm Buffer Remover	49886-BR9
Aramid Strand Scissors	49886-SIS
Marking Pen	49886-SMP
Safety Glasses	49886-GLS
Sapphire Scribe	49886-SCR
2.5mm Polishing Puck	49886-PUC
3" x 6" Polishing Pad	49886-PAD
Opt-X® Tool Kit Carrying Case	49886-CSE
Tightening Tools	
ST/SC Combination Tightening Tool	49886-CTT
FC Tightening Tool	49883-FCT
<b>MT-RJ Specific Tools</b>	
Strip Length Gauge	49886-SLG
Frame-Station Connector Assembly Tool	49886-FIT
Workstation Connector Lead-in Crimp Tool	49886-SLC
Versa-Cleave™ Adapter for MT-RJ Workstation Connectors (Shown on page H6)	49886-VWA
Versa-Cleave Adapter for MT-RJ Frame-Station Connectors (Shown on page H6)	49886-VFA
Opt-X 20/20 Lenses	49886-OTT
MT-RJ Tool Kit Carrying Case	49886-CST
MT-RJ Accessory Kit Carrying Case	49886-CSA
<b>Fast-Cure Specific Tools</b>	
Fiber Optic Crimp Tool with .128, .151, .178 hex die	49886-FCT
LC Scope Adapter	49886-LCS
1.25mm (LC) Polishing Puck	49886-LCP
Fast-Cure Tool Kit Carrying Case	49886-FCC
<b>B Consumables</b>	
Music Wire	49886-WRE
Lint Free Dry Wipes 100/pack	49886-DWP
Alcohol Pads 100/pack	49886-APD
12 µm Aluminum Oxide Lapping Film, 100/pack	49886-12F
3 µm Aluminum Oxide Lapping Film, 100/pack	49886-03F
0.3 µm Aluminum Oxide Lapping Film, 100/pack	49886-X3F
Replacement Needles 25/pack	49886-FCN
Replacement Syringes 25/pack	49886-SYR

### CONSUMABLES KITS

**C-E** Leviton's Consumables Kits contain everything you need to clean and polish connectors, such as polyester wipes, alcohol pads, music wire, and 12-, 3- and 0.3 µm lapping film. Fast-Cure kit adds needles and syringes, plus adhesive and accelerator. Adhesive/Accelerator kit is also sold separately. Fan-Out Consumables Kits are also available.

### Consumables Kits

DESCRIPTION	CAT. NO.
[C] Universal Consumables Kit	49800-CON
[D] Fast-Cure Consumables Kit	49800-FAC
[E] Adhesive/Accelerator Kit	49800-202
Fan-Out Consumables Kit (shown on page L51)	49800-FAN





Comes with a nylon case and removable debris cup.



The award-winning Thread-Lock Versa-Cleave, included in the Opt-X Pro Fiber Optic Tool Kit.



Thread-Lock Versa-Cleave and Adapters, included in the Opt-X MT-RJ Fiber Optic Tool Kit.



**Thread-Lock® Versa-Cleave™ Tool**

**A-C** Leviton's Thread-Lock Versa-Cleave tool features a diamond blade that cleaves fiber perfectly every time, eliminating the need for a craft sensitive scribe procedure. The ergonomic stop-watch design fits comfortably in the hand, works with any style or brand of 2.5mm ferrule connector, and cleaves with a simple push of the button. Versa-Cleave also features a convenient integrated debris cup to catch and retain fiber debris for safe disposal. Two adapters, ordered separately, allow Versa-Cleave to cleave to perfect lengths for MT-RJ Workstation and Frame-Station connectors. Versa-Cleave can be ordered separately, or as part of either the Opt-X Pro Tool Kit or the MT-RJ Tool Kit.

**Thread-Lock Versa-Cleave**

DESCRIPTION	CAT. NO.
[A] Versa-Cleave Tool	<b>49886-TVC</b>
[B] Versa-Cleave Adapter for MT-RJ Workstation Connector	<b>49886-VWA</b>
[C] Versa-Cleave Adapter for MT-RJ Frame-Station Connector	<b>49886-VFA</b>

**Safety Pad**

**D** The pad features rubber material to provide a flexible, shatterproof, non-slip surface—sized perfectly for terminating Thread-Lock or Optic MT-RJ Fiber Optic Connectors.

**Safety Pad**

DESCRIPTION	CAT. NO.
[D] Safety Pad	<b>49886-SPD</b>

**Inspection Scopes**

**E, F** Leviton's 100x and 200x Inspection Scopes allow techs to view multimode and singlemode end-face polishes safely, and reduce the chances of over-polishing (a side-effect of many coaxial inspection scopes). 200x Scope features oblique viewing technology, ergonomic grip, 200X magnification and full laser eye protection through wavelengths of 850-1550 nanometer. Both scopes feature rugged construction that stands up to jobsite abuse.

**Inspection Scopes**

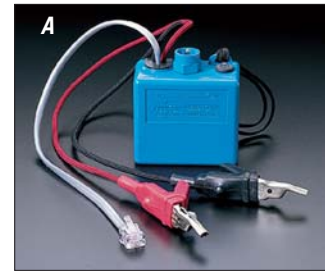
DESCRIPTION	CAT. NO.
[E] 100x Inspection Scope	<b>49886-SCP</b>
[F] 200x Inspection Scope	<b>49886-FSP</b>



### Tone Test Set

**A** Use the Leviton Tone Test Set in low voltage wire applications to test for continuity, check for shorts or opens, and provide talk battery for a communication line on a vacant pair. Connect toner across a wire pair and set to transmit either a continuous 1000 Hz or alternating 500/1000 Hz tone. Use with the Speaker Probe (below) to trace pairs and locate broken pairs/cables in walls.

Also identifies Tip and Ring polarity, and line condition for CLEAR LINE with dial tone, BUSY LINE and RINGING LINE. Features “O” ring seals on the case, test leads for water resistance, support leash, tri-color, and nylon-braided tinsel wire test leads. Telco-standard, 6A-type alligator clips with piercing pins securely grip 66-clips, screw heads, screw bodies, and wire-wrapped or threaded terminals. A 6-position, 2-conductor plug lead is also provided for connection to modular jacks.



### Inductive Speaker Probe

**B** The streamlined inductive speaker probe detects audible frequency tones quickly for accurate tracing and identification of wires, cables, and metallic circuits. Use with the tone test set (above) to trace and isolate pairs in virtually any type of wire application, without damage to the insulation. Identifies single wires or individual pairs in multiple-pair cables at terminals or closures; identifies station wiring or cables to specific equipment in closets or on distribution frames; and identifies the ends of drop wires. Probe can also be used to locate prewiring, or opens in wires, after wall covering is installed. Features both needlepoint and duckbill tips and a non-locking slide switch.



### Tone Test Set, Inductive Speaker Probe — Individual Items and Combinations

DESCRIPTION	CAT. NO.
[A] Tone Test Set (includes 9 volt battery)	49560-TTS
[B] Inductive Speaker Probe only (includes 9 volt battery; one duckbill tip; and one needlepoint tip)	49561-SSP
[C] Leather Belt Holster for tone test set	49560-LCC
[D] Leather Belt Holster for inductive speaker probe	49561-LCC
Spare duckbill and needlepoint tip set	49561-TIP
Kit containing tone test set with belt holster, and inductive speaker probe with belt holster	49562-TSK
Kit containing 5 tone test sets with belt holsters, and 5 inductive speaker probes with belt holsters	49562-KIT



Optional leather belt holsters.

### Crimping Tool for Coaxial Connectors

**E** For use in crimping coaxial connectors onto RG-59 or RG-6 cables. Rugged metal construction with cushioned handles. Carded package for display in merchandising racks.

### Crimping Tool for Coaxial Connectors

DESCRIPTION	CAT. NO.
[E] Crimping Tool for Coaxial Connectors	40988-000



### UTP Stripping Tool

**F** Use this versatile tool to strip unshielded twisted pair (UTP) cable. Carded package for display in merchandising racks.

### UTP Stripping Tool

DESCRIPTION	CAT. NO.
[F] Stripping Tool	49660-00C





## TOOLS and ACCESSORIES

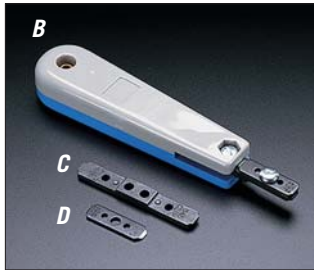


### Craftsperson's Handset

**A** This handset is used by installers, repair technicians, and other authorized personnel for basic line testing and essential on-site temporary communications. Line-powered to provide either DTMF (Touch Tone) or dial pulse output. Features all standard 'buttset' line tests, including polarity check, line monitoring, and signaling.

#### Craftsperson's Handset

DESCRIPTION	CAT. NO.
[A] Craftsperson's Handset	49575-CTS



### Termination Tool (66-BT)

**B** This 'pocket friendly' tool quickly punches down 20 through 26 gauge unstripped wire in devices using 66-clip terminals. It adjusts to accommodate variation in wire size and blade sharpness. Replaceable blades reverse to let you terminate and cut wire in a single stroke, or terminate without.

#### Replacement Stem for Termination Tool (66-BT02)

**C** The replaceable stem for the termination tool blade.

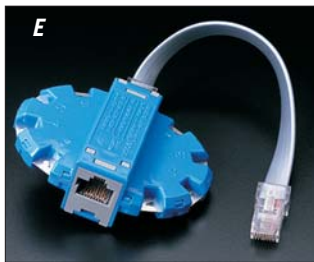
#### Replacement Blade for Termination Tool (66-BT01)

**D** This blade reverses so wires can be terminated and cut, or terminated without cutting. It also adjusts to accommodate variation in wire size or blade sharpness.

#### Termination Tool, Replacement Stem and Replacement Blade

DESCRIPTION	CAT. NO.
[B] Termination Tool (66-BT)	46666-OBT
[C] Replacement Stem for Termination Tool (66-BT02)	46666-BTS
[D] Replacement Blade for termination Tool (66-BT01)	46666-BTB

*Note: Numbers in parentheses refer to industry product designation.*



### Modular Plug Breakout Adapter

**E** For testing any 6- or 8-position modular jack with the Tone Test Set or Craftsperson's Handset. Includes contacts to connect, via alligator clip leads, to any test apparatus or Lineman's Test Set. Can be used in series with any cable with a 6- or 8-conductor modular plug.

#### Modular Plug Breakout Adapter

DESCRIPTION	CAT. NO.
[E] Modular Plug Breakout Adapter	40070-MDP

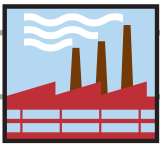


# Straight Blade Plugs and Connectors

## INDEX

<b>Industrial Grade Plugs &amp; Connectors</b>	
Overview	M2
15A 125V & 250V	
Hospital Grade	M3
Industrial Grade	M3
Flanged Inlets and Outlets	M3
Wetguard®	M5
Dustguard®	M5
Python™	M6
Integrated Inlets and Outlets with Weather-Resistant Covers	M7
20A 125V & 250V	
Hospital Grade	M4
Industrial Grade	M4
Flanged Inlets and Outlets	M4
Wetguard®	M5
Dustguard®	M5
Python™	M6
Integrated Inlets and Outlets with Weather-Resistant Covers	M7
Weather-Resistant Boots	M4
20 AMP Power Plugs	M8
30 AMP Nylon Angle Plugs	M8
50 AMP Nylon Angle Plugs	M9
60 AMP Nylon Angle Plugs	M10
<b>Commercial Grade Plugs &amp; Connectors</b>	
Overview	M11
15A 125V & 250V	M12
20A 125V & 250V	M13
30 Amp and 50 Amp Dual Power Attachment Plugs	
	M14
<b>Residential Grade Plugs &amp; Connectors</b>	
Parallel, Polarized and Non-Polarized	M15
Grounding	M16





# STRAIGHT BLADE PLUG AND CONNECTOR FEATURES

## Industrial Grade Straight Blade Plugs and Connectors

### A COMPLETE LINE OF PLUGS AND CONNECTORS THAT STANDS UP TO THE HARSHTEST ENVIRONMENTS

The Leviton line of straight blade plugs and connectors includes: Black & White™ Industrial Grade devices that resist impact, corrosion and chemicals; Hospital Grade devices that meet the highest standards for dependable, long-term performance; Wetguard® for water and moisture resistance; Dustguard® to resist dust and dirt; Python™, with an innovative interlocking design; rugged nylon flanged inlets and outlets; and integrated inlets and outlets with weather resistant covers.



#### Hospital Grade

Superior design, heavy-duty, impact-resistant, all nylon construction for long-lasting performance and reliability in the demanding healthcare environment.

**8215-C shown**



#### Angle Plugs and Connectors

For hospital and industry use where power cords must lay close to walls and floors; 8 plug positions.

**8215-CAT shown**



#### Wetguard®

Specifically developed for wet or damp locations. EPTR thermoplastic rubber body and rugged design resist water, alkalis, grease, oils and solvents.

**14W48 shown**



#### Python™

Hinged design provides speedy, simple wiring and installation, delivers top performance, stands up to rough-duty applications.

**5456-VY shown**



#### Flanged Inlets and Outlets

Fit flush on equipment mounting panels and require only 2 mounting screws for easy panel assembly.

**5278-C shown**



**Leviton's 15 and 20 Amp nylon plugs and connectors offer superior performance and long-lasting reliability features; from ergonomic design details to rugged construction that resists impact, punishing application environments, chemicals and corrosives.**

#### Features and Benefits

- UL 498 Listed; meets latest Federal Specifications WC-598; CSA Specification C22.2 No. 42 Certified
- Cord clamp with removable strain relief insert accepts cables rated from 10-3 ST to 18-3 SVT (.245"-.700")
- One-piece, rivetless triple-wipe brass connector contacts offer enlarged contact surface area
- Husk is constructed of ST801 Super Tough Nylon for superior impact resistance in rugged environments
- Beveled back edges prevent body from catching on corners and rough surfaces
- Ergonomic, fluted body design with radial gripping edge is ideal for gripping and pulling

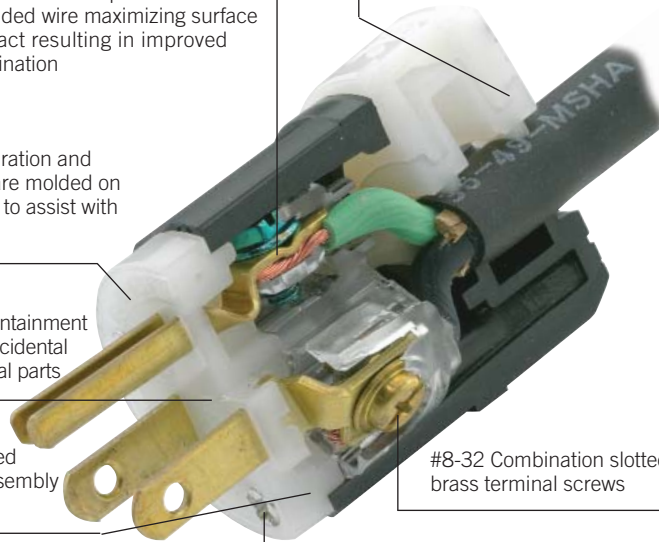
Positive contact plate bundles stranded wire maximizing surface contact resulting in improved termination

NEMA configuration and device rating are molded on front of device to assist with identification

Dead front solid containment barrier prevents accidental contact with internal parts

Wiring module keyed to body for easy assembly and a tight fit

External cord grip utilizes deep slotted/Phillips steel screws that are backed out and positioned inside shrouded pockets. External clamps accepts wire mesh grips. Catalog and NEMA numbers printed on cord clamp



**5266-C**

#8-32 Combination slotted/Phillips brass terminal screws

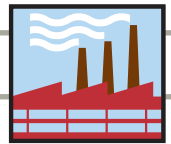
Three "U" type fast-threading, double drive, steel screws secure wiring module to body

Wire clamps move in individual chamber — provide positive crimp lock without cutting wire strand

Captive, color-coded brass #8 terminal screws





Individual deep-funnelled chamfered wire wells. Clear housing allows inspection of wire termination and provides molded-in wire strip gage



## Industrial Grade Straight Blade Plugs and Connectors



### Hospital Grade — 15 AMP 125V 2-Pole, 3-Wire Grounding

DESCRIPTION	CAT. NO. PLUG NEMA 5-15P 	CAT. NO. CONNECTOR NEMA 5-15R 
Hospital Grade, Black & White Body	<b>8215-C</b>	<b>8219-C</b>
Hospital Grade, Transparent Body	<b>8215-CT</b>	<b>8219-CT</b>
Hospital Grade, Power Indication™ Transparent	<b>8215-PLC</b>	<b>8219-PLC</b>
Hospital Grade Angle, Transparent Body	<b>8215-CAT</b>	—

### Industrial Grade — 15 AMP 125V 2-Pole, 3-Wire Grounding

Black & White Nylon Body	<b>5266-C</b>	<b>5269-C</b>
High-Visibility Yellow Nylon Body	<b>5266-CY</b>	<b>5269-CY</b>
All-Black Nylon for Stage and Studio	<b>5266-CB</b>	<b>5269-CB</b>
All-Black Nylon, Power Indication™	<b>5266-PLB</b>	<b>5269-PLB</b>
Orange & White Body	<b>5266-CO</b>	<b>5269-CO</b>
Gray Nylon Body	<b>5266-CG</b>	<b>5269-CG</b>
Black & White Nylon Body, Power Indication™	<b>5266-PLC</b>	<b>5269-PLC</b>
Angle, Black & White Nylon Body	<b>5266-CA</b>	<b>5269-CA</b>
Black 2-Piece Nylon Shell	<b>5266-N</b>	<b>5269-N</b>
Flanged Inlet, White Nylon Body	<b>5278-C</b>	—
Flanged Outlet, White Nylon Body	—	<b>5279-C</b>

### Industrial Grade — 15 AMP 250V 2-Pole, 3-Wire Grounding

DESCRIPTION	CAT. NO. PLUG NEMA 6-15P 	CAT. NO. CONNECTOR NEMA 6-15R 
Black & White Nylon Body	<b>5666-C</b>	<b>5669-C</b>
High-Visibility Yellow Nylon Body	<b>5666-CY</b>	<b>5669-CY</b>
Angle, Black & White Nylon Body	<b>5666-CA</b>	—
Flanged Inlet, White Nylon Body	<b>15678-C</b>	—
Flanged Outlet, White Nylon Body	—	<b>15679-C</b>

*For Weather Resistant Plug and Connector Boots, see page M4.*

#### SPECIFICATIONS AND FEATURES

##### Hospital Grade

- Unmatched quality and performance confirmed by rigorous UL 498 testing
- Clearly identified by green dot

##### Industrial Grade

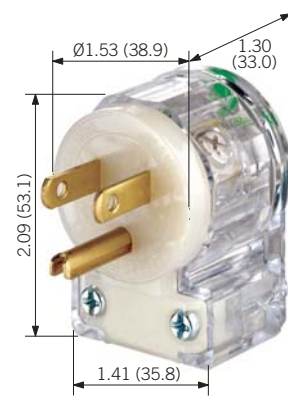
- Rugged construction resists impact, sunlight, chemicals and rough use
- All contacts are solid one-piece brass for better conductivity
- Triple-wipe, heavy-duty power contacts set in deep pockets to resist damage
- Captive, color-coded brass #8 terminal screws
- Unique cord clamp accepts wide range of cord sizes (.245"–.700"), providing secure grip without damaging cord jacket: SVT 18-3 to SO 14-3 with strain relief insert, up to ST 10-3 when strain relief insert is removed.
- Power Indication™ devices equipped with green neon bulb rated at 30,000 hours (24/7) for 3.5 years

#### TESTING AND CODE COMPLIANCE

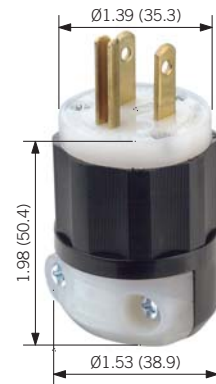
- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets UL Fed. Spec. requirements: Industrial Plugs & Connectors (File #13393); Hospital Grade (UL 498, File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C



8215-CAT



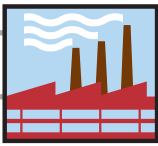
5266-C



5269-C



5278-C

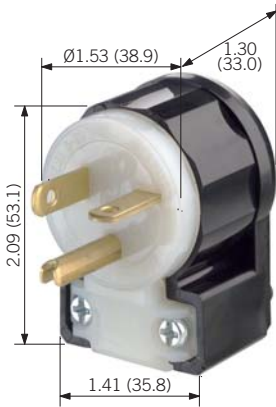


## 20 AMP 125 and 250V

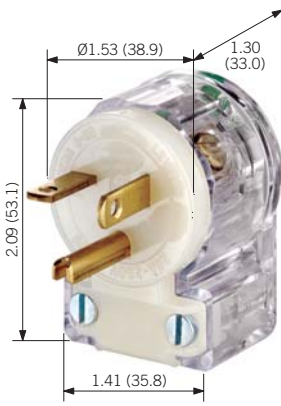
### Industrial Grade Straight Blade Plugs and Connectors



8315-PLC



5366-CA






8415-CAT



6017-Y

#### Hospital Grade — 20 AMP 125V 2-Pole, 3-Wire Grounding






DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
	NEMA 5-20P 	NEMA 5-20R  CSA config. in Canada 
Hospital Grade, Black & White Body	8315-C	8319-C
Hospital Grade, Transparent Body	8315-CT	8319-CT
Hospital Grade, Power Indication™ Transparent	8315-PLC	8319-PLC
Hospital Grade Angle, Transparent Body	8315-CAT	—

#### Industrial Grade — 20 AMP 125V 2-Pole, 3-Wire Grounding

Black & White Nylon Body	5366-C	5369-C
Black & White Nylon Body, Power Indication™	5366-PLC	5369-PLC
All-Black Nylon, Power Indication™	5366-PLB	5369-PLB
High-Visibility Yellow Nylon Body	5366-CY	5369-CY
Gray Nylon Body	5366-CG	5369-CG
Angle, Black & White Nylon Body	5366-CA	5369-CA
Flanged Inlet, White Nylon Body	15378-C	—
Flanged Outlet, White Nylon Body	—	15379-C

#### Hospital Grade — 20 AMP 250V 2-Pole, 3-Wire Grounding

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
	NEMA 6-20P 	NEMA 6-20R  CSA config. in Canada 
Hospital Grade Angle, Transparent Body	8415-CAT	—

#### Industrial Grade — 20 AMP 250V 2-Pole, 3-Wire Grounding

Black & White Nylon Body	5466-C	5469-C
High-Visibility Yellow Nylon Body	5466-CY	5469-CY
Flanged Inlet, White Nylon Body	5478-C	—
Flanged Outlet, White Nylon Body	—	5479-C

#### Weather-Resistant Boots

Our outstanding Industrial Grade boots feature a triple-seal design to protect straight blade and locking plugs and connectors against the harmful effects of dirt and moisture in harsh environments. Boots are available in black or high-visibility yellow. The fluted surface and grip-ring design provide a non-slip grip even in wet conditions.

DESCRIPTION	CAT. NO.
Weather-Resistant Straight Blade Plug Boot, Black Rubber. For 15A & 20A Straight Blade Industrial Nylon Plugs	6017
Weather-Resistant Straight Blade Plug Boot, High Visibility Yellow Rubber. For 15A & 20A Straight Blade Industrial Nylon Plugs	6017-Y
Weather-Resistant Straight Blade Connector Boot, Black Rubber. For 15A & 20A Straight Blade Industrial Nylon Connectors	6018
Weather-Resistant Straight Blade Connector Boot, High Visibility Yellow Rubber. For 15A & 20A Straight Blade Industrial Nylon Connectors	6018-Y

#### SPECIFICATIONS AND FEATURES

##### Hospital Grade

- Unmatched quality and performance confirmed by rigorous UL 498 testing
- Clearly identified by green dot

##### Industrial Grade

- Rugged construction resists impact, sunlight, chemicals and rough use
- All connector contacts are solid one-piece brass for superior conductivity
- Triple-wipe, heavy-duty power contacts set in deep pockets to resist damage
- Captive, color-coded brass #8 terminal screws
- Unique cord clamp accepts wide range of cord sizes (.245"–.700"), providing secure grip without damaging cord jacket: SVT 18-3 to SO 14-3 with strain relief insert, up to ST 10-3 when strain relief insert is removed.

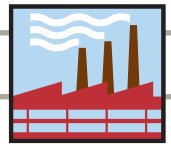
- Power Indication™ devices equipped with green neon bulb rated at 30,000 hours (24/7) for 3.5 years

#### TESTING AND CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: Industrial Plugs & Connectors (File #13393); Hospital Grade (UL 498, File #-E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C



Industrial Grade Straight Blade Plugs and Connectors



Wetguard® Devices Engineered to IP66 & IP67 Watertight Standards

Wetguard Straight Blade Plugs and Connectors

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
Rubber Yellow, 15A-125V 2-Pole, 3-Wire	<b>14W47</b> NEMA 5-15P	<b>15W47</b> NEMA 5-15R
Black Rubber, 15A-125V 2-Pole, 3-Wire	<b>14W47-B</b> NEMA 5-15P	<b>15W47-B</b> NEMA 5-15R
Yellow Rubber, 15A-250V 2-Pole, 3-Wire	<b>14W49</b> NEMA 6-15P	<b>15W49</b> NEMA 6-15R
Yellow Rubber, 15A-277V 2-Pole, 3-Wire	<b>14W34</b> NEMA 7-15P	—
Yellow Rubber, 20A-125V 2-Pole, 3-Wire	<b>14W33</b> NEMA 5-20P	<b>15W33</b> NEMA 5-20R
Yellow Rubber, 20A-250V 2-Pole, 3-Wire	<b>14W48</b> NEMA 6-20P	<b>15W48</b> NEMA 6-20R



Replacement Closure Cap

DESCRIPTION	CAT. NO.
Replacement Female Closure Cap for use with 15A & 20A 2-pole, 3-wire devices	<b>50W50</b>

Dustguard® Devices Engineered to IP44 Splashproof and Dust-Tight Standards

Dustguard Straight Blade Plugs and Connectors

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
High-Visibility Yellow, 15A-125V 2-Pole, 3-Wire	<b>1447</b> NEMA 5-15P	<b>1547</b> NEMA 5-15R
High-Visibility Yellow, 15A-250V 2-Pole, 3-Wire	<b>1449</b> NEMA 6-15P	<b>1549</b> NEMA 6-15R
High-Visibility Yellow, 20A-125V 2-Pole, 3-Wire	<b>1433</b> NEMA 5-20P	<b>1533</b> NEMA 5-20R
High-Visibility Yellow, 20A-250V 2-Pole, 3-Wire	<b>1448</b> NEMA 6-20P	<b>1548</b> NEMA 6-20R

SPECIFICATIONS AND FEATURES

Wetguard

- IEC IP66 and IP 67 Rated, in accordance with IEC 529 as evaluated by UL and CSA
- NEMA Type 3, 3S, 4, 4X, 6 and 6P Ratings in accordance with UL 50 and CSA 94
- Outstanding resistance to wet and damp environments, extreme temperature variations, acids, alkalis, grease, oils and solvents
- Effective “tongue and groove” construction seals out water, moisture, dirt when plugs are mated with connectors
- Innovative strain-relief grips cables securely, keeps out water and moisture
- Cord clamp range: 18/3–10/3S0 (.375”–.655”)

- Non-magnetic stainless steel fast-threading assembly screws won’t interfere with sensitive equipment
- Connector “hood” closure cap seals device when not in use

Dustguard

- IEC/IP44 Rated
- Developed to withstand dusty and dirty environments, cracking and fading, temperature extremes
- Rugged wiring modules have high performance 1-piece brass triple-wipe contacts, solid brass plug blades
- Self centering cord clamp accepts wide range of conductors, 18-3 SVT–12-3S0 (.240”–.655”)

TESTING AND CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: Wetguard (File #13393), Dustguard (File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

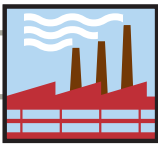
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C

Straight Blade Plugs and Connectors








# 15 AMP 125 and 250V • 20 AMP 125 and 250V

## Industrial Grade Straight Blade Plugs and Connectors

**PYTHON™** Python™ Plugs and Connectors Feature a Hinged Design for Fast, Easy Installation and Assembly

### Hospital Grade — 15 AMP 125V 2-Pole, 3-Wire Grounding



DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
	NEMA 5-15P 	NEMA 5-15R 

White Nylon Body	<b>8256-V</b>	<b>8259-V</b>
------------------	---------------	---------------

### Industrial Grade — 15 AMP 125V 2-Pole, 3-Wire Grounding

Black Nylon Body	<b>5256-VB</b>	<b>5259-VB</b>
High-Visibility Yellow Nylon Body	<b>5256-VY</b>	<b>5259-VY</b>
Gray Nylon Body	<b>5256-VG</b>	<b>5259-VG</b>
Angle, High-Visibility Yellow Nylon Body	<b>5256-VA</b>	—

### Hospital Grade — 15 AMP 250V 2-Pole, 3-Wire Grounding




DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
	NEMA 6-15P 	NEMA 6-15R 

White Nylon Body	<b>8656-V</b>	<b>8659-V</b>
------------------	---------------	---------------

### Industrial Grade — 15 AMP 250V 2-Pole, 3-Wire Grounding

High-Visibility Yellow Nylon Body	<b>15656-VY</b>	<b>15659-VY</b>
Angle, High-Visibility Yellow Nylon Body	<b>15656-VA</b>	—

### Hospital Grade — 20 AMP 125V 2-Pole, 3-Wire Grounding




DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
	NEMA 5-20P 	NEMA 5-20R  <small>CSA config. in Canada</small> 

White Nylon Body	<b>8356-V</b>	<b>8359-V</b>
------------------	---------------	---------------

### Industrial Grade — 20 AMP 125V 2-Pole, 3-Wire Grounding

Black Nylon Body	<b>5356-VB</b>	<b>5359-VB</b>
High-Visibility Yellow Nylon Body	<b>5356-VY</b>	<b>5359-VY</b>
Angle, High-Visibility Yellow Nylon Body	<b>5356-VA</b>	—

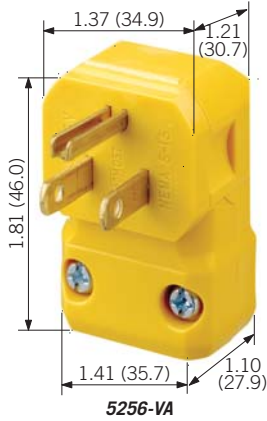
### Hospital Grade — 20 AMP 250V 2-Pole, 3-Wire Grounding

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
	NEMA 6-20P 	NEMA 6-20R  <small>CSA config. in Canada</small> 

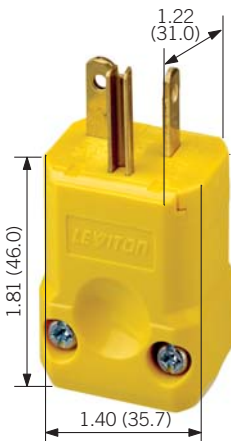
White Nylon Body	<b>8456-V</b>	<b>8459-V</b>
------------------	---------------	---------------

### Industrial Grade — 20 AMP 250V 2-Pole, 3-Wire Grounding

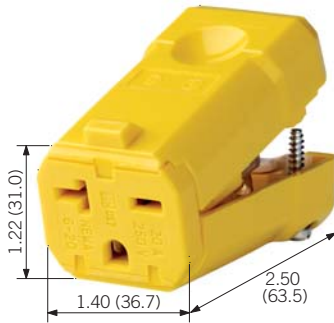
High-Visibility Yellow Nylon Body	<b>5456-VY</b>	<b>5459-VY</b>
Angle, High-Visibility Yellow Nylon Body	<b>5456-VA</b>	—



5256-VA



5456-VY



5459-VY

#### SPECIFICATIONS AND FEATURES

##### Python

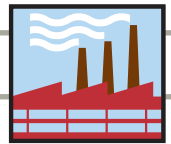
- Tough high-impact body
- Hinged design delivers fast, easy installation and assembly
- Triple-drive screws for easy wiring — Standard, Philips, Robertson
- Wide Cord Clamp Range, 18-3 SVT-10-3 ST, (.245"-.700")

#### TESTING AND CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: Industrial Plugs & Connectors (File #13393); Hospital Grade (UL 498, File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C















## Industrial Grade Straight Blade Plugs and Connectors

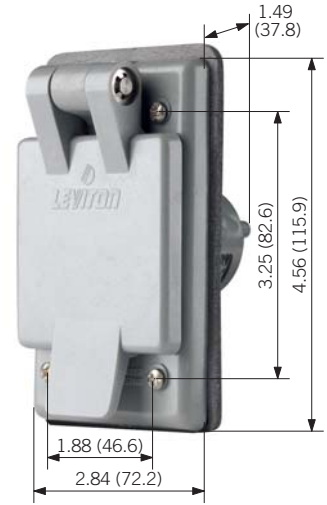
### Integrated Power Inlets and Outlets with Weather-Resistant Covers

- Engineered to IP 64 and NEMA 3R Protection Ratings
- Suitable for Industrial Indoor and Outdoor Use

#### Integrated Power Inlets and Outlets with Weather-Resistant Covers Gray, Glass-Filled Thermoplastic Cover and White, Nylon Device

DESCRIPTION	CAT. NO. FLANGED INLET	CAT. NO. FLANGED OUTLET
Standard Wire Wells, 15A-125V 2-Pole, 3-Wire	<b>5278-CWP</b> NEMA 5-15P 	<b>5279-CWP</b> NEMA 5-15R 
Slots for Fork Terminals, 15A-125V 2-Pole, 3-Wire	<b>5278-FWP</b> NEMA 5-15P 	<b>5279-FWP</b> NEMA 5-15R 
Standard Wire Wells, 15A-250V 2-Pole, 3-Wire	<b>15678-CWP</b> NEMA 6-15P 	<b>15679-CWP</b> NEMA 6-15R 
Standard Wire Wells, 20A-125V 2-Pole, 3-Wire	<b>15378-CWP</b> NEMA 5-20P 	<b>15379-CWP</b> NEMA 5-20R  
Standard Wire Wells, 20A-250V 2-Pole, 3-Wire	<b>5478-CWP</b> NEMA 6-20P 	<b>5479-CWP</b> NEMA 6-20R  

**Note:** For locking configurations, please see Section N.



5278-CWP



5278-CWP Shown Open



5279-CWP Shown Open

#### SPECIFICATIONS AND FEATURES

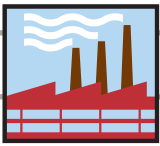
- Glass-filled thermoplastic cover and plate provide outstanding impact resistance and durability
- UL 94 VO Flammability Rating
- IP 64 Suitability rating protects against dust particles and splashing water
- NEMA Type-3R enclosure Rating ensures protection against rain, sleet and damage from external ice formations
- Available with standard wire wells or with slots that accept fork terminals
- Dual gaskets, one under plate and one under lid, for weather-resistant fit
- Stainless steel external hardware resists corrosive effects of moisture
- Large thumb-tab makes it easy to open cover with gloved hand
- Mounts to panels or FS/FD boxes
- UL Listed and CSA Certified for wet locations with cover closed

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #13397)
- CSA Certified (File #LR-16347)
- NOM Certified (#057)
- IP 64 Suitability Rating (protected against dust and splashing water)
- NEMA Type-3R Enclosure Rating when properly installed (protected against rain, sleet and damage from external ice formations)
- Backed by a Limited 2-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: VO Flammability Rating per UL 94  
Operating Temperature: -40°C to 75°C



20 AMP 125/250 and 120/208V • 30 AMP 125, 250, 277 125/250 and 120/208V

## Industrial Grade Straight Blade Plugs and Connectors

### 20 AMP Power Plugs

#### 20 AMP 125/250V Straight Blade Plugs 3-Pole 3-Wire Non-Grounding


DESCRIPTION	CAT. NO.	MATCHING RECEPTACLE	NEMA CONFIG.
Straight Plug	9151-N	5032 5032-I	10-20P 

#### 20 AMP 120/208V 4-Pole, 4-Wire, 3ØY Non-Grounding


Straight Plug	7251-C	7250-FR	18-20P 
---------------	--------	---------	--

### 30 AMP Nylon Angle Plugs


#### 30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	MATCHING RECEPTACLE	NEMA CONFIG.
Angle Plug	9530-P	5371 5371-IG	5-30P 

#### 30 AMP 250V 2-Pole 3-Wire Grounding

Angle Plug	9630-P	5372 5372-IG	6-30P 
------------	--------	-----------------	---

#### 30 AMP 277V 2-Pole 3-Wire Grounding

Angle Plug	9730-P	9730-A	7-30P 
------------	--------	--------	---


#### 30 AMP 125/250V 3-Pole 3-Wire Non-Grounding

Angle Plug	9332-P	5207	10-30P 
------------	--------	------	--

#### 30 AMP 125/250V 3-Pole 4-Wire Grounding

Angle Plug	9432-P	278	14-30P 
------------	--------	-----	--

#### 30 AMP 250V 3-Pole 4-Wire 3-Phase Grounding

Angle Plug	8432-P	8430	15-30P 
------------	--------	------	--

#### 30 AMP 120/208V 4-Pole 4-Wire 3ØY Non-Grounding

Angle Plug	8332-P	8330	18-30P 
------------	--------	------	--

For more information regarding matching receptacles, refer to Receptacles, Section G.

#### SPECIFICATIONS AND FEATURES

- Rugged cord clamp for secure cable grip accommodates cord diameters from .625" to 1.375" and does not tear conductor jacket
- Made of tough, heavy-duty nylon for long service life
- Devices feature heavy-sectioned dead-front right-angle
- Pressure-clamp terminal design
- Terminals accept up to #4AWG stranded conductors
- Four-way positioning front module
- Solid brass blades for maximum conductivity

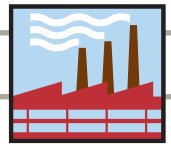
#### TESTING AND CODE COMPLIANCE

- UL Listed (File #13393)
- UL Test 498 (CSA 42)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C





Industrial Grade Straight Blade Plugs and Connectors

50 AMP Nylon Angle Plugs

50 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	MATCHING RECEPTACLE	NEMA CONFIG.
Angle Plug	9550-P	5373	5-50P

50 AMP 250V 2-Pole 3-Wire Grounding

Angle Plug	9650-P	5374 5374-IG	6-50P
------------	--------	-----------------	-------

50 AMP 277V 2-Pole 3-Wire Grounding

Angle Plug	9750-P	9750-A	7-50P
------------	--------	--------	-------

50 AMP 125/250V 3-Pole 3-Wire Non-Grounding

Angle Plug	9450-P	5206	10-50P
------------	--------	------	--------

50 AMP 125/250V 3-Pole 4-Wire Grounding

Angle Plug	9452-P	279	14-50P
------------	--------	-----	--------

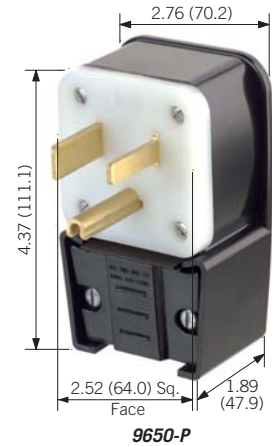
50 AMP 250V 3-Pole 4-Wire 3-Phase Grounding

Angle Plug	8452-P	8450 8450-IG	15-50P
------------	--------	-----------------	--------

50 AMP 120/208V 4-Pole 4-Wire 3ØY Non-Grounding

Angle Plug	8352-P	8350	18-50P
------------	--------	------	--------

For more information regarding matching receptacles, refer to Receptacles, Section G.



SPECIFICATIONS AND FEATURES

- Rugged cord clamp for secure cable grip accommodates cord diameters from .625" to 1.375" and does not tear conductor jacket
- Made of tough, heavy-duty nylon for long service life
- Devices feature heavy-sectioned dead-front right-angle
- Pressure-clamp terminal design
- Terminals accept up to #4AWG stranded conductors
- Four-way positioning front module
- Solid brass blades for maximum conductivity

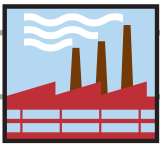
TESTING AND CODE COMPLIANCE

- UL Listed (File #13393)
- UL Test 498 (CSA 42)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

MATERIAL CHARACTERISTICS

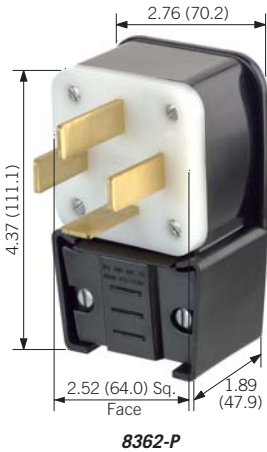
Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C





# 60 AMP 250, 125/250 and 120/208V

## Industrial Grade Straight Blade Plugs and Connectors



### 60 AMP Nylon Angle Plugs

#### 60 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	MATCHING RECEPTACLE	NEMA CONFIG.
Angle Plug	9462-P	9460 9460-IG	14-60P

#### 60 AMP 250V 3-Pole 4-Wire 3-Phase Grounding

Angle Plug	8462-P	8460	15-60P
------------	--------	------	--------

#### 60 AMP 120/208V 4-Pole 4-Wire 3ØY Non-Grounding

Angle Plug	8362-P	8360	18-60P
------------	--------	------	--------

For more information regarding matching receptacles, refer to Receptacles, Section G.

#### SPECIFICATIONS AND FEATURES

- Rugged cord clamp for secure cable grip accommodates cord diameters from .625" to 1.375" and does not tear conductor jacket
- Made of tough, heavy-duty nylon for long service life
- Devices feature heavy-sectioned dead-front right-angle
- Pressure-clamp terminal design
- Terminals accept up to #4AWG stranded conductors
- Four-way positioning front module
- Solid brass blades for maximum conductivity

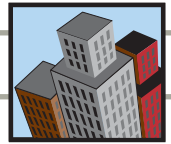
#### TESTING AND CODE COMPLIANCE

- UL Listed (File #13393)
- UL Test 498 (CSA 42)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 65°C

# STRAIGHT BLADE PLUG AND CONNECTOR FEATURES

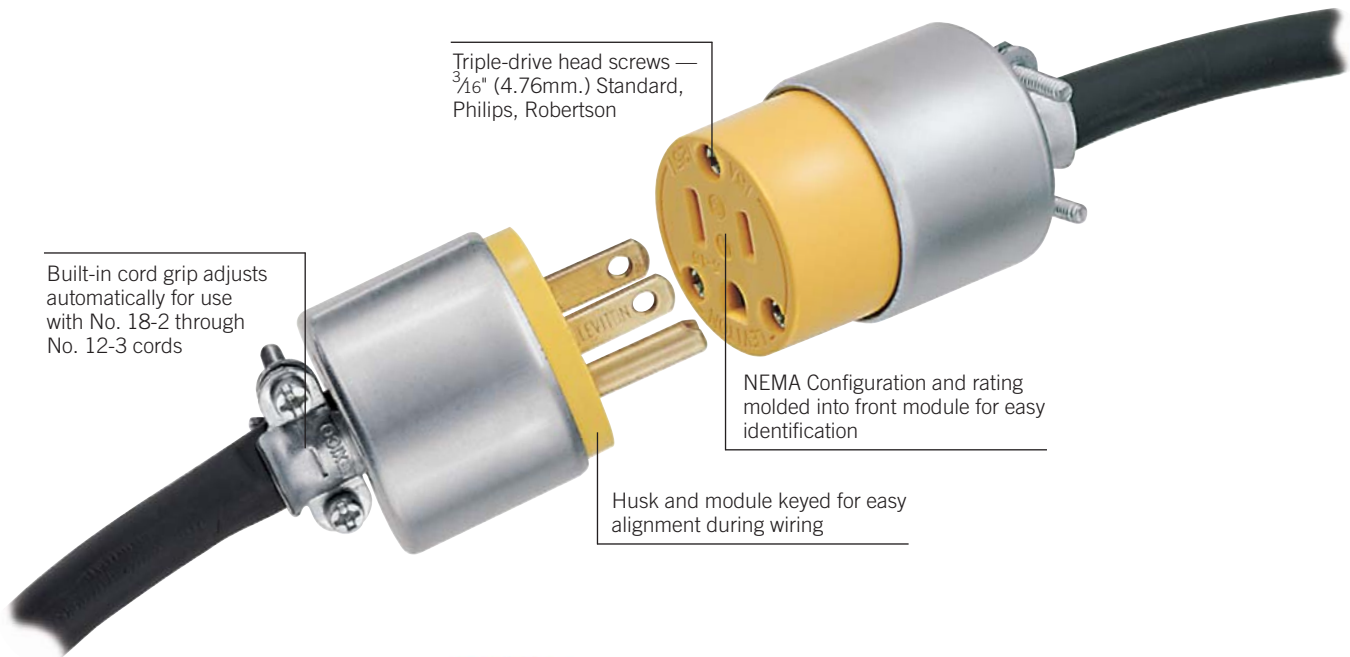


## Commercial Grade Straight Blade Plugs and Connectors

LEVITON OFFERS A LARGE SELECTION OF 15, 20, 30 AND 50 AMP COMMERCIAL GRADE STRAIGHT BLADE PLUGS AND CONNECTORS, AVAILABLE IN A WIDE VARIETY OF FEATURES.

*Leviton's Commercial Grade Straight Blade Plugs and Connectors are rugged performers. They are moisture, chemical and abuse-resistant. And they're ideal for indoor and outdoor use.*

- EPTR rubber-backed plugs and connectors stand up to rough use, protect against dirt and moisture
- Deep-slotted, backed-out terminal screws draw backwire clamps securely over stripped leads for maximum conductivity



**PVC Grounding Plug**  
Resists moisture and chemicals; suited for outdoor cords.  
**515PV shown**



**PVC Grounding Connector**  
Unique dimpled body design provides secure grip; resists abuse.  
**515CV shown**



**PVC Angle Grounding Plug**  
Speed-thread assembly screws tighten with just a few quick turns; impact-resistant.  
**515AN shown**



**Armored Grounding Plug**  
Ideal for shops, garages and rough-duty work with hard floors.  
**520PA shown**



**Armored Grounding Connector**  
Two-piece strain-relief clamp center cord for neat installation; able to take hard punishment.  
**615CA shown**



**Rubber Grounding Connector**  
Provides protection against rough use, dirt, moisture and temperature extremes.  
**515CR shown**



**Dual Power Vinyl Angle Plug**  
Thermoplastic body for long life; interchangeable blade configurations.  
**930 shown**



**Motor Base Inlet**  
Contains heavy gauge brass blades and thermoplastic housing.  
**5239 shown**

Straight Blade Plugs and Connectors

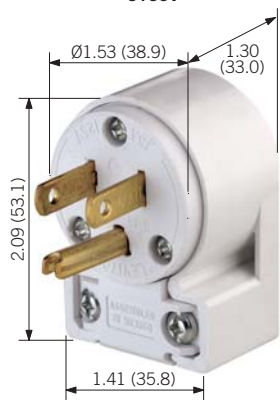


# 15 AMP 125 and 250V

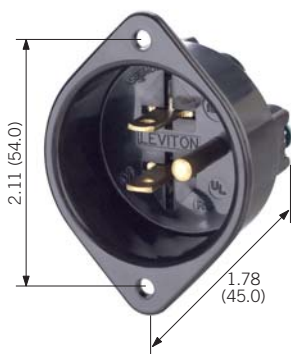
## Commercial Grade Straight Blade Plugs and Connectors



515CV





515AN





5239

### 15 AMP Plugs, Angle Plugs, Armored Plugs and Connectors

#### 15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
PVC Grounding Plug	515PV	Yellow	 
Armored Grounding Plug	515PA	Yellow/Steel Armor	
Rubber Grounding Plug	515PR	Black	
PVC Angle Grounding Plug	515AN	White	
PVC Grounding Connector	515CV	Yellow	
Armored Grounding Connector	515CA	Yellow/Steel Armor	
Rubber Grounding Connector	515CR	Black	
Motor Base Inlet	5239	Black	

#### 15 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
PVC Grounding Plug	615PV	Yellow	 
Armored Grounding Plug	615PA	Yellow/Steel Armor	
Armored Grounding Connector	615CA	Yellow/Steel Armor	
Motor Base Inlet	5240	Black	

Straight Blade Plugs and Connectors

#### SPECIFICATIONS AND FEATURES

- Triple-drive head screws — Standard, Philips, Robertson
- NEMA configuration number & rating molded on face of device for easy identification
- Rubber body is dirt and moisture resistant
- Deep-slotted, backed out terminal screws draw backwire clamps securely for maximum conductivity
- Husk & module keyed for easy alignment during wiring
- Built-in cord grip adjusts automatically for use with No. 18-3 through No. 12-3 cords (.245"–.655")
- Motor Base Inlet accepts No. 10 max. copper or copper clad wire

#### PVC Plugs & Connectors

- Rugged PVC body resists moisture and chemicals; suited for outdoor cords

- Unique dimpled body design provides a secure grip
- Speed-thread assembly screws tighten with just a few quick turns

#### Armored Plugs & Connectors

- Ideal for shops, garages and rough-duty work with hard floors
- Two piece strain-relief clamp center cord for neat installation

#### Rubber-Back Plugs & Connectors

- Designed to stand up to rough use
- No internal metal parts exposed
- Elastomeric husk provides added protection against dirt and moisture entry into the back wire port
- Designed to operate in the widest possible temperature range

#### TESTING AND CODE COMPLIANCE

- Meet NEMA requirements
- UL Listed (File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS



Environmental: Flammability, Rated V2 per UL 94  
Operating Temperature: -40°C to 65°C.





## Commercial Grade Straight Blade Plugs and Connectors

### 20 AMP Plugs, Angle Plugs, Armored Plugs and Connectors

#### 20 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
PVC Grounding Plug	520PV	Yellow	
Armored Grounding Plug	520PA	Yellow/Steel Armor	
PVC Grounding Connector	520CV	Yellow	5-20P  5-20R 
Armored Grounding Connector	520CA	Yellow/Steel Armor	

#### 20 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
PVC Grounding Plug	620PV	Yellow	
Armored Grounding Plug	620PA	Yellow/Steel Armor	
PVC Grounding Connector	620CV	Yellow	6-20P  6-20R 
Armored Grounding Connector	620CA	Yellow/Steel Armor	
Rubber Back Grounding Plug	620PR	Black	



Straight Blade Plugs and Connectors

#### SPECIFICATIONS AND FEATURES

- Triple-drive head screws — Standard, Phillips, Robertson
- NEMA configuration number & rating molded on device for easy identification
- Dirt and moisture resistant
- Deep-slotted, backed out terminal screws draw backwire clamps securely for maximum conductivity
- Husk & module keyed for easy alignment during wiring
- Built-in cord grip adjusts automatically for use with No. 18-3 through No. 12-3 cords (.245"–.655")

#### PVC Plugs & Connectors

- Rugged PVC body resists moisture and chemicals; suited for outdoor cords
- Unique dimpled body design provides a secure grip
- Speed-thread assembly screws tighten with just a few quick turns

#### Armored Plugs & Connectors

- Ideal for shops, garages and rough-duty work with hard floors
- Two piece strain-relief clamp center cord for neat installation

#### TESTING AND CODE COMPLIANCE

- Meet NEMA requirements
- UL Listed (File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

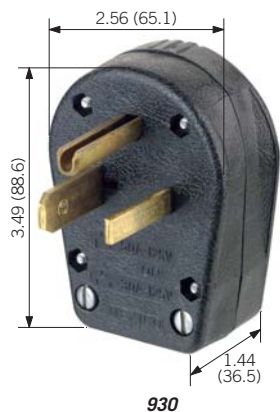
Environmental: Flammability, Rated V2 per UL 94  
 Operating Temperature: -40°C to 65°C.



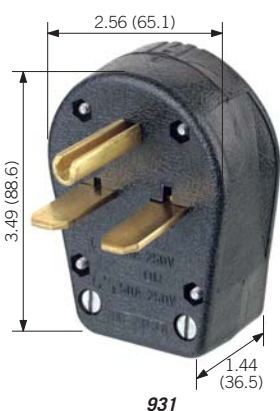


30 AMP—125V/50 AMP 125V, 250V/50 AMP 250V, 125/250V/50 AMP 125/250V, 125V

## Commercial Grade Straight Blade Plugs and Connectors





930





931

### 30 AMP/50 AMP Dual Power Attachment Plugs



#### 30 AMP 125V/50 AMP 125V Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Dual-Power Vinyl Angle Plug, Interchangeable Blades Cord Dia. Range .630"–1.050"	930	Black	5-30P  5-50P 



#### 30 AMP 250V/50 AMP 250V Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Dual-Power Vinyl Angle Plug, Interchangeable Blades Cord Dia. Range .630"–1.050"	931	Black	6-30P  6-50P 


#### 30 AMP 125/250V/50 AMP 125/250V Non-Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Dual-Power Vinyl Angle Plug, Interchangeable Blades Cord Dia. Range .687"–1.050"	287-T	Black	10-30P  10-50P 

#### 30 AMP 125/250V/50 AMP 125/250V Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Dual-Power Vinyl Angle Plug, Interchangeable Blades Cord Dia. Range .750"–1.125"	275-T	Black	14-30P  14-50P 

#### 30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Travel Trailer Vinyl Angle Plug, for use with 7313 Receptacle Cord Dia. Range .687"–.875"	830-T	Black	ANSI Std. C73.13 TT-30P 

#### SPECIFICATIONS AND FEATURES

- Tough thermoplastic shell for long life
- Shell and bottom are hinged in front for ease of assembly
- Solid brass blades with color-coded terminals simplify wiring
- Each dual combination plug supplied with 30A blades and flat 50A blade
- Dead front right angle construction
- Interchangeable blades eliminate need for stocking different devices
- Built-in rejection feature prevents closure if blades are incorrectly positioned
- Versatile cord clamp suitable for use with Nos. 14, 12, 10, 8 and 6 AWG round cord and Nos. 10/3 SRDT, 8/2-10/1 SRDT and 6/2-8/1 flat wire
- Wiring stripping gauge molded into plug cover

#### TESTING AND CODE COMPLIANCE

- Meet NEMA requirements
- UL Listed (File #13393)
- CSA Certified (File #LR-406)
- NOM Certified (File #057)
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2 per UL 94  
Operating Temperature: -40°C to 65°C



## Residential Grade Straight Blade Plugs and Connectors

### 10 AMP and 15 AMP Parallel Plugs and Connectors

10 AMP 125V w/18-2 SPT-1 Cord 3 AMP 125V w/20-2XT Cord

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Easy Wire Plug	123 123-I 123-W	Brown Ivory White		No. 18-2SPT-1 or No. 20-2 XT Only	1-15P Non-Polarized
Same as No. 123, Polarized	123-P* 123-PI* 123-PW* 123-PE*	Brown Ivory White Black			1-15P Polarized

\*Packed 500 Bulk

### 15 AMP 125V 2-Pole, 2-Wire

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Polarized Light Duty Clamptite Plug	101 101-W 101-E	Brown White Black	Up to .250	No. 20, 18, 16 Flat or Rounded	
<i>Note: Consult factory for availability of non-polarized version</i>					
Polarized Light Duty Clamptite Connector	102 102-W 102-E	Brown White Black	Up to .250	No. 20, 18, 16 Flat or Rounded	
Non-Polarized Heavy-Duty PVC Plug	115PV	Yellow			
Non-Polarized Heavy-Duty TPE Rubber Plug	115PR	Black	.245-.655*	AWG 18-2 to 12-2 cable.	
Non-Polarized Short Flat Vinyl Plug★	48643 48643-W 48643-E	Brown White Black	.375 max.	18-14	1-15P Polarized
Polarized Angle Vinyl Plug★	638 638-B 638-W	Black Brown White	.343 max.	16 max.	1-15R Polarized
Non-Polarized Round Vinyl Handle Plug, w/Cord Clamp★	48646	Black	.437 max.	18-14	
Non-Polarized Vinyl Connector, w/Cord Clamp★	612†	Black	.437 max.	14 max.	
Non-Polarized Round Vinyl Handle Plug, w/Spring Blades★	48642	Black	.375 max.	18-14	

†Not UL Listed. For replacement use only.  
CSA Certified except where indicated by ★

#### SPECIFICATIONS AND FEATURES

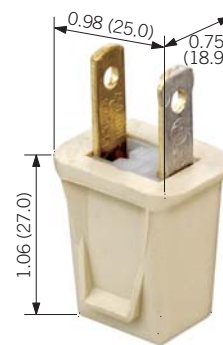
- Brass plug blades and connector contacts for maximum conductivity
- Armored devices have heavily plated steel shields and cord clamps
- Vinyl devices resist chipping, cracking, oils, grease and acids
- Rubber devices resist cold, abrasion, grease, oils, acids and impact
- Plastic devices resist grease, oils and acids

#### TESTING AND CODE COMPLIANCE

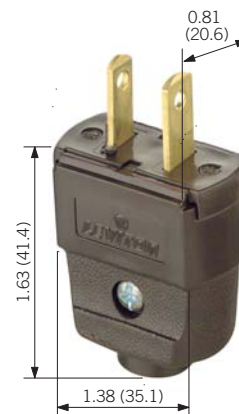
- Meet NEMA requirements (1-15P)
- UL Listed (File #E-13393)
- CSA Certified
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2 per UL 94  
Operating Temperature: -40°C to 65°C



123-PI



101



102-W



# 15 AMP 125V

## Residential Grade Straight Blade Plugs and Connectors



113





114



4937

### 15 AMP Plugs and Connectors

#### 15 AMP 125V 2-Pole, 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Vinyl Handle Plug, w/Cord Clamp★	48648	Black	.437 max.	18-14	
Vinyl Connector, w/ Steel Cord Clamp	617	Black	.437 max.	16 max.	5-15P 
Rubber Plug w/Vinyl Inner Assembly	113	Black	.396-.562	18-14	
Rubber Connector mates w/No. 113 above	114	Black	.396-.562	18-14	5-15R 
Weatherproof Inlet on Flush Mount Wallplate with Aluminum Cover	4937			No. 10 max. copper or copper clad	

CSA Certified except where indicated by ★

#### SPECIFICATIONS AND FEATURES

- Double wipe brass contacts for maximum conductivity and blade retention

#### TESTING AND CODE COMPLIANCE

- Meet NEMA requirements
- UL Listed (File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2 per UL 94  
 Operating Temperature: -40°C to 65°C

# Locking and Corrosion Resistant Devices

## INDEX

### Industrial Specification Grade Locking Devices

Overview	N2-N4
15 Amp Devices	N5, N6
20 Amp Devices	N7-N11
30 Amp Devices	N12-N16

### Wetguard® Devices

15 Amp	N17
20 Amp	N17, N18
30 Amp	N19

### Corrosion Resistant Devices

15 Amp	N20
20 Amp	N21
30 Amp	N22
50 Amp	N23

### Non-NEMA Devices

15 Amp	N24
20 Amp	N24
30 Amp	N25
50 Amp	N25
50 Amp "California Style"	N26

### Weather Resistant Boots

Power Interrupting Devices N28

Midget Straight Blade and Locking Devices N29

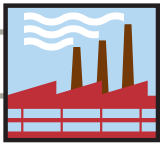
Combination Locking and

Straight Blade Devices N30

Integrated Inlets and Outlets with

Weather Resistant Covers N30





## LOCKING DEVICE FEATURES

### Industrial Grade Locking Devices

#### LOCKING DEVICES FOR THE ENTIRE SPECTRUM OF INDUSTRIAL APPLICATIONS

Leviton's Industrial Grade Locking Devices are built to provide unparalleled quality and superior performance in the most severe industrial settings. The Locking Devices line represents a broad selection of plugs and connectors, locking receptacles, flanged inlets and outlets, California-style devices, midget locking devices, power interrupting devices, and non-NEMA devices. Leviton combines the best materials available with superior production standards to produce a broad selection of Locking Devices of unmatched flexibility and dependability.



Internal wiring chambers isolate individual conductors to prevent flashover, arcing, and stray strands of wire

Transparent wiring chambers provide a means of visual inspection of conductors and terminals

Color-coded terminal screws

External cord clamp utilizes deep slotted/Phillips steel screws that are backed out and positioned inside shrouded pockets. External clamp accepts wire mesh grips

Cleat on contacts cuts oxidation when plug blades enter contact surfaces

Cable gage identifies maximum cord size allowed with strain relief insert

One-piece, rivetless, .035" thick brass contacts offer enlarged contact surface areas, improved conductivity, low resistance, low heat and long life

Ergonomically designed fluted body with radial gripping ridge creates an ideal surface for gripping, turning and pulling

Combination #10-32 deep slotted/Phillips brass screws easily torque to 10-14 in.-lbs.

- **UL 498 Listed**
- **Federal Specification WC-596 Listed**
- **CSA Specification C22.2 No. 42 Certified**

Color-coded terminal screws

Deep slotted/Phillips steel screws secure wiring module (12-14 in.-lbs) to body

Molded-in strip gage provides correct measurement for proper strip length of conductor

NEMA configuration, agency certifications and device rating are molded on front of device to assist with identification

Solid brass blades are fitted and held tightly and securely in place

Dead front construction prevents accidental contact with internal parts

Wiring module keyed to body for easy assembly

Speed drive screws for faster assembly

Super Tough Nylon resists damage from severe impact, abrasion and chemical attack

Terminal identification letters on back cover ensure quick and accurate termination



Positive crimp contact plate bundles stranded wire maximizing wire/clamp surface contact



Shrouded pockets in cord clamp prevents slippage of screwdriver blade when tightening clamp screws.



Wire clamps move within individual chambers to provide positive clamp lock without cutting wire strands.

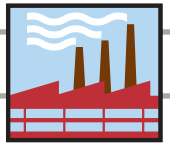


Captive terminal screws eliminate nuisance dropping and searching for missing screws.



Deep-funnelled, large wire wells guide conductors into termination position.





**Flanged Inlets and Outlets**  
Built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking.  
**2316 shown**



**Weather-Resistant Boots**  
Feature triple seal action to protect locking plugs and connectors from the harmful effects of dirt and moisture in harsh operations.  
**6034 shown**



**Midget Locking Devices**  
ML1, ML2 and ML3 Locking devices covering the entire spectrum of industrial applications where restrained space considerations are a factor.  
**ML1-C shown**



**Wetguard**  
Specifically developed for wet or damp locations. EPTR thermoplastic rubber body and rugged design resists water, acids, alkalis, grease, oils and solvents.  
**24W47 shown**

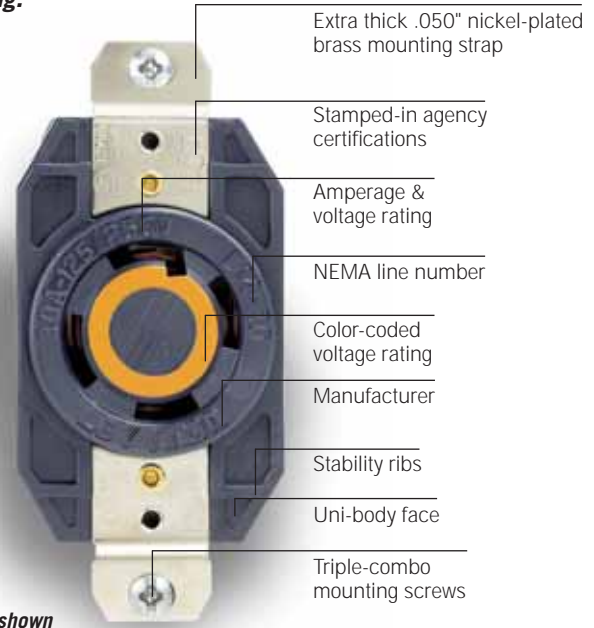
### V-MAX<sup>®</sup> LOCKING FLUSH RECEPTACLES

Engineered for maximum performance with a UL 94 V-0 Flammability Rating.

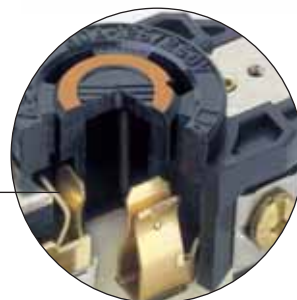
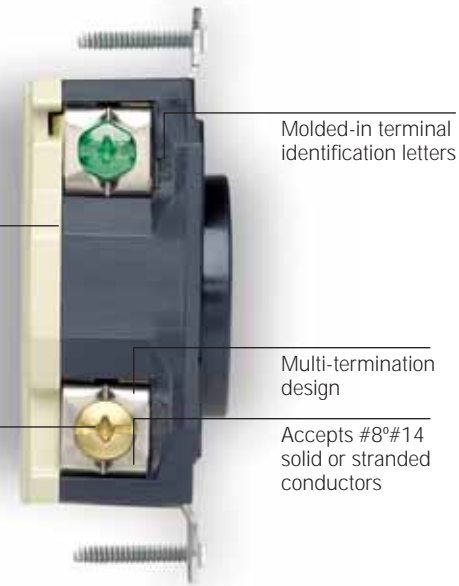


Color-Coded Voltage Ratings		
125V	250V	277V AC
125/250V	3ø250V	3ø480V

**LIFETIME WARRANTY**

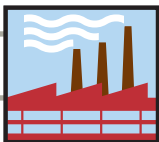


**4710 shown**



One-piece .040" thick brass, high-copper content contacts with nickel-plated clamp type terminals





# WETGUARD® LOCKING AND CORROSION RESISTANT DEVICE FEATURES

## Industrial Grade Locking and Corrosion Resistant Devices



**LIFETIME WARRANTY**

Clear back cover on wiring module for easy inspection of wired terminals

Rubber body is molded to bondable nylon substrate to maximize sealing capability

27W47 shown

Innovative strain relief system and compression nut provide a watertight seal and prevent cord slippage

Heavy-duty, one-piece nickel-plated brass contacts for maximum conductivity

EPTB rubber parts resist water and most acids, alkalis, grease, oil, and solvents. Offers UV stability and resists fungal growth

Combination Phillips/standard assembly screws (Robertson/Slotted for Canada)

Nickel-plated brass blades, contacts, wiring screws and lugs resist corrosion

NEMA configuration number and rating molded onto device face

Module and husk keyed for alignment

Non-magnetic stainless steel body assembly screws prevent electromagnetic interference

Cord Ranges  
.375" min., 1.125" max.

26W47 shown

Deep-fluted finger grips make for a firm grip when tightening nut

Extra large, deep wiring wells for quick, easy insertion of stranded conductors



Wetguard Products are Engineered to Meet or Exceed UL and IEC Watertight Standards

- UL 498 Listed
- Federal Specification WC-596 Listed
- CSA Specification C22.2 No. 42 Certified
- Meets IP and NEMA Watertight Standards

**Leviton's Corrosion Resistant Devices are specifically designed for extremely damp and corrosive environments. They offer additional corrosive resistance because the metal parts (blades, contacts, terminals and screws) are nickel-plated. They have also passed the ASTM (B117.13) 500 hour Salt Spray (Fog) Test.**

Captive, brass #8 terminal screws are color coded for easy wiring identification

Solid brass plug blades held tightly in individual module configurations

Plug blades avoid contaminants in interior chamber

Non-magnetic stainless steel assembly screws will not interfere with sensitive navigational equipment

52CM-69C shown

All current-carrying metal parts (blades, contacts, terminals and screws) are electroless nickel-coated

### WEATHER RESISTANT BOOTS AND COVERS FOR CORROSION RESISTANT DEVICES

Weather-resistant boots and covers for plugs and connectors are available for 15A, 20A, 30A and 50A straight and locking plugs and connectors. The tough, rubber triple-seal design protects devices against the harmful effects of dirt and moisture. Lexan covers for 15A, 20A and 30A flush receptacles have close-fitting, spring-loaded lids to protect outlets against the elements in harsh environments. Boots and covers are listed after their appropriate device.

52CM-66C shown

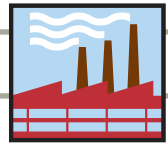
Wire clamp provides positive crimp lock without cutting wire strands

Wiring module keyed to body for easy assembly and tight fit



Mill-slotted, stainless steel cord clamp screws set in deep-funnelled wells



Heavy-duty, impact-resistant, super tough ST801 all-nylon body construction, with sure grip fluted design

Nylon plug and connector body is distinguished by a bright yellow color for easy identification as corrosion resistant



Industrial Grade Locking Devices

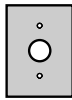
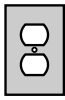

15 AMP 125V 2-Pole 3-Wire Grounding  

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Dustguard™ Locking Plug, Yellow EPTR Body	2447	
Dustguard™ Locking Connector, Yellow EPTR Body	2547	
Duplex Flush Receptacle, Self Grounding, Back and Side Wired	4700	
Duplex Flush Receptacle w/2 Hot Feeds and 1 Neutral Return, Self Grounding, Back and Side Wired	4702-IIR	
Duplex Flush Receptacle w/Split Feed — 2 Hot Feeds and 2 Neutral Returns, Self Grounding, Back and Side Wired	4703-IIR	
Duplex Flush Receptacle, Isolated Ground, Back and Side Wired	4700-IG	
Single Flush Receptacle	4710	
Single Flush Receptacle, w/Short Strap	4710-SS	
Single Flush Receptacle, Isolated Ground	4710-IG	
Locking Flanged Outlet	4715-C	
Locking Flanged Inlet	4716-C	
Locking Plug, Black & White Nylon Body	4720-C	
Power Indication™ Locking Plug, Black & White Nylon Body	4720-PLC	
Angle Locking Plug, Black & White Nylon Body	4720-CA	
Locking Plug, All Black Nylon for Stage and Studio	4720-CB	
Locking Plug, Yellow Nylon Body	4720-CY	
Locking Connector, Black & White Nylon Body	4729-C	
Power Indication™ Locking Connector, Black Nylon Body	4729-PLC	
Locking Connector, All Black Nylon for Stage and Studio	4729-CB	
Locking Connector, Yellow Nylon Body	4729-CY	

Weather-Resistant Boots for 15A Locking Plugs and Connectors are listed on page N27

**Cord Clamp Range**—Black & White Plugs and Connectors: .240"–.700" #18–#10 AWG Dustguard Plugs and Connectors: .240"–.655" #18–#12 AWG

Wallplates and Covers

302 STAINLESS STEEL SINGLE RECEPTACLE	302 STAINLESS STEEL DUPLEX RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER FOR INLETS AND OUTLETS
1.41" Dia. Opening		IP64 Rated—Includes Gasket and Screws
		
84004-40	84003-40	WP1

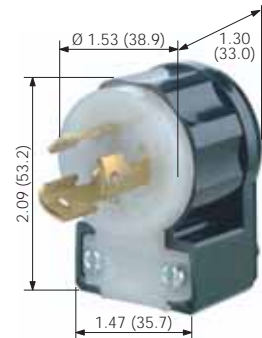
For complete wallplate selection, see Section E.



4720-C



4729-C



4720-CA



4716-C

SPECIFICATIONS AND FEATURES

Locking Flush Receptacles

- Rugged nylon body and cover for outstanding resistance to impact and harsh chemicals
- Double-wipe phosphor-bronze power contacts

Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals
- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life
- Power Indication™ 15A Locking Plugs & Connectors equipped with green neon bulb rated at 30,000 hours (24/7) for 3.5 years

Flanged Inlets and Outlets

- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

Dustguard Plugs and Connectors

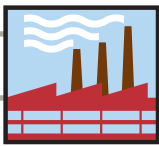
- IEC IP44 Rated
- Developed to withstand dusty and dirty environments, cracking and fading, temperature extremes
- Rugged wiring modules have high performance single-piece brass triple-wipe contacts; solid brass plug blades

TESTING AND CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94  
Operating Temperature: -40°C to 60°C

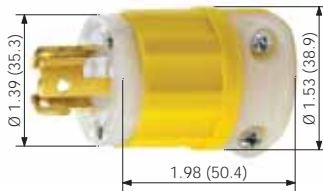


# 15 AMP 250V, 277V and 3Ø 250V

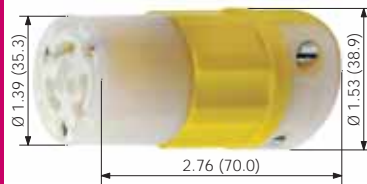
## Industrial Grade Locking Devices



4570-CA



4570-CY



4579-CY

**Cord Clamp Range**—Black & White Plugs and Connectors: .240"–.700" #18–#10 AWG

### 15 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Duplex Flush Receptacle, Self Grounding, Back and Side Wired	4550	
Duplex Flush Receptacle, Isolated Ground, Back and Side Wired	4550-IG	
Single Flush Receptacle	4560	
Single Flush Receptacle, Isolated Ground	4560-IG	
Locking Plug, Black & White Nylon Body	4570-C	
Power Indication™ Locking Plug, Black & White Nylon Body	4570-PLC	
Angle Locking Plug, Black & White Nylon Body	4570-CA	L6-15P  L6-15R
Locking Plug, Yellow Nylon Body	4570-CY	
Locking Connector, Black & White Nylon Body	4579-C	
Power Indication™ Locking Connector, Black & White Nylon Body	4579-PLC	
Locking Connector, Yellow Nylon Body	4579-CY	
Locking Flanged Outlet	4585-C	
Locking Flanged Inlet	4586-C	

### 15 AMP 277V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Duplex Flush Receptacle, Self Grounding, Back and Side Wired	4750	
Duplex Flush Receptacle, Isolated Ground, Back and Side Wired	4570-IG	
Single Flush Receptacle	4760	
Single Flush Receptacle, Isolated Ground	4760-IG	
Locking Plug, Black & White Nylon Body	4770-C	
Power Indication™ Locking Plug, Black & White Nylon Body	4770-PLC	
Angle Locking Plug, Black & White Nylon Body	4770-CA	L7-15P  L7-15R
Locking Plug, Yellow Nylon Body	4770-CY	
Locking Connector, Black & White Nylon Body	4779-C	
Locking Connector, Yellow Nylon Body	4779-CY	
Power Indication™ Locking Connector, Black & White Nylon Body	4779-PLC	
Locking Flanged Outlet	4785-C	
Locking Flanged Inlet	4786-C	

### 15 AMP 3Ø 250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	4870	
Locking Plug, Black & White Nylon Body	4880-C	L11-15P  L11-15R
Locking Connector, Black & White Nylon Body	4889-C	

*Weather-Resistant Boots for 15A Locking Plugs and Connectors are listed on page N27*

### Wallplates and Covers

302 STAINLESS STEEL SINGLE RECEPTACLE	302 STAINLESS STEEL DUPLEX RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER FOR INLETS AND OUTLETS
1.41" Dia. Opening		IP64 Rated—Includes Gasket and Screws
84004-40	84003-40	WP1

*For complete wallplate selection, see Section E.*

#### SPECIFICATIONS AND FEATURES

##### Locking Flush Receptacles

- Rugged nylon body and cover for outstanding resistance to impact and harsh chemicals
- Double-wipe phosphor-bronze power contacts

##### Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals
- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life

- Power Indication™ 15A Locking Plugs & Connectors equipped with green neon bulb rated at 30,000 hours (24/7) for 3.5 years

##### Flanged Inlets and Outlets

- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

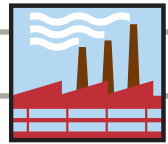
#### TESTING AND CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94  
Operating Temperature: -40°C to 60°C

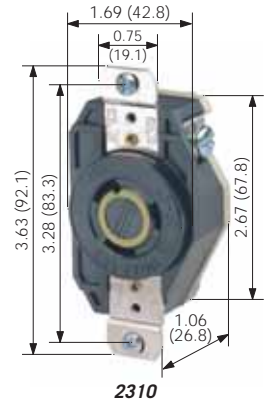




Industrial Grade Locking Devices

20 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2310	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2310-IG	
Locking Plug, Black & White Nylon Body	2311	
Power Indication™ Locking Plug, Black & White Nylon Body	2311-PLC	
Locking Plug, all Black for Stage and Studio	2311-B	
Power Indication™ Locking Plug, All-Black Nylon Body	2311-PLB	
Locking Plug, Yellow Nylon Body	2311-CY	
Locking Connector, Black & White Nylon Body	2313	
Power Indication™ Locking Connector, Black & White Nylon Body	2313-PLC	
Locking Connector, all Black for Stage and Studio	2313-B	
Power Indication™ Locking Connector, All-Black Nylon Body	2313-PLB	
Locking Connector, Yellow Nylon Body	2313-CY	
Locking Flanged Inlet	2315	
Locking Flanged Outlet	2316	



2310

20 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2320	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2320-IG	
Locking Plug, Black & White Nylon Body	2321	
Power Indication™ Locking Plug, Black & White Nylon Body	2321-PLC	
Power Indication™ Locking Plug, All-Black Nylon Body	2321-PLB	
Locking Plug, Yellow Nylon Body	2321-CY	
Locking Connector, Black & White Nylon Body	2323	
Power Indication™ Locking Connector, Black & White Nylon Body	2323-PLC	
Power Indication™ Locking Connector, All-Black Nylon Body	2323-PLB	
Locking Connector, Yellow Nylon Body	2323-CY	
Locking Flanged Inlet	2325	
Locking Flanged Outlet	2326	



2311



2313



2316

20 AMP 277V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2330	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2330-IG	
Locking Plug, Black & White Nylon Body	2331	
Power Indication™ Locking Plug, Black & White Nylon Body	2331-PLC	
Locking Connector, Black Nylon Body	2333	
Power Indication™ Locking Connector, Black & White Nylon Body	2333-PLC	
Locking Flanged Inlet	2335	
Locking Flanged Outlet	2336	



Weather-Resistant Boots for 20A Locking Plugs and Connectors are listed on page N27

For recommended Wallplates and Covers, see page N8.  
For complete wallplate selection, see Section E.

Cord Clamp Range—Black & White Plugs and Connectors: .385"–.780" #16–#10 AWG

SPECIFICATIONS AND FEATURES

- V-O-Max® Locking Flush Receptacles**
- UL 94 V-O Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacles available today
  - Extra-thick .050" nickel-plated brass mounting strap for high-abuse applications
  - Designed for maximum durability: One-piece .040" brass, high copper-content contacts with nickel-plated clamp-type terminals
  - Color-coded voltage rating on face for easy identification
- Locking Plugs and Connectors**
- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals
  - Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling

- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
  - One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life
  - Power Indication™ 20A Locking Plugs & Connectors equipped with green LED rated at 100,000 hours (24/7) for 11.5 years
- Flanged Inlets and Outlets**
- Rugged nylon flange fits flush and won't crack in high-abuse applications
  - Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
  - Wire clamps provide positive crimp lock without cutting wire strands

TESTING AND CODE COMPLIANCE

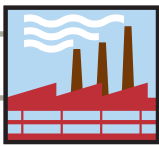
- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0  
Operating Temperature: -40°C to 60°C

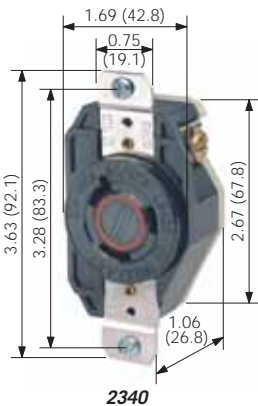
Locking Devices





# 20 AMP 347V, 480V, 600V and 125/250V

## Industrial Grade Locking Devices



2340

### 20 AMP 347V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	3720	
Locking Plug, Black & White Nylon Body	3721	L24-20P  L24-20R
Locking Connector, Black & White Nylon Body	3723	
Locking Flanged Inlet	3755	
Locking Flanged Outlet	3756	



2341

### 20 AMP 480V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2340	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2340-IG	
Locking Plug, Black & White Nylon Body	2341	L8-20P  L8-20R
Locking Connector, Black & White Nylon Body	2343	
Locking Flanged Inlet	2345	
Locking Flanged Outlet	2346	



2343

### 20 AMP 600V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2350	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2350-IG	
Locking Plug, Black & White Nylon Body	2351	L9-20P  L9-20R
Locking Connector, Black & White Nylon Body	2353	
Locking Flanged Inlet	2355	
Locking Flanged Outlet	2356	



2365

### 20 AMP 125/250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2360	
Locking Plug, Black & White Nylon Body	2361	L10-20P  L10-20R
Locking Connector, Black & White Nylon Body	2363	
Locking Flanged Inlet	2365	
Locking Flanged Outlet	2366	

Weather-Resistant Boots for 20A Locking Plugs and Connectors are listed on page N27

Cord Clamp Range—Black & White Plugs and Connectors: .385"–.780" #16–#10 AWG

### Wallplates and Covers

302 STAINLESS STEEL SINGLE RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER FOR 20A INLETS/OUTLETS AND 20A RECEPTACLES	WEATHER-RESISTANT THERMOPLASTIC COVER FOR RECEPTACLES
1.60" Dia. Opening	IP64 Rated—Includes Gasket and Screws	Self-Closing Lid—Includes Gasket and Screws
84020-40	WP2 for Inlets/Outlets 7420-CR for Receptacles	4980-GY

For complete wallplate selection, see Section E.

### SPECIFICATIONS AND FEATURES

#### V-O-Max® Locking Flush Receptacles

- UL 94 V-O Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacles available today
- Extra-thick .050" nickel-plated brass mounting strap for high-abuse applications
- Designed for maximum durability: One-piece .040" brass, high copper-content contacts with nickel-plated clamp-type terminals
- Color-coded voltage rating on face for easy identification

#### Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals

- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life

#### Flanged Inlets and Outlets

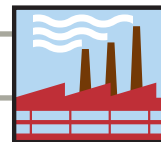
- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

### TESTING AND CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

### MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0  
Operating Temperature: -40°C to 60°C



Industrial Grade Locking Devices

20 AMP 3Ø 250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2370	
Locking Plug, Black & White Nylon Body	2371	
Locking Connector, Black & White Nylon Body	2373	L11-20P  L11-20R
Locking Flanged Inlet	2375	
Locking Flanged Outlet	2376	

20 AMP 3Ø 480V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2380	
Locking Plug, Black & White Nylon Body	2381	
Locking Connector, Black & White Nylon Body	2383	L12-20P  L12-20R
Locking Flanged Inlet	2385	
Locking Flanged Outlet	2386	

20 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2410	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2410-IG	
Locking Plug, Black & White Nylon Body	2411	
Locking Connector, Black & White Nylon Body	2413	L14-20P  L14-20R
Locking Flanged Inlet	2415	
Locking Flanged Outlet	2416	

20 AMP 3Ø 250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2420†	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2420-IG†	
Locking Plug, Black & White Nylon Body	2421	
Locking Connector, Black & White Nylon Body	2423	L15-20P  L15-20R
Locking Flanged Inlet	2425	
Locking Flanged Outlet	2426	

Weather-Resistant Boots for 20A Locking Plugs and Connectors are listed on page N27

**Cord Clamp Range**—Black & White Plugs and Connectors 3-Wire: .385"–.780" #16–#10 AWG  
4-Wire: .595"–.895" #14–#10 AWG

Wallplates and Covers

302 STAINLESS STEEL SINGLE RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER FOR 20A INLETS/OUTLETS AND 20A RECEPTACLES	WEATHER-RESISTANT THERMOPLASTIC COVER FOR RECEPTACLES
1.60" Dia. Opening	IP64 Rated—Includes Gasket and Screws	Self-Closing Lid—Includes Gasket and Screws
	WP2 for Inlets/Outlets  7420-CR for Receptacles	
84020-40		4980-GY

For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

V-O-Max® Locking Flush Receptacles

- UL 94 V-O Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacles available today
- Extra-thick .050" nickel-plated brass mounting strap for high-abuse applications
- Designed for maximum durability: One-piece .040" brass, high copper-content contacts with nickel-plated clamp-type terminals
- Color-coded voltage rating on face for easy identification

Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals

- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life

Flanged Inlets and Outlets

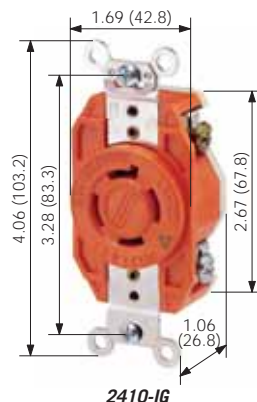
- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

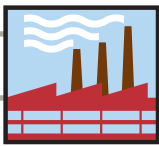
TESTING AND CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

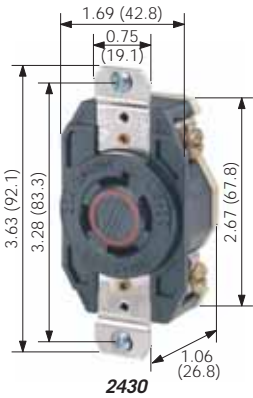
Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0  
Operating Temperature: -40°C to 60°C





# 20 AMP 3Ø 480V; 3ØY 120/208V, 277/480V and 347/600V

## Industrial Grade Locking Devices



2430



2441



2433



2435

### 20 AMP 3Ø 480V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2430	
V-0-MAX® Single Flush Receptacle, Isolated Ground	2430-IG	
Locking Plug, Black & White Nylon Body	2431	L16-20P  L16-20R
Locking Connector, Black & White Nylon Body	2433	
Locking Flanged Inlet	2435	
Locking Flanged Outlet	2436	

### 20 AMP 3ØY 120/208V 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2440	
Locking Plug, Black & White Nylon Body	2441	
Locking Connector, Black & White Nylon Body	2443	L18-20P  L18-20R
Locking Flanged Inlet	2445	
Locking Flanged Outlet	2446	

### 20 AMP 3ØY 277/480V 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2450	
Locking Plug, Black & White Nylon Body	2451	
Locking Connector, Black & White Nylon Body	2453	L19-20P  L19-20R
Locking Flanged Inlet	2455	
Locking Flanged Outlet	2456	

### 20 AMP 3ØY 347/600V 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2460	
Locking Plug, Black & White Nylon Body	2461	
Locking Connector, Black & White Nylon Body	2463	L20-20P  L20-20R
Locking Flanged Inlet	2465	
Locking Flanged Outlet	2466	

Weather-Resistant Boots for 20A Locking Plugs and Connectors are listed on page N27

**Cord Clamp Range**—Black & White Plugs and Connectors: .595"–.895" #14–#10 AWG

### Wallplates and Covers

302 STAINLESS STEEL SINGLE RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER FOR 20A INLETS/OUTLETS AND 20A RECEPTACLES	WEATHER-RESISTANT THERMOPLASTIC COVER FOR RECEPTACLES
1.60" Dia. Opening	IP64 Rated—Includes Gasket and Screws	Self-Closing Lid—Includes Gasket and Screws
84020-40	WP2 for Inlets/Outlets 7420-CR for Receptacles	4980-GY

For complete wallplate selection, see Section E.

### SPECIFICATIONS AND FEATURES

#### V-0-Max® Locking Flush Receptacles

- UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacles available today
- Extra-thick .050" nickel-plated brass mounting strap for high-abuse applications
- Designed for maximum durability: One-piece .040" brass, high copper-content contacts with nickel-plated clamp-type terminals
- Color-coded voltage rating on face for easy identification

#### Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals

- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life

#### Flanged Inlets and Outlets

- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

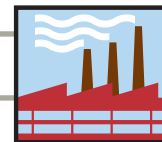
### TESTING AND CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

### MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94, V-0-MAX® Receptacles Rated V0  
Operating Temperature: -40°C to 60°C





Industrial Grade Locking Devices

20 AMP 3ØY 120/208V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2510	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2510-IG	
Locking Plug, Black & White Nylon Body	2511	L21-20P  L21-20R
Locking Connector, Black & White Nylon Body	2513	
Locking Flanged Inlet	2515	
Locking Flanged Outlet	2516	

20 AMP 3ØY 277/480V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2520	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2520-IG	
Locking Plug, Black & White Nylon Body	2521	L22-20P  L22-20R
Locking Connector, Black & White Nylon Body	2523	
Locking Flanged Inlet	2525	
Locking Flanged Outlet	2526	

20 AMP 3ØY 347/600V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2530	
Single Flush Receptacle, Isolated Ground	2530-IG	
Locking Plug, Black & White Nylon Body	2531	L23-20P  L23-20R
Locking Connector, Black & White Nylon Body	2533	
Locking Flanged Inlet	2545	
Locking Flanged Outlet	2546	

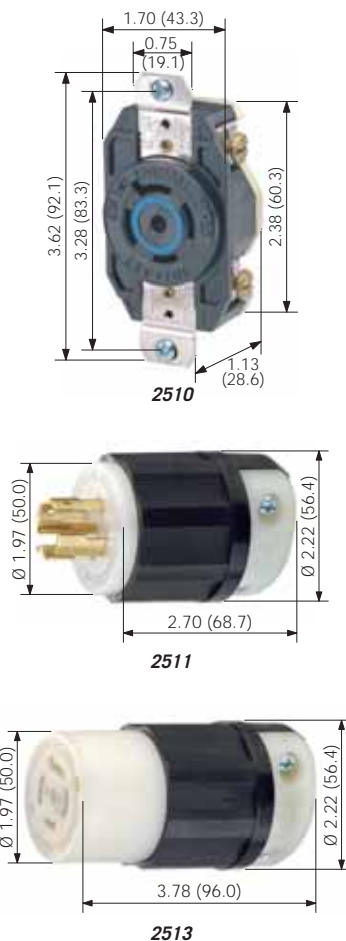
Weather-Resistant Boots for 20A Locking Plugs and Connectors are listed on page N27

Cord Clamp Range—Black & White Plugs and Connectors: .595"-.895" #14-#10 AWG

Wallplates and Covers

302 STAINLESS STEEL SINGLE RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER FOR 20A INLETS/OUTLETS AND 20A RECEPTACLES	WEATHER-RESISTANT THERMOPLASTIC COVER FOR RECEPTACLES
1.60" Dia. Opening	IP64 Rated—Includes Gasket and Screws	Self-Closing Lid—Includes Gasket and Screws
84020-40	WP2 for Inlets/Outlets 7420-CR for Receptacles	4980-GY

For complete wallplate selection, see Section E.



Locking Devices

SPECIFICATIONS AND FEATURES

Locking Flush Receptacles

- UL 94 V-O Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacles available today
- Extra-thick .050" nickel-plated brass mounting strap for high-abuse applications
- Designed for maximum durability: One-piece .040" brass, high copper-content contacts with nickel-plated clamp-type terminals
- Color-coded voltage rating on face for easy identification

Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals

- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life

Flanged Inlets and Outlets

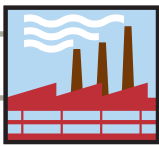
- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

TESTING AND CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

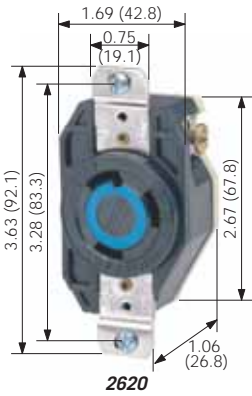
MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0  
Operating Temperature: -40°C to 60°C



# 30 AMP 125V, 250V and 277V

## Industrial Grade Locking Devices



2620



2621-B



2625F

**Cord Clamp Range**—Black & White Plugs and Connectors: .385"–.860" #16–#8 AWG

### 30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2610	
V-0-MAX® Single Flush Receptacle, Isolated Ground	2610-IG	
Locking Plug, Black & White Nylon Body	2611	
Power Indication™ Locking Plug, Black & White Nylon Body	2611-PLC	
Locking Plug, All Black for Stage and Studio	2611-B	
Power Indication™ Locking Plug, All-Black Nylon Body	2611-PLB	
Locking Plug, Yellow Nylon Body	2611-CY	
Locking Connector, Black & White Nylon Body	2613	L5-30P  L5-30R
Power Indication™ Locking Connector, Black & White Nylon Body	2613-PLC	
Locking Connector, All Black for Stage and Studio	2613-B	
Power Indication™ Locking Connector, All-Black Nylon Body	2613-PLB	
Locking Connector, Yellow Nylon Body	2613-CY	
Locking Flanged Inlet	2615	
Locking Flanged Outlet	2616	

### 30 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2620	
V-0-MAX® Single Flush Receptacle, Isolated Ground	2620-IG	
Locking Plug, Black & White Nylon Body	2621	
Power Indication™ Locking Plug, Black & White Nylon Body	2621-PLC	
Locking Plug, All Black for Stage and Studio	2621-B	
Locking Plug, Yellow Nylon Body	2621-CY	
Locking Connector, Black & White Nylon Body	C2623	L6-30P  L6-30R
Power Indication™ Locking Connector, Black & White Nylon Body	C2623-PLC	
Locking Connector, All Black for Stage and Studio	C2623-B	
Locking Connector, Yellow Nylon Body	C2623-CY	
Locking Flanged Inlet	2625F	
Locking Flanged Outlet	2626F	

### 30 AMP 277V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2630	
V-0-MAX® Single Flush Receptacle, Isolated Ground	2630-IG	
Locking Plug, Black & White Nylon Body	2631	
Power Indication™ Locking Plug, Black & White Nylon Body	2631-PLC	
Locking Connector, Black & White Nylon Body	2633	L7-30P  L7-30R
Power Indication™ Locking Connector, Black & White Nylon Body	2633-PLC	
Locking Flanged Inlet	2635	
Locking Flanged Outlet	2636	

**Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page N27**

**For recommended Wallplates and Covers, see page N13.  
For complete wallplate selection, see Section E.**

#### SPECIFICATIONS AND FEATURES

##### V-0-Max® Locking Flush Receptacles

- UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacles available today
- Extra-thick .050" nickel-plated brass mounting strap for high-abuse applications
- Designed for maximum durability: One-piece .040" brass, high copper-content contacts with nickel-plated clamp-type terminals
- Color-coded voltage rating on face for easy identification

##### Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals
- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling

- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life
- Power Indication™ 30A Locking Plugs & Connectors equipped with green LED rated at 100,000 hours (24/7) for 11.5 years

##### Flanged Inlets and Outlets

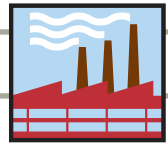
- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

#### TESTING AND CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94, V-0-MAX® Receptacles Rated V0  
Operating Temperature: -40°C to 60°C



## Industrial Grade Locking Devices

### 30 AMP 480V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	<b>2640</b>	
V-O-MAX® Single Flush Receptacle, Isolated Ground	<b>2640-IG</b>	
Locking Plug, Black & White Nylon Body	<b>2641</b>	L8-30P  L8-30R
Locking Connector, Black & White Nylon Body	<b>2643</b>	
Locking Flanged Inlet	<b>2645</b>	
Locking Flanged Outlet	<b>2646</b>	

### 30 AMP 600V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	<b>2650-A</b>	
V-O-MAX® Single Flush Receptacle, Isolated Ground	<b>2650-IG</b>	
Locking Plug, Black & White Nylon Body	<b>C2651</b>	L9-30P  L9-30R
Locking Connector, Black & White Nylon Body	<b>C2653</b>	
Locking Flanged Inlet	<b>2655</b>	
Locking Flanged Outlet	<b>2656</b>	

### 30 AMP 125/250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	<b>2660-A</b>	
Locking Plug, Black & White Nylon Body	<b>2661</b>	
Locking Connector, Black & White Nylon Body	<b>2663</b>	L10-30P  L10-30R
Locking Flanged Inlet	<b>2665</b>	
Locking Flanged Outlet	<b>2666</b>	

### 30 AMP 3Ø 250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	<b>2670</b>	
Locking Plug, Black & White Nylon Body	<b>2671</b>	
Locking Connector, Black & White Nylon Body	<b>2673</b>	L11-30P  L11-30R
Locking Flanged Inlet	<b>2675</b>	
Locking Flanged Outlet	<b>2676</b>	

**Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page N27**

**Cord Clamp Range**—Black & White Plugs and Connectors: .385"–.860" #16–#8 AWG

### Wallplates and Covers

302 STAINLESS STEEL SINGLE RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER FOR 30A INLETS/OUTLETS AND 30A RECEPTACLES	WEATHER-RESISTANT THERMOPLASTIC COVER FOR RECEPTACLES
1.60" Dia. Opening	IP64 Rated—Includes Gasket and Screws	Self-Closing Lid—Includes Gasket and Screws
84020-40	WP2 for Inlets/Outlets 7420-CR for Receptacles	4980-GY

**For complete wallplate selection, see Section E.**

### SPECIFICATIONS AND FEATURES

#### Locking Flush Receptacles

- UL 94 V-O Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacles available today
- Extra-thick .050" nickel-plated brass mounting strap for high-abuse applications
- Designed for maximum durability: One-piece .040" brass, high copper-content contacts with nickel-plated clamp-type terminals
- Color-coded voltage rating on face for easy identification

#### Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals

- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life

#### Flanged Inlets and Outlets

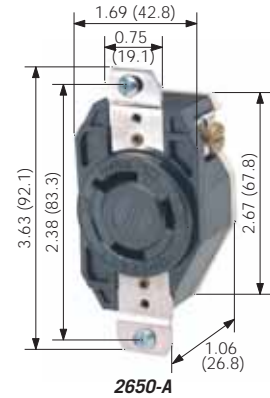
- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

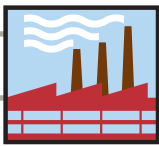
### TESTING AND CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

### MATERIAL CHARACTERISTICS

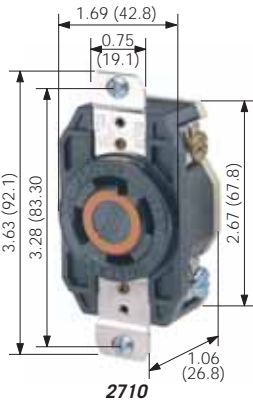
Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0  
Operating Temperature: -40°C to 60°C





# 30 AMP 3Ø 480V, 3Ø 600V, 3Ø 250V and 125/250V

## Industrial Grade Locking Devices



2710



2711



2713



2715

### 30 AMP 3Ø 480V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2680	
Locking Plug, Black & White Nylon Body	2681	
Locking Connector, Black & White Nylon Body	2683	
Locking Flanged Inlet	2685	
Locking Flanged Outlet	2686	

### 30 AMP 3Ø 600V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2690	
Locking Plug, Black & White Nylon Body	2691	
Locking Connector, Black & White Nylon Body	2693	
Locking Flanged Inlet	2695	
Locking Flanged Outlet	2696	

### 30 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2710	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2710-IG	
Locking Plug, Black & White Nylon Body	2711	
Locking Plug, Yellow Nylon Body	2711-CY	
Locking Connector, Black & White Nylon Body	2713	
Locking Connector, Yellow Nylon Body	2713-CY	
Locking Flanged Inlet	2715	
Locking Flanged Outlet	2716	

### 30 AMP 3Ø 250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2720	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2720-IG	
Locking Plug, Black & White Nylon Body	2721	
Locking Connector, Black & White Nylon Body	2723	
Locking Flanged Inlet	2725	
Locking Flanged Outlet	2726	

Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page N27

**Cord Clamp Range**—Black & White Plugs and Connectors 3-Wire: .385"–.860" #16–#8 AWG  
4-Wire: .595"–1.150" #14–#8 AWG

### Wallplates and Covers

302 STAINLESS STEEL SINGLE RECEPTACLE 1.60" Dia. Opening	WEATHER-RESISTANT FLIP LID COVER FOR 30A INLETS/OUTLETS AND 30A RECEPTACLES IP64 Rated—Includes Gasket and Screws	WEATHER-RESISTANT THERMOPLASTIC COVER FOR RECEPTACLES Self-Closing Lid—Includes Gasket and Screws
 84020-40	 WP2 for Inlets/Outlets	 7420-CR for Receptacles
		 4980-GY

For complete wallplate selection, see Section E.

### SPECIFICATIONS AND FEATURES

#### V-O-Max® Locking Flush Receptacles

- UL 94 V-O Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacles available today
- Extra-thick .050" nickel-plated brass mounting strap for high-abuse applications
- Designed for maximum durability: One-piece .040" brass, high copper-content contacts with nickel-plated clamp-type terminals
- Color-coded voltage rating on face for easy identification

#### Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals

- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life

#### Flanged Inlets and Outlets

- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

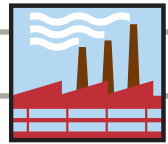
### TESTING AND CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

### MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0  
Operating Temperature: -40°C to 60°C

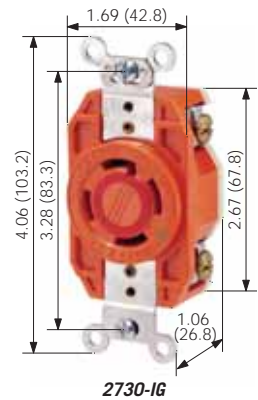




Industrial Grade Locking Devices

**30 AMP 3Ø 480V 3-Pole 4-Wire Grounding**

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2730	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2730-IG	
Locking Plug, Black & White Nylon Body	2731	L16-30P  L16-30R
Locking Connector, Black & White Nylon Body	2733	
Locking Flanged Inlet	2735	
Locking Flanged Outlet	2736	



**30 AMP 3Ø 600V 3-Pole 4-Wire Grounding**

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2740	
Single Flush Receptacle, Isolated Ground	2740-IG	
Locking Plug, Black & White Nylon Body	2741	L17-30P  L17-30R
Locking Connector, Black & White Nylon Body	2743	
Locking Flanged Inlet	2745	
Locking Flanged Outlet	2746	



**30 AMP 3ØY 120/208V 4-Pole 4-Wire Non-Grounding**

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2750	
Locking Plug, Black & White Nylon Body	2751	
Locking Connector, Black & White Nylon Body	2753	L18-30P  L18-30R
Locking Flanged Inlet	2755	
Locking Flanged Outlet	2756	



**30 AMP 3ØY 277/480V 4-Pole 4-Wire Non-Grounding**

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2760†	
Locking Plug, Black & White Nylon Body	2761	
Locking Connector, Black & White Nylon Body	2763	L19-30P  L19-30R
Locking Flanged Inlet	2765	
Locking Flanged Outlet	2766	



Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page N27

**Cord Clamp Range**—Black & White Plugs and Connectors: .595"–1.150" #14–#8 AWG

**Wallplates and Covers**

302 STAINLESS STEEL SINGLE RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER FOR 30A INLETS/OUTLETS AND 30A RECEPTACLES	WEATHER-RESISTANT THERMOPLASTIC COVER FOR RECEPTACLES
1.60" Dia. Opening	IP64 Rated—Includes Gasket and Screws	Self-Closing Lid—Includes Gasket and Screws
84020-40	WP2 for Inlets/Outlets 7420-CR for Receptacles	4980-GY

For complete wallplate selection, see Section E.

**SPECIFICATIONS AND FEATURES**

- V-O-Max® Locking Flush Receptacles**
- UL 94 V-O Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacles available today
  - Extra-thick .050" nickel-plated brass mounting strap for high-abuse applications
  - Designed for maximum durability: One-piece .040" brass, high copper-content contacts with nickel-plated clamp-type terminals
  - Color-coded voltage rating on face for easy identification
- Locking Plugs and Connectors**
- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals

- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
  - Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
  - One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life
- Flanged Inlets and Outlets**
- Rugged nylon flange fits flush and won't crack in high-abuse applications
  - Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
  - Wire clamps provide positive crimp lock without cutting wire strands

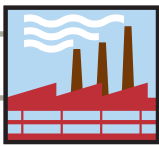
**TESTING AND CODE COMPLIANCE**

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

**MATERIAL CHARACTERISTICS**

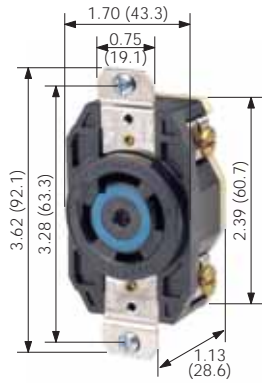
Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0  
Operating Temperature: -40°C to 60°C





# 30 AMP 3ØY 347/600V, 3ØY 120/208V and 3ØY 277/480V

## Industrial Grade Locking Devices



2810



2811



2813



2816

**Cord Clamp Range**—Black & White Plugs and Connectors: .595"–1.150" #14–#8 AWG

### 30 AMP 3ØY 347/600V 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2770	
Locking Plug, Black & White Nylon Body	2771	
Locking Connector, Black & White Nylon Body	2773	L20-30P  L20-30R
Locking Flanged Inlet	2775	
Locking Flanged Outlet	2776	

### 30 AMP 3ØY 120/208V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2810	
V-O-MAX® Single Flush Receptacle, Isolated Ground	2810-IG	
Locking Plug, Black & White Nylon Body	2811	
Locking Connector, Black & White Nylon Body	2813	L21-30P  L21-30R
Locking Flanged Inlet	2815	
Locking Flanged Outlet	2816	

### 30 AMP 3ØY 277/480V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2820	
Single Flush Receptacle, Isolated Ground	2820-IG	
Locking Plug, Black & White Nylon Body	2821	
Locking Connector, Black & White Nylon Body	2823	L22-30P  L22-30R
Locking Flanged Inlet	2825	
Locking Flanged Outlet	2826	

### 30 AMP 3ØY 347/600V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2830	
Single Flush Receptacle, Isolated Ground	2830-IG	
Locking Plug, Black & White Nylon Body	2831	
Locking Connector, Black & White Nylon Body	2833	L23-30P  L23-30R
Locking Flanged Inlet	2835	
Locking Flanged Outlet	2836	

*Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page N27*

### Wallplates and Covers

302 STAINLESS STEEL SINGLE RECEPTACLE 1.60" Dia. Opening	WEATHER-RESISTANT FLIP LID COVER FOR 30A INLETS/OUTLETS AND 30A RECEPTACLES IP64 Rated—Includes Gasket and Screws	WEATHER-RESISTANT THERMOPLASTIC COVER FOR RECEPTACLES Self-Closing Lid—Includes Gasket and Screws
84020-40	WP2 for Inlets/Outlets 7420-CR for Receptacles	4980-GY

*For complete wallplate selection, see Section E.*

### SPECIFICATIONS AND FEATURES

#### Locking Flush Receptacles

- UL 94 V-O Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacles available today
- Extra-thick .050" nickel-plated brass mounting strap for high-abuse applications
- Designed for maximum durability: One-piece .040" brass, high copper-content contacts with nickel-plated clamp-type terminals
- Color-coded voltage rating on face for easy identification

#### Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals

- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life

#### Flanged Inlets and Outlets

- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

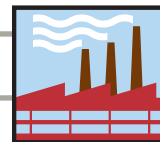
### TESTING AND CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

### MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0  
Operating Temperature: -40°C to 60°C

# 15 & 20 AMP 125V, 250V and 277V Industrial Grade Wetguard® Locking Devices



**Wetguard®** Wetguard® Devices Engineered to IP66 & IP67 Watertight Standards

## Wetguard Locking Plugs and Connectors

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
Yellow EPTR, 15A-125V 2-Pole, 3-Wire	<b>24W47</b> L5-15P	<b>25W47</b> L5-15R
Yellow EPTR, 15A-250V 2-Pole, 3-Wire	<b>24W49</b> L6-15P	<b>25W49</b> L6-15R
Yellow EPTR, 15A-277V 2-Pole, 3-Wire	<b>24W34</b> L7-15P	<b>25W34</b> L7-15R
Yellow EPTR, 20A-125V 2-Pole, 3-Wire	<b>26W47</b> L5-20P	<b>27W47</b> L5-20R
Black EPTR, 20A-125V 2-Pole, 3-Wire	<b>26W47-B</b> L5-20P	<b>27W47-B</b> L5-20R
Yellow EPTR, 20A-250V 2-Pole, 3-Wire	<b>26W48</b> L6-20P	<b>27W48</b> L6-20R
Yellow EPTR, 20A-277V 2-Pole, 3-Wire	<b>26W49</b> L7-20P	<b>27W49</b> L7-20R

## Replacement Closure Cap

DESCRIPTION	CAT. NO. YELLOW	CAT. NO. BLACK
Connector Cap for 15A devices	<b>50W50</b>	<b>50W50-B</b>
Connector Cap for 20A devices	<b>50W52</b>	<b>50W52-B</b>
Plug Cap for 15A devices	<b>14W</b>	<b>14W-B</b>
Plug Cap for 20A devices	<b>26W</b>	<b>26W-B</b>

**Cord Clamp Range**—Wetguard® Locking Plugs and Connectors  
15A: .375"–.655" #18–#10 AWG  
20A: .375"–.875" #18–#10 AWG



24W47



25W47



26W47

Locking Devices

### SPECIFICATIONS AND FEATURES

#### Wetguard

- IEC IP66 and IP 67 Rated, in accordance with IEC 529 as evaluated by UL and CSA
- NEMA Type 4, 4X, 6 and 6P Ratings in accordance with UL 50 and CSA 94
- EPTR rubber parts provide outstanding resistance to wet and damp environments, extreme temperature variations, acids, alkalis, grease, oils and solvents
- Interlocking "tongue and groove" construction seals out water, moisture, dirt when plugs are mated with connectors

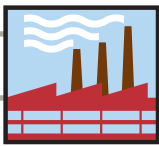
- Multi-point sealing system utilizes nut, strain relief washer and rubber bushing to form a watertight cord grip seal
- Non-magnetic stainless steel fast-threading assembly screws won't interfere with sensitive equipment
- Connector "hood" closure cap seals device when not in use

### TESTING AND CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: (File #13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 60°C



20 AMP 125/250V; 3Ø 250V, 480V, 3ØY 120/208V, 277/480V and 347/600V

## Industrial Grade Wetguard® Locking Devices



Wetguard® Devices Engineered to IP66 & IP67 Watertight Standards

### Wetguard Locking Plugs and Connectors

















26W81







27W81



26W81-B

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
Yellow EPTR, 20A-125/250V 3-Pole, 4-Wire	26W74 L14-20P 	27W74 L14-20R 
Yellow EPTR, 20A-3Ø 250V 3-Pole, 4-Wire	26W75 L15-20P 	27W75 L15-20R 
Yellow EPTR, 20A-3Ø 480V 3-Pole, 4-Wire	26W76 L16-20P 	27W76 L16-20R 
Yellow EPTR, 20A-3ØY 120/208V 4-Pole, 5-Wire	26W81 L21-20P 	27W81 L21-20R 
Black EPTR, 20A-3ØY 120/208V 4-Pole, 5-Wire	26W81-B L21-20P 	27W81-B L21-20R 
Yellow EPTR, 20A-3ØY 277/480V 4-Pole, 5-Wire	26W82 L22-20P 	27W82 L22-20R 
Yellow EPTR, 20A-3ØY 347/600V 4-Pole, 5-Wire	26W83 L23-20P 	27W83 L23-20R 

### Wetguard Non-NEMA, Non-Grounding Devices (Not UL Listed—For Replacement Use Only)

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
Yellow EPTR, 20A-125/250V 3-Pole, 3-Wire	26W08 NON-NEMA 	27W08 NON-NEMA 
Yellow EPTR, 20A-3ØY 120/208V 4-Pole, 4-Wire	26W09 NON-NEMA 	27W09 NON-NEMA 

### Replacement Closure Cap

DESCRIPTION	CAT. NO. YELLOW	CAT. NO. BLACK
Connector Cap for 20A devices	50W52	50W52-B
Plug Cap for 20A devices	26W	26W-B

**Cord Clamp Range**—Wetguard® 20A Locking Plugs and Connectors: .375"–.875" #18–#10 AWG

#### SPECIFICATIONS AND FEATURES

##### Wetguard

- IEC IP66 and IP 67 Rated, in accordance with IEC 529 as evaluated by UL and CSA
- NEMA Type 4, 4X, 6 and 6P Ratings in accordance with UL 50 and CSA 94
- EPTR rubber part provide outstanding resistance to wet and damp environments, extreme temperature variations, acids, alkalis, grease, oils and solvents
- Interlocking "tongue and groove" construction seals out water, moisture, dirt when plugs are mated with connectors
- Multi-point sealing system utilizes nut, strain relief washer and rubber bushing to form a watertight cord grip seal
- Non-magnetic stainless steel fast-threading assembly screws won't interfere with sensitive equipment
- Connector "hood" closure cap seals device when not in use

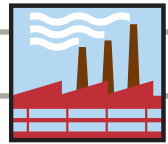
#### TESTING AND CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: (File #13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 60°C



























## Industrial Grade Wetguard® Locking Devices







Wetguard® Devices Engineered to IP66 & IP67 Watertight Standards

### Wetguard Locking Plugs and Connectors

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
Yellow EPTR, 30A-125V 2-Pole, 3-Wire	<b>28W47</b> L5-30P 	<b>29W47</b> L5-30R 
Black EPTR, 30A-125V 2-Pole, 3-Wire	<b>28W47-B</b> L5-30P 	<b>29W47-B</b> L5-30R 
Yellow EPTR, 30A-250V 2-Pole, 3-Wire	<b>28W48</b> L6-30P 	<b>29W48</b> L6-30R 
Yellow EPTR, 30A-277V 2-Pole, 3-Wire	<b>28W49</b> L7-30P 	<b>29W49</b> L7-30R 
Yellow EPTR, 30A-125/250V 3-Pole, 4-Wire	<b>28W74</b> L14-30P 	<b>29W74</b> L14-30R 
Yellow EPTR, 30A-3Ø 250V 3-Pole, 4-Wire	<b>28W75</b> L15-30P 	<b>29W75</b> L15-30R 
Yellow EPTR, 30A-3Ø 480V 3-Pole, 4-Wire	<b>28W76</b> L16-30P 	<b>29W76</b> L16-30R 
Yellow EPTR, 30A-3Ø 600V 3-Pole, 4-Wire	<b>28W77</b> L17-30P 	<b>29W77</b> L17-30R 
Yellow EPTR, 30A-3ØY 120/208V 4-Pole, 5-Wire	<b>28W81</b> L21-30P 	<b>29W81</b> L21-30R 
Yellow EPTR, 30A-3ØY 277/480V 4-Pole, 5-Wire	<b>28W82</b> L22-30P 	<b>29W82</b> L22-30R 
Yellow EPTR, 30A-3ØY 347/600V 4-Pole, 5-Wire	<b>28W83</b> L23-30P 	<b>29W83</b> L23-30R 

### Wetguard Non-NEMA, Non-Grounding Devices (Not UL Listed—For Replacement Use Only)

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
Yellow EPTR, 30A-125/250V 3-Pole, 3-Wire	<b>28W08</b> NON-NEMA 	<b>29W08</b> NON-NEMA 
Yellow EPTR, 30A-3ØY 120/208V 4-Pole, 4-Wire	<b>28W09</b> NON-NEMA 	<b>29W09</b> NON-NEMA 

### Replacement Closure Cap

DESCRIPTION	CAT. NO. YELLOW	CAT. NO. BLACK
Connector Cap for 30A devices	<b>50W54</b>	<b>50W54-B</b>
Plug Cap for 30A devices	<b>28W</b>	<b>28W-B</b>

**Cord Clamp Range**—Wetguard® 30A Locking Plugs and Connectors: .625"–1.125" #12–#8 AWG



Locking Devices

#### SPECIFICATIONS AND FEATURES

##### Wetguard

- IEC IP66 and IP 67 Rated, in accordance with IEC 529 as evaluated by UL and CSA
- NEMA Type 4, 4X, 6 and 6P Ratings in accordance with UL 50 and CSA 94
- EPTR rubber parts provide outstanding resistance to wet and damp environments, extreme temperature variations, acids, alkalis, grease, oils and solvents
- Interlocking "tongue and groove" construction seals out water, moisture, dirt when plugs are mated with connectors

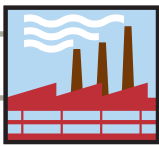
- Multi-point sealing system utilizes nut, strain relief washer and rubber bushing to form a watertight cord grip seal
- Non-magnetic stainless steel fast-threading assembly screws won't interfere with sensitive equipment
- Connector "hood" closure cap seals device when not in use

#### TESTING AND CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: (File #13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

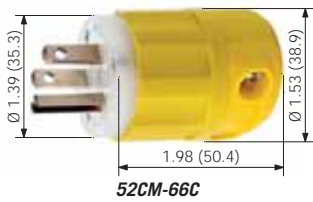
#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C to 60°C

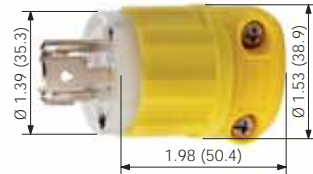


# 15 AMP 125V, 250V and 277V

## Industrial Grade Corrosion Resistant Devices



52CM-66C



47CM-20C



47CM-29C

**Cord Clamp Range**—15A St. Blade/Locking Plugs and Connectors: .240"–.700" #18–#10 AWG

### 15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Straight Blade Plug, Yellow Nylon Body and Cord Clamp	<b>52CM-66C</b>	5-15P
Straight Blade Connector, Yellow Nylon Body and Cord Clamp	<b>52CM-69C</b>	5-15R
Duplex Receptacle, Smooth Face. One-Piece Electroless Nickel-Plated Brass Strap	<b>52CM-62</b>	5-15R
Single Receptacle, Smooth Face, Yellow Nylon Body	<b>5261-CR</b>	5-15R
Locking Plug, Yellow Nylon Body and Cord Clamp	<b>47CM-20C</b>	L5-15P
Locking Connector, Yellow Nylon Body and Cord Clamp	<b>47CM-29C</b>	L5-15R
Single Locking Flush Receptacle	<b>47CM-10</b>	L5-15R

### 15 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Receptacle, Smooth Face, Yellow Nylon Body	<b>5661-CR</b>	6-15R
Locking Plug, Yellow Nylon Body and Cord Clamp	<b>45CM-70C</b>	L6-15P
Locking Connector, Yellow Nylon Body and Cord Clamp	<b>45CM-79C</b>	L6-15R
Single Locking Flush Receptacle†	<b>45CM-60</b>	L6-15R

### 15 AMP 277V AC 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Locking Flush Receptacle	<b>47CM-60</b>	L7-15R

*Weather-Resistant Boots for 15A Locking Plugs and Connectors are listed on page N27*

### Wallplates and Covers

302 STAINLESS STEEL FOR 15A/20A ST. BLADE/15A SINGLE LOCKING RECEPTACLE	302 STAINLESS STEEL FOR 15A/20A ST. BLADE DUPLEX RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER FOR 15A/20A ST. BLADE/15A LOCKING DEVICES
1.41" Dia. Opening		IP64 Rated—Includes Gasket and Screws
 84004-40	 84003-40	 WP1
WETGUARD COVER AND GASKET FOR 15A/20A ST. BLADE/15A LOCKING DEVICES	BLANK PLATE W/GASKET	FD BOX GLASS-FILLED POLYESTER (2 KO OPENINGS)
IP66 Rated		
 60W03 Yellow, 60W03-B Black	 WP459 Yellow	 482CR Yellow 1/2", 453CR Yellow 3/4", 454CR Yellow 1"

*For complete wallplate selection, see Section E.*

#### SPECIFICATIONS AND FEATURES

##### Plugs and Connectors

- All current-carrying metal parts (blades, contacts, terminals and screws) are electroless nickel-coated
- Captive, brass #8 terminal screws are color coded for easy wiring identification: green (ground), brass (hot) and silver (neutral)
- Super tough nylon plug and connector body is bright yellow for easy corrosion resistant identification
- Connector power contacts are heavy-duty, solid, one-piece brass, triple-wipe, set in deep pockets to resist rough use

- Heavy-duty, impact-resistant, super tough ST801 all-nylon body construction; fluted body design provides sure grip
- Wire clamp moves in individual chamber to provide positive crimp lock without cutting wire strands

#### TESTING AND CODE COMPLIANCE

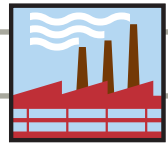
- Plugs and connectors pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion
- Designed to meet or exceed UL Fed Spec. Listing WC-596. UL Listed (File #E-13399 for Receptacles; File #E-13393 for Plugs and Connectors)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD1 & WD6 requirements
- NEMA configuration and rating molded on front
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL 94  
Operating Temperature: -40°C (without impact) to 60°C maximum continuous

# 20 AMP 125V, 250V, 277V, 125/250V and 3Ø 250V, 480V

## Industrial Grade Corrosion Resistant Devices



### 20 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Straight Blade Plug, Yellow Nylon Body and Cord Clamp	<b>53CM-66C</b>	5-20P
Straight Blade Connector, Yellow Nylon Body and Cord Clamp	<b>53CM-69C</b>	5-20R
Duplex Receptacle, smooth face. One Piece Electroless Nickel-Plated Brass Strap	<b>53CM-62</b>	5-20R
Single Receptacle, Smooth Face, Yellow Nylon Body	<b>5361-CR</b>	5-20R
Locking Plug, Yellow Nylon Body and Cord Clamp	<b>23CM-11</b>	L5-20P
Locking Connector, Yellow Nylon Body and Cord Clamp	<b>23CM-13</b>	L5-20R
V-O-MAX® Single Locking Flush Receptacle	<b>23CM-10</b>	L5-20P

### 20 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Receptacle, Smooth Face, Yellow Nylon Body	<b>5461-CR</b>	6-20R
V-O-MAX® Single Locking Flush Receptacle	<b>23CM-20</b>	L6-20R

### 20 AMP 277V AC 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Locking Flush Receptacle	<b>23CM-30</b>	L7-20R

### 20 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Locking Flush Receptacle	<b>24CM-10</b>	L14-20R

### 20 AMP 3Ø 250V 3-Pole 4-Wire Grounding

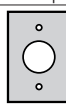
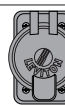




DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Locking Flush Receptacle	<b>24CM-20</b>	L15-20R

### 20 AMP 3Ø 480V 3-Pole 4-Wire Grounding

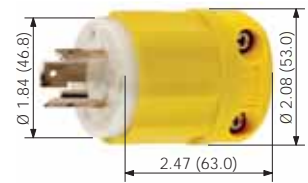
DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Locking Flush Receptacle	<b>24CM-30</b>	L16-20R

Weather-Resistant Boots for 20A Locking Plugs and Connectors are listed on page N27

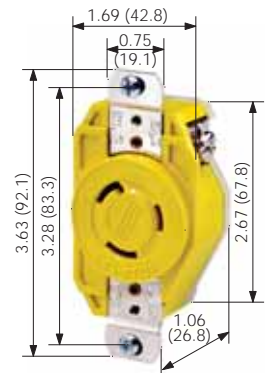
### Wallplates and Covers

302 STAINLESS STEEL 20A SINGLE LOCKING RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER 20A SINGLE LOCKING RECEPTACLE	WETGUARD COVER AND GASKET 20A SINGLE LOCKING RECEPTACLE
1.60" Dia. Opening	IP64 Rated—Includes Gasket and Screws	IP66 Rated
 84020-40	 WP2	 7420-CR
		 60W04 Yellow, 60W04-B Black
<b>BLANK PLATE W/GASKET</b>		<b>FD BOX GLASS-FILLED POLYESTER (2 KO OPENINGS)</b>
 WP459 Yellow		 482CR Yellow 1/2", 453CR Yellow 3/4", 454CR Yellow 1"

For complete wallplate selection, see Section E.



23CM-11



23CM-10

#### Cord Clamp Range—

20A St. Blade/3-Wire Locking Plugs and Connectors: .240"–.700" #18–#10 AWG  
20A 4-Wire Locking Plugs and Connectors: .595"–.895" #14–#10 AWG

#### SPECIFICATIONS AND FEATURES

##### Plugs and Connectors

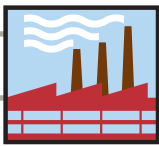
- All current-carrying metal parts (blades, contacts, terminals and screws) are electroless nickel-coated
- Captive, brass #8 terminal screws are color coded for easy wiring identification: green (ground), brass (hot) and silver (neutral)
- Super tough nylon plug and connector body is bright yellow for easy corrosion resistant identification
- Connector power contacts are heavy-duty, solid, one-piece brass, triple-wipe, set in deep pockets to resist rough use
- Heavy-duty, impact-resistant, all-nylon body construction; fluted body design provides sure grip
- Wire clamp moves in individual chamber to provide positive crimp lock without cutting wire strands

#### TESTING AND CODE COMPLIANCE

- Plugs and connectors pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion
- Designed to meet or exceed UL Fed Spec. Listing WC-596. UL Listed (File #E-13399 for Receptacles; File #E-13393 for Plugs and Connectors)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD1 & WD6 requirements
- NEMA configuration and rating molded on front
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

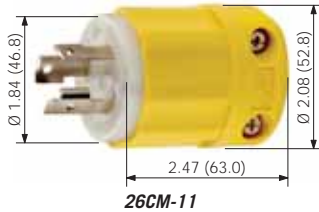
Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0  
Operating Temperature: -40°C (without impact) to 60°C maximum continuous



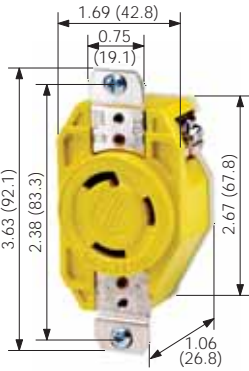
# 30 AMP 125V, 250V, 125/250V and 3Ø 250V

## Industrial Grade Corrosion Resistant Devices

Corrosion Resistant Devices



26CM-11



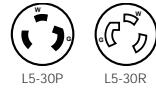
26CM-10



SS303

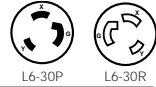
### 30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Locking Plug, Yellow Nylon Body and Cord Clamp	26CM-11	L5-30P
Locking Connector, Yellow Nylon Body and Cord Clamp	26CM-13	L5-30R
V-O-MAX® Single Locking Flush Receptacle	26CM-10	L5-30R
Power Inlet, 316 Stainless Steel with Threaded Cap	SS303	L5-30R



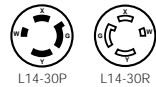
### 30 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Locking Plug, Yellow Nylon Body and Cord Clamp	26CM-21	L6-30P
Locking Connector, Yellow Nylon Body and Cord Clamp	26CM-23	L6-30R
Single Locking Flush Receptacle	26CM-20	L6-30R



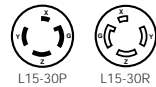
### 30 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Locking Flush Receptacle	27CM-10	L14-30R



### 30 AMP 3Ø 250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Locking Flush Receptacle	27CM-20	L15-30R



**Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page N27**

**Cord Clamp Range**—30A 3-Wire Locking Plugs and Connectors: .385"–.860" #16–#8 AWG  
30A 4-Wire Locking Plugs and Connectors: .595"–1.150" #14–#8 AWG

### Wallplates and Covers

302 STAINLESS STEEL 30A SINGLE LOCKING RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER 30A SINGLE LOCKING RECEPTACLE	WETGUARD COVER AND GASKET 30A SINGLE LOCKING RECEPTACLE
1.60" Dia. Opening	IP64 Rated—Includes Gasket and Screws	IP66 Rated
 84020-40	 WP2	 7420-CR
<b>BLANK PLATE W/GASKET</b>	<b>FD BOX GLASS-FILLED POLYESTER (2 KO OPENINGS)</b>	
 WP459 Yellow	 482CR Yellow 1/2", 453CR Yellow 3/4", 454CR Yellow 1"	

**For complete wallplate selection, see Section E.**

### SPECIFICATIONS AND FEATURES

#### Plugs and Connectors

- All current-carrying metal parts (blades, contacts, terminals and screws) are electroless nickel-coated
- Captive, brass #8 terminal screws are color coded for easy wiring identification: green (ground), brass (hot) and silver (neutral)
- Nylon plug and connector body is bright yellow for easy corrosion resistant identification

- Connector power contacts are heavy-duty, solid, one-piece brass, triple-wipe, set in deep pockets to resist rough use
- Heavy-duty, impact-resistant, all-nylon body construction: fluted body design provides sure grip
- Wire clamp moves in individual chamber to provide positive crimp lock without cutting wire strands

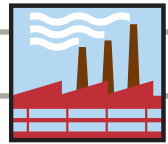
### TESTING AND CODE COMPLIANCE

- Plugs and connectors pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion
- Designed to meet or exceed UL Fed Spec. Listing WC-596. UL Listed (File #E-13399 for Receptacles; File #E-13393 for Plugs and Connectors)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD1 & WD6 requirements
- NEMA configuration and rating molded on front
- Backed by a Limited 10-Year Warranty

### MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0  
Operating Temperature: -40°C (without impact) to 60°C maximum continuous





Industrial Grade Corrosion Resistant Devices

**50 AMP 125V 2-Pole 3-Wire Grounding Non-NEMA**

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Locking Plug, Yellow Nylon Body and Cord Clamp	<b>6361-CR</b>	
Locking Connector, Yellow Nylon Body and Cord Clamp	<b>6360-CR</b>	
Single Locking Flush Receptacle	<b>6370-CR</b>	
Power Inlet, 316 Stainless Steel w/Threaded Cap	<b>6372-CR</b>	



**50 AMP 125/250V 3-Pole 4-Wire Grounding Non-NEMA**

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Locking Plug, Yellow Nylon Body and Cord Clamp	<b>6365-CR</b>	
Locking Connector, Yellow Nylon Body and Cord Clamp	<b>6364-CR</b>	
Single Locking Flush Receptacle	<b>6369-CR</b>	
Power Inlet, 316 Stainless Steel w/Threaded Cap	<b>6374-CR</b>	



6364-CR

**Boots and Covers for 50 AMP Corrosion Resistant Devices**

DESCRIPTION	CAT. NO.
50A Locking Plug Boot, High Visibility Yellow	<b>7717-CR</b>
50A Locking Connector Boot, High Visibility Yellow	<b>7715-CR</b>
Sealing Collar for 7715-CR & 7717-CR	<b>510-R</b>
Weather-Resistant Receptacle Flip Lid Cover, IP64 rated, Yellow Lexan	<b>7788-CR</b>



7788-CR

**Cord Clamp Range**—50A CR Locking Plugs and Connectors: .680"–1.125" #10–#4 AWG

**SPECIFICATIONS AND FEATURES**

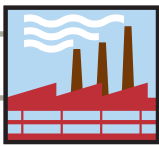
- All current-carrying metal parts (blades, contacts, terminals and screws) are electroless nickel-coated
- Color coded wire entrance holes for simple and easy wiring
- Beveled rear housing prevents cord from getting caught on stairs, equipment, etc.
- Nylon plug and connector body are bright yellow for easy corrosion resistant identification
- Ribbed nylon housing for excellent impact resistance and secure gripping
- Neoprene gasket helps keep dirt and dust from entering termination area
- Stainless steel cord clamp opens wide for direct terminal access; added strip length for easy wire insertion into terminals
- Interior cord clamp opens wide to allow easy insertion of wires into terminals
- Longer contacts inside connector assure stronger, tighter fitting contact points

**TESTING AND CODE COMPLIANCE**

- Receptacles**
- UL Listed (File #E-111198)
- Plugs & Connectors**
- UL Listed (File #E-57672)

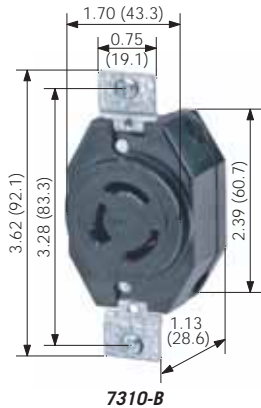
**MATERIAL CHARACTERISTICS**

Operating Temperature: 125°C continuous (plugs and connectors)  
130°C continuous (receptacles)



# 15 AMP 125V/10A-250; 20 AMP 250V, 125/250V and 3ØY 120/208V

## Industrial Grade Non-NEMA Locking Devices



7310-B



7314-C



9965-C

**Cord Clamp Range**  
**Non-NEMA Locking Plugs and Connectors—**  
 15A: .240"–.700" #18–#10 AWG  
 20A 3-Wire: .385"–.780" #16–#10 AWG  
 20A 4- & 5-Wire: .595"–.895" #14–#10 AWG

### 15 AMP 125V/10A-250 3-Pole 3-Wire Non-Grounding Non-NEMA†

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Flush Receptacle	7582	
Locking Plug	7567-C*	
Locking Connector†	7565-C*	NON-NEMA  NON-NEMA 
Locking Flanged Inlet	7556	
Locking Flanged Outlet	7557	

†These devices are no longer UL Listed and are for replacement use only. Add (-G) for grounding version.

\*Grounding (-G) version not available. For grounding connector, use Cat. No. 7555-G

\*\*Uses stainless steel wallplate, Cat. No. 84004-40.

### 20 AMP 250V AC/DC / 10 AMP 600V AC 4-Pole 5-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Flush Receptacle	3520	
Locking Plug, Black Nylon Body	3521-C	
Locking Connector, Black Nylon Body	3523-C	NON-NEMA  NON-NEMA 
Locking Flanged Inlet	3524-C	
Locking Flanged Outlet	3525-C	

### 20 AMP, 125V/250V 3-Pole 3-Wire Non-Grounding Non-NEMA††

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Flush Receptacle	7310-B	
Locking Plug	9965-C	
Locking Connector	7314-C	NON-NEMA  NON-NEMA 
Locking Flanged Inlet	3325-C	
Locking Flanged Outlet	3326-C	





### 20 AMP 3ØY 120V/208V 4-Pole 4-Wire Non-Grounding Non-NEMA††

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Flush Receptacle	7410-B	
Locking Plug	7411-C	NON-NEMA 
Locking Connector	7413-C	
Locking Flanged Inlet	7408-C	
Locking Flanged Outlet	7409-C	NON-NEMA 

††Effective July 1, 1981, rating for non-grounding versions was changed from 20A-250V AC/DC, 10A-600V AC to comply with UL requirements. Add (-G) for grounding devices: (-G) devices are rated 20A-250V AC/DC, 10A-600V AC and are no longer UL Listed — for replacement use only.

**Weather-Resistant Boots for 15A and 20A Locking Plugs and Connectors are listed on page N27**

### Wallplates and Covers

302 STAINLESS STEEL 15A SINGLE RECEPTACLE	302 STAINLESS STEEL 20A SINGLE RECEPTACLE	WEATHER-RESISTANT FLIP LID COVER FOR 20A INLETS/OUTLETS AND 20A RECEPTACLES
1.41" Dia. Opening	1.60" Dia. Opening	IP64 Rated—Includes Gasket and Screws
		 
84004-40	84020-40	WP2 for Inlets/Outlets 7420-CR for Receptacles

For complete wallplate selection, see Section E.

### SPECIFICATIONS AND FEATURES

#### Locking Flush Receptacles

- Rugged nylon body and cover for outstanding resistance to impact and harsh chemicals
- Double-wipe phosphor-bronze power contacts

#### Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals
- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life

#### Flanged Inlets and Outlets

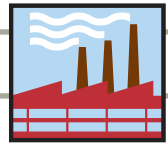
- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

### TESTING AND CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- Most non-NEMA locking devices are not UL Listed and are intended for replacement use only. Consult your Leviton representative for more information on UL Listing for Non-NEMA devices
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

### MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94  
 Operating Temperature: -40°C to 60°C



Industrial Grade Non-NEMA Locking Devices

30 AMP 125V/250 3-Pole 3-Wire Non-Grounding Non-NEMA†

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Flush Receptacle	3330	
Locking Plug	3331-C	
Locking Connector	3333-C	
Locking Flanged Inlet	3334-C	
Locking Flanged Outlet	3335-C	

†Effective July 1, 1981, rating for non-grounding versions was changed from 30A-250V to comply with UL requirements. Add (-G) for grounding devices: (-G) devices are rated 30A-250V and are no longer UL Listed — for replacement use only.

30 AMP 3ØY 120V/208V 4-Pole 4-Wire Non-Grounding Non-NEMA††

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Flush Receptacle	3430	
Locking Plug	3431-C	
Locking Connector	3433-C	
Locking Flanged Inlet	3434-C	
Locking Flanged Outlet	3435-C	

††Effective July 1, 1981, rating for non-grounding versions was changed from 30A-250V AC/DC, 30A-600V AC to comply with UL requirements. Add (-G) for grounding devices: (-G) devices are rated 30A-250V AC/DC, 30A-600V AC and are no longer UL Listed—for replacement use only.

50 AMP 250V DC/600V AC 2-Pole 3-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	3771	
Locking Plug	3763-C	
Locking Connector	3762-C	
Locking Flanged Inlet	3777	

50 AMP 250V DC/600V AC 3-Pole 4-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	7379	
Locking Plug	7765-C	
Locking Connector	7764-C	

50 AMP 250V DC/600V AC 3-Pole 4-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	3769	
Locking Plug	3765-C	
Locking Connector	3764-C	
Locking Flanged Inlet	3775	

Weather Resistant Boots for 30A Locking Plugs and Connectors are listed on page N27.  
Weather Resistant Boots for 50A Locking Plugs and Connectors are listed on page N23.

Wallplates and Covers

WEATHER-RESISTANT FLIP LID COVER FOR 30A INLETS AND OUTLETS AND 30A RECEPTACLES	WEATHER-RESISTANT FLIP LID COVER FOR 50A RECEPTACLES
IP64 Rated—Includes Gasket and Screws	IP64 Rated—Includes Gasket and Screws
 WP2 for Inlets/Outlets	 7788-CR Yellow Lexan
 7420-CR for Receptacles	 7770-CR Gray Metal

For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

30A Locking Flush Receptacles

- Rugged nylon body and cover for outstanding resistance to impact and harsh chemicals
- Double-wipe phosphor-bronze power contacts

30A Locking Plugs and Connectors

- Supertough ST801 Nylon body resists damage from severe impact, abrasion and chemicals
- Ergonomic, fluted body design with radial grip ridge is ideal for gripping, turning and pulling
- Cord clamp does not have to be disassembled from body for wiring—accepts all wire mesh strain reliefs
- One-piece, rivetless .035" thick brass connector contacts and solid brass plug blades provide maximum conductivity and long service life

30A Flanged Inlets and Outlets

- Rugged nylon flange fits flush and won't crack in high-abuse applications

- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

50A Locking Plugs and Connectors

- Ribbed nylon housing for excellent impact resistance and secure gripping
- Stainless steel cord clamp opens wide for direct terminal access
- Neoprene gasket helps keep dirt and dust from entering termination area

50A Locking Receptacles and Flanged Inlets

- Heavy-duty Nylon construction for excellent impact and chemical resistance
- Clamp-type wire terminals

TESTING AND CODE COMPLIANCE

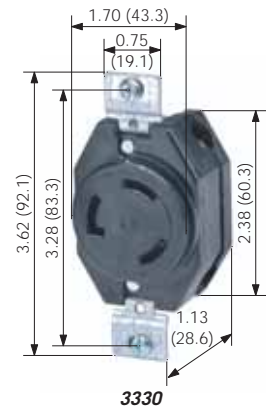
- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- Most non-NEMA locking devices are not UL Listed and are intended for replacement use only. Consult your Leviton representative for more information on UL Listing for Non-NEMA devices

50A Devices

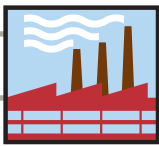
- UL Fed Spec Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-81290)

MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94  
Operating Temperature: -40°C to 60°C

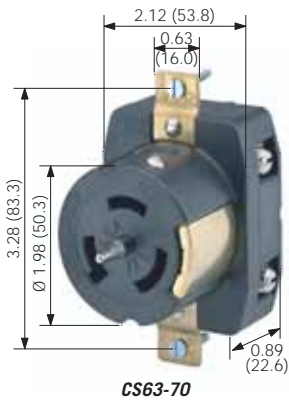


**Cord Clamp Range**  
Non-NEMA Locking Plugs and Connectors  
30A 3-Wire: .385"–.860" #16–#8 AWG  
30A 4-Wire: .595"–1.150" #14–#10 AWG  
50A 4-Wire: .680"–1.125" #10–#4 AWG



# 50 AMP 125V, 250V, 125/250V, 480V and 3Ø 480V

## Industrial Grade “California Style” CS Non-NEMA Locking Devices



CS63-70



CS63-60



CS63-77

### SPECIFICATIONS AND FEATURES

#### 50A CS Locking Plugs and Connectors

- Ribbed nylon housing for excellent impact resistance and secure gripping
- Stainless steel cord clamp opens wide for direct terminal access; added strip length for easy wire insertion into terminals
- Color-coded wire entrance holes for simple, easy wiring
- Neoprene gasket helps keep dirt and dust from entering termination area

#### 50A CS Locking Receptacles and Flanged Inlets

- Heavy-duty nylon construction for excellent impact and chemical resistance
- Clamp-type wire terminals

### TESTING AND CODE COMPLIANCE

- UL Fed Spec Listed WC-596 Plugs, Connectors and Flanged Inlets (File #E-13393) Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-81290)

### MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94  
 Operating Temperature: -40°C to 60°C

### 50 AMP 125V 2-Pole 3-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS63-70	 NON-NEMA
Locking Plug	CS63-61C	
Locking Connector	CS63-60C	
Locking Flanged Inlet	CS63-77	

### 50 AMP 250V 2-Pole 3-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS82-69	 NON-NEMA
Locking Plug	CS82-65C	
Locking Connector	CS82-64C	
Locking Flanged Inlet	CS82-75	

### 50 AMP 125/250V 3-Pole 4-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS63-69	 NON-NEMA
Locking Plug	CS63-65C	
Locking Connector	CS63-64C	
Locking Flanged Inlet	CS63-75	

### 50 AMP 3Ø 250V AC 3-Pole 4-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS83-69	 NON-NEMA
Locking Plug	CS83-65C	
Locking Connector	CS83-64C	
Locking Flanged Inlet	CS83-75	

### 50 AMP 480V 2-Pole 3-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS84-69	 NON-NEMA
Locking Plug	CS84-65C	
Locking Connector	CS84-64C	
Locking Flanged Inlet	CS84-75	

### 50 AMP 3Ø 480V AC 3-Pole 4-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS81-69	 NON-NEMA
Locking Plug	CS81-65C	
Locking Connector	CS81-64C	
Locking Flanged Inlet	CS81-75	

*Weather Resistant Boots for 50A Locking Plugs and Connectors are listed on page N23*

**Cord Clamp Range**—50A CS Locking Plugs and Connectors: .680"–1.125" #10–#4 AWG

### Wallplates and Covers

#### WEATHER-RESISTANT FLIP LID COVER FOR 50A RECEPTACLES

IP64 Rated—Includes Gasket and Screws



7788-CR Yellow Lexan



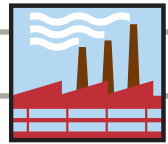
7770-CR Gray Metal

*For complete wallplate selection, see Section E.*



# WEATHER-RESISTANT BOOTS

## Industrial Grade Locking Devices



### Locking Plug and Connector Boots—Thermoplastic Elastomer Construction

#### Boots for 15 AMP Industrial Locking Plugs and Connectors

DESCRIPTION	CAT. NO.
Locking Plug Boot, Black	6017-L
Locking Plug Boot, High-Visibility Yellow	6017-LY
Locking Connector Boot, Black	6018-L
Locking Connector Boot, High Visibility Yellow	6018-LY



6017-LY

#### Boots for 3-Wire 20 AMP & 30 AMP Industrial Locking Plugs and Connectors

DESCRIPTION	CAT. NO.
3-wire Locking Plug Boot, Black	6031
3-wire Locking Plug Boot, High Visibility Yellow	6031-Y
3-wire Locking Connector Boot, Black	6032
3-wire Locking Connector Boot, High Visibility Yellow	6032-Y



6032

#### Boots for 4 and 5-Wire 20 AMP & 30 AMP Industrial Locking Plugs and Connectors

DESCRIPTION	CAT. NO.
4 & 5-wire Locking Plug Boot, black	6033
4 & 5-wire Locking Plug Boot, High Visibility Yellow	6033-Y
4 & 5-wire Locking Connector Boot, black	6034
4 & 5-wire Locking Connector Boot, High Visibility Yellow	6034-Y



6033



6034

#### SPECIFICATIONS AND FEATURES

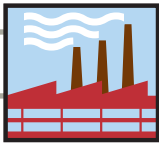
- Feature a triple seal action to protect straight blade and locking plugs and connectors against dirt and moisture in harsh applications
- Plug and connector boots available in black and high-visibility yellow
- Fluted surface and grip-ring design provide a non-slip grip even in wet conditions

#### WARRANTY

- Backed by a Limited Lifetime Warranty

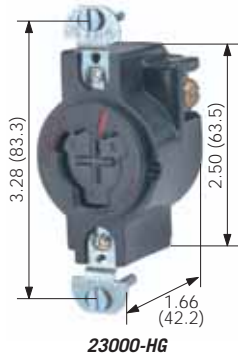
#### MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated HB  
Operating Temperature: -40°C to 90°C




## 20 AMP 125V and 30A-600VAC / 20 AMP-250V DC

### Industrial Grade Locking Power Interrupting Devices—Non-NEMA

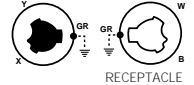


#### 20 AMP 125V 2-Pole 3-Wire Grounding

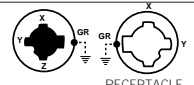
DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Flush Receptacle with a Thermoset body	23000-HG*	
Locking Connector	23001-HG*	
Locking Plug	23004-HG*	

\*UL listed for "HOSPITAL USE ONLY" applications in non-hazardous locations


#### 20 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Flush Receptacle	23030	
Locking Connector	23031-A	
Locking Plug	23034-A	

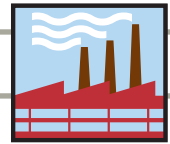
#### 30A-600VAC / 20AMP – 250V DC 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Flush Receptacle	20403	
Locking Connector	21414-B	
Locking Plug	21415-B	

#### 30A-600VAC / 20AMP – 250V DC 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Receptacle with Fiberglass Reinforced Nylon Interior with Cast Iron and Steel Shell. Fits FS or FD boxes	25403	
Locking Connector	25414-B	
Locking Plug	25415-B	

For complete wallplate selection, see Section E.



**15 AMP 125V 2-Pole 2-Wire Non-Grounding**

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Midget Locking Plug	ML1-P	<p>NEMA ML1</p>
Angle Plug	ML1-AP	
Midget Locking Connector	ML1-C	
Angle Connector	ML1-AC	
Plastic Midget Locking Flanged Inlet	ML1-PB	
Plastic Midget Locking Flanged Outlet	ML1-PER	



ML1-P

**15 AMP 125V 2-Pole 3-Wire Grounding**

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Midget Locking Plug	ML2-P	<p>NEMA ML2</p>
Angle Plug	ML2-AP	
Midget Locking Connector	ML2-C	
Angle Connector	ML2-AC	
Plastic Midget Locking Flanged Inlet	ML2-PB	
Plastic Midget Locking Flanged Outlet	ML2-PER	



ML1-AP

**15 AMP 125/250V 3-Pole 3-Wire Non-Grounding**

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Midget Locking Plug	ML3-P	<p>NEMA ML3</p>
Angle Plug	ML3-AP	
Midget Locking Connector	ML3-C	
Angle Connector	ML3-AC	
Plastic Midget Locking Flanged Inlet	ML3-PB	
Plastic Midget Locking Flanged Outlet	ML3-PER	

**Straight Blade 15 AMP 125V 2-Pole 2-Wire Non-Grounding**

DESCRIPTION	CAT. NO. PLUG	CAT. NO. ANGLE PLUG	NEMA CONFIG.
Midget Straight Blade Plug Black & White Nylon	MS2-P	MS2-AP	<p>NEMA MS2-P</p>

Cord Clamp Range Midget Locking/St. Blade Plugs and Connectors— .218"-.430" #18-#14 AWG

**SPECIFICATIONS AND FEATURES**

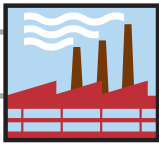
- Offer a smaller form factor for limited-space applications
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

**TESTING AND CODE COMPLIANCE**

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File No. LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

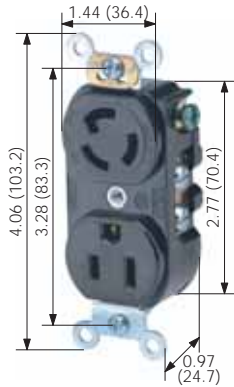
**MATERIAL CHARACTERISTICS**

Environmental: Flammability Rated V2 per UL94  
 Operating Temperature: -40°C to 60°C



# COMBINATION LOCKING & STRAIGHT BLADE • INTEGRATED INLETS & OUTLETS

## Industrial Grade Locking Devices



4792

### Combination Locking and Straight Blade Duplex Receptacle

15 AMP 125V 2-Pole 3-Wire Grounding Back and Side Wired

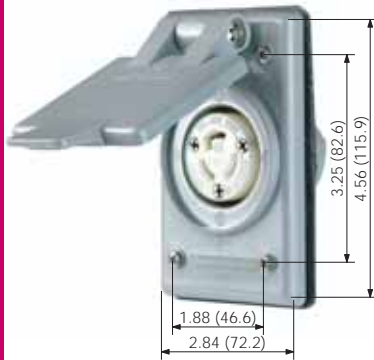
DESCRIPTION	CAT. NO.	NEMA CONFIG.
Duplex Combination Locking & Straight Blade Receptacle with Common Feed	4792	L5-15R
Duplex Combination Locking & Straight Blade Receptacle with 2 Hot Feeds, 1 Neutral Return	4794-1R	
Duplex Combination Locking & Straight Blade Receptacle with Split Feed — 2 Hot Feeds, 2 Neutral Returns	4795-2R	

### Integrated Power Inlets and Outlets with Weather-Resistant Covers

- Engineered to IP 64 and NEMA 3R Protection Ratings
- Suitable for Industrial Indoor and Outdoor Use

Integrated Power Inlets and Outlets with Weather-Resistant Covers

Gray, Glass-Filled Thermoplastic Cover and White, Nylon Device



4715-FWP

DESCRIPTION	CAT. NO. FLANGED INLET	CAT. NO. FLANGED OUTLET
Standard Wire Wells, 15A-125V 2-Pole, 3-Wire	4716-CWP  NEMA L5-15P	4715-CWP  NEMA L5-15R
Slots for Fork Terminals, 15A-125V 2-Pole, 3-Wire	4716-FWP  NEMA L5-15P	4715-FWP  NEMA L5-15R
Standard Wire Wells, 15A-250V 2-Pole, 3-Wire	4586-CWP  NEMA L6-15P	4585-CWP  NEMA L6-15R

Note: For straight blade configurations, please see page M7.

### Wallplates

302 STAINLESS STEEL  
DUPLEX RECEPTACLE

THERMOPLASTIC  
DUPLEX RECEPTACLE

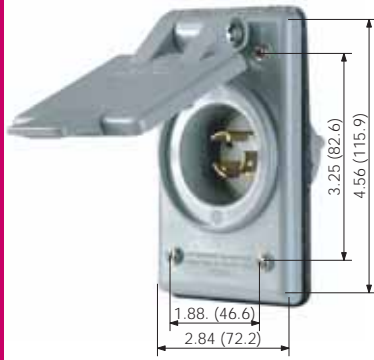


84003-40



80703-E

For complete wallplate selection, see Section E.



4716-FWP

#### SPECIFICATIONS AND FEATURES

##### Combination Devices

- Impact-resistant black thermoplastic nylon face and body
- Smooth face does not collect dirt
- Large, triple-wipe brass "T" contacts for superior contact and conductivity
- Triple-combination terminal screws
- Back and side wire options accept #10-#14 AWG stranded or solid wire

##### Integrated Devices

- Glass-filled thermoplastic cover and plate provide outstanding impact resistance and durability
- Dual gaskets, one under plate and one under lid, for weather-resistant fit
- Stainless steel external hardware resists corrosive effects of moisture
- Large thumb-tab makes it easy to open cover with gloved hand
- Mounts to panels or FS/FD boxes
- UL Listed and CSA Certified for wet locations with cover closed

#### TESTING AND CODE COMPLIANCE

##### Combination Devices

- UL Listed (File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

##### Integrated Devices

- UL Listed (File #E-13397)
- CSA Certified (File #LR-16347)
- NOM Certified (#057)
- IP 64 Suitability Rating (protected against dust and splashing water)
- NEMA Type 3R Enclosure Rating when properly installed (protected against rain, sleet and damage from external ice formations)
- Backed by a Limited 2-Year Warranty

#### MATERIAL CHARACTERISTICS

##### Combination Devices

Environmental: Flammability, Rated V2  
Operating Temperature: -40°C (without impact) to 60°C maximum continuous

##### Integrated Devices

Environmental: VO Flammability Rating per UL 94  
Operating Temperature: -40°C to 60°C



# Pin & Sleeve Devices

Series 309-1 and 309-2 IEC Configuration

## INDEX

### North American Watertight Pin & Sleeve Devices

Overview	02, 03
20 & 30 Amp Devices	04
60 & 100 Amp Devices	05
Dimensions	06, 07
Specifications	08, 09

### PowerSwitch® by Leviton

#### North American Watertight Mechanical Interlocks

Overview	010, 011
20 & 30 Amp Devices	012
60 & 100 Amp Devices	013
Dimensions	014
Specifications	015

#### International-Rated Pin & Sleeve Devices

16, 32, 63 & 125 Amp Devices	016
Specifications	017
Dimensions	018-020

#### Pin & Sleeve Products

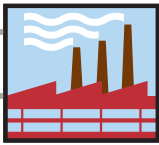
Back Boxes	021
Accessories	022
Making the Right Connection:	
Color Code and Clock Position	023
Leviton Catalog Numbering System	023

### PowerSwitch® by Leviton

#### Watertight Safety Disconnect Switches

Overview	024
30, 60 & 100 Amp Devices	0254
Specifications	026
Dimensions	027, 028
Accessories	028





## PIN & SLEEVE DEVICE FEATURES

### Industrial Grade North American Watertight Pin & Sleeve Devices IEC 309-1 & 309-2

#### The Watertight Line: North American-Rated Devices

*Superior Connection...Superior Protection*

#### Features and Benefits

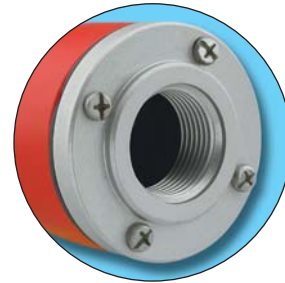
- Rugged housing, made of superior performance Valox 357, provides maximum corrosion protection and makes the device resistant to impact and abuse; greater resistance to temperature extremes, V-0 flame rated and superior UV stability.
- Contact carrier resists arcing and internal heat build-up; 60 and 100 amp contact/pin carriers are made of reinforced nylon for even greater strength and temperature resistance.
- Solid brass terminal screws on 20A,30A & 60A devices provide maximum clamping pressure.
- Stainless steel terminal screws and terminals on 100A devices provide corrosion resistance in caustic environments.
- Dependable, clean brass construction for long life, reliable electrical contact, maximum conductivity, and corrosion resistance.
- Watertight Chloroprene onion skin grommet provides a precise, reliable seal at the cable entry point.
- Ground, neutral and phase terminals are clearly identified by color coding or letters and numbering on both front & back side.
- Multiple contact points assure a continuously reliable electrical connection.

#### UL Rated for both 50 and 60 Hz Applications.

2 YEAR LIMITED  
WARRANTY



Engineered to IP67  
Watertight Standards  
North American Rated Devices  
20, 30, 60 & 100 Amp



Accepts liquid-tight conduit with adapter accessory—See page O21

Clean Brass Pins

Reinforced Nylon Contact Carrier

Terminal Screws  
Stainless Steel (100A)  
Solid Brass (20-60A)

Heavy-Duty  
Valox 357 Exterior  
Cord Clamp

5100P7W

Super-Durable  
Valox 357 Housing

Watertight Chloroprene  
Onion Skin Grommet

5100C7W

Front Terminals,  
Raised Lettering,  
Identification

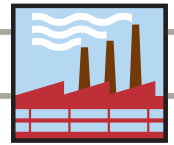
Rear Terminals, Raised  
Lettering, Identification

Calibrated, Self-Adjusting  
Contacts

Valox® is a registered trademark of GE.







## Industrial Grade North American Watertight Pin & Sleeve Devices



### Super Tough Housing

- Provides maximum protection from abuse and environment
- Heavy-wall molding of Valox 357 resists impact, heat, flame and chemicals
- Superior performance in low-to-high ambient temperature extremes (-40°C to 60°C)
- Excellent UV stability for superior outdoor performance (UL1682)
- V-0 flammability rating
- Fully insulated
- Color-coded by voltage for easy identification



### Pin & Contact Carrier 60 & 100 Amp

- Protects pins & contacts, holding them firmly in place
- Pin Carrier and Contact Carrier constructed of glass fiber reinforced nylon for maximum impact resistance and maximum protection of pins and contacts
- Superior arc-tracking resistance
- Excellent heat-resistance and flame-resistance
- Chamfered wire entry makes wiring easier



### External Cord Clamp

- Protects terminals from strain
- Accommodates a wide variety of cord sizes
- Excellent impact strength
- Excellent UV stability for superior outdoor performance (UL1682)
- V-0 flammability rating



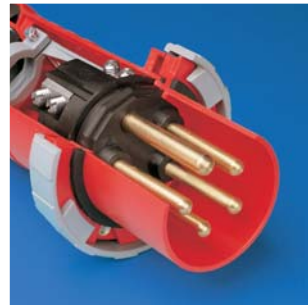
### Pin & Contact Carrier 20 & 30 Amp

- Pin Carrier and Contact Carrier constructed of nylon for maximum impact resistance and maximum protection of pins and contacts
- Terminal screws are aligned on a single plane for easier access
- Internal hinged cord clamp adds strain-relief and swings aside when wiring terminals
- Large diameter combination head terminal screws



### Internal Cord Clamp

- Secondary method for eliminating strain on terminals and conductors
- True IEC 309-1 & 309-2 acceptance
- Constructed of sturdy thermoplastic for tough environments
- Removes easily for user convenience



### Pins

- Designed for manageable insertion/withdrawal force
- Clean brass construction resists corrosion, provides superior contact and low electrical resistance
- Rounded tips reduce insertion force and decrease wear on the contact surface area



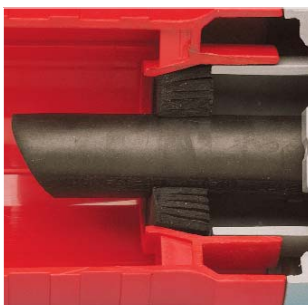
### Spring Loaded Cover, Cover Arm, & Locking Rings

- Rings lock plug to connector
- Spring loaded cover closes automatically
- "Performance grade" Stainless Steel cover spring for superior corrosion-resistance and long life
- Excellent UV stability for outdoor use
- V-0 flammability rating
- Interior arm design in 60 and 100 amp helps eliminate breakage



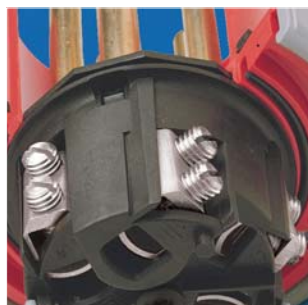
### Sleeves (Contacts)

- Designed for manageable insertion/withdrawal force
- Clean brass construction resists corrosion, provides superior contact and low electrical resistance
- Self-adjusting, machine-calibrated contacts for accurate contact pressure designed for superior wiping and cleaning action
- Made from high performance Swedish Industrial Standard (SIS) Brass 5170-04
- Positioned at sleeve entrance, stainless steel spring enables pin cleaning at earliest point of entry



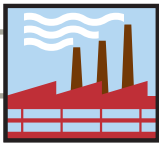
### Gasket/Grommet

- Prevents moisture, dust, and contaminants from entering housing or pin/contact carrier
- Solid Chloroprene for positive seal and excellent chemical/corrosion-resistance
- Onion skin design on grommet provides precise watertight fit, eliminating the need to choose from multiple grommets that may not fit the cable jacket precisely



### Terminal Screws

- Engineered to provide maximum holding power and lowest electrical resistance
- Accepts a wide range of conductors
- Double screws ensure secure connection
- Direct bearing pressure terminals for 20, 30 and 60 Amp ratings; pressure clamp termination for 100 Amp devices
- Stainless steel terminal screws and terminals for top performance on 100 Amp



20 AMP • 30 AMP

Industrial Grade North American Watertight Pin & Sleeve Devices  
IEC 309-1 & 309-2

20 AMP and 30 AMP Watertight Pin & Sleeve Devices



Engineered to IP67  
Watertight Standards

2 YEAR LIMITED  
WARRANTY



PLUG — 320P4W



CONNECTOR — 320C4W



RECEPTACLE — 420R9W



INLET — 420B9W



BACK BOX — BX230-V

AMPS	WIRING	VOLTAGE AC	CONNECTOR/RECEPTACLE	PLUG/INLET	PLUG	CONNECTOR	RECEPTACLE	INLET	BACK BOX
20	2p3w	125			320P4W	320C4W	320R4W	320B4W	BX230-V
	2p3w	250			320P6W	320C6W	320R6W	320B6W	BX230-V
	2p3w	480			320P7W	320C7W	320R7W	320B7W	BX230-V
	3p4w	125/250			420P12W	420C12W	420R12W	420B12W	BX230-V
	3p4w	3Ø250			420P9W	420C9W	420R9W	420B9W	BX230-V
	3p4w	3Ø480			420P7W	420C7W	420R7W	420B7W	BX230-V
	3p4w	3Ø600			420P5W	420C5W	420R5W	420B5W	BX230-V
	4p5w	3ØY120/208			520P9W	520C9W	520R9W	520B9W	BX230-V
	4p5w	3ØY277/480			520P7W	520C7W	520R7W	520B7W	BX230-V
	4p5w	3ØY347/600			520P5W	520C5W	520R5W	520B5W	BX230-V
30	2p3w	125			330P4W	330C4W	330R4W	330B4W	BX230-V
	2p3w	250			330P6W	330C6W	330R6W	330B6W	BX230-V
	2p3w	480			330P7W	330C7W	330R7W	330B7W	BX230-V
	3p4w	125/250			430P12W	430C12W	430R12W	430B12W	BX230-V
	3p4w	3Ø250			430P9W	430C9W	430R9W	430B9W	BX230-V
	3p4w	3Ø480			430P7W	430C7W	430R7W	430B7W	BX230-V
	3p4w	3Ø600			430P5W	430C5W	430R5W	430B5W	BX230-V
	4p5w	3ØY120/208			530P9W	530C9W	530R9W	530B9W	BX230-V
	4p5w	3ØY277/480			530P7W	530C7W	530R7W	530B7W	BX230-V
	4p5w	3ØY347/600			530P5W	530C5W	530R5W	530B5W	BX230-V

Additional information for Back Boxes and Accessories can be found on pages O21 & O22.

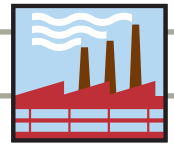
To learn more about Leviton's outstanding offering of devices visit our Website at: [www.leviton.com](http://www.leviton.com)



Pin & Sleeve Devices

04





# Industrial Grade North American Watertight Pin & Sleeve Devices

IEC 309-1 & 309-2

## 60 AMP and 100 AMP Watertight Pin & Sleeve Devices



Engineered to IP67  
Watertight Standards

2 YEAR LIMITED  
WARRANTY



PLUG — 4100P12W

CONNECTOR — 4100C12W

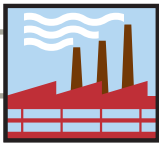
RECEPTACLE — 360R6W

INLET — 360B7W

BACK BOX — BX100-V

AMPS	WIRING	VOLTAGE AC	CONNECTOR/RECEPTACLE	PLUG/INLET	PLUG	CONNECTOR	RECEPTACLE	INLET	BACK BOX
60	2p3w	125			360P4W	360C4W	360R4W	360B4W	BX60-V
	2p3w	250			360P6W	360C6W	360R6W	360B6W	BX60-V
	2p3w	480			360P7W	360C7W	360R7W	360B7W	BX60-V
	3p4w	125/250			460P12W	460C12W	460R12W	460B12W	BX60-V
	3p4w	3Ø250			460P9W	460C9W	460R9W	460B9W	BX60-V
	3p4w	3Ø480			460P7W	460C7W	460R7W	460B7W	BX60-V
	3p4w	3Ø600			460P5W	460C5W	460R5W	460B5W	BX60-V
	4p5w	3ØY120/208			560P9W	560C9W	560R9W	560B9W	BX60-V
	4p5w	3ØY277/480			560P7W	560C7W	560R7W	560B7W	BX60-V
	4p5w	3ØY347/600			560P5W	560C5W	560R5W	560B5W	BX60-V
100	2p3w	125			3100P4W	3100C4W	3100R4W	3100B4W	BX100-V
	2p3w	250			3100P6W	3100C6W	3100R6W	3100B6W	BX100-V
	2p3w	480			3100P7W	3100C7W	3100R7W	3100B7W	BX100-V
	3p4w	125/250			4100P12W	4100C12W	4100R12W	4100B12W	BX100-V
	3p4w	3Ø250			4100P9W	4100C9W	4100R9W	4100B9W	BX100-V
	3p4w	3Ø480			4100P7W	4100C7W	4100R7W	4100B7W	BX100-V
	3p4w	3Ø600			4100P5W	4100C5W	4100R5W	4100B5W	BX100-V
	4p5w	3ØY120/208			5100P9W	5100C9W	5100R9W	5100B9W	BX100-V
	4p5w	3ØY277/480			5100P7W	5100C7W	5100R7W	5100B7W	BX100-V
	4p5w	3ØY347/600			5100P5W	5100C5W	5100R5W	5100B5W	BX100-V

Additional information for Back Boxes and Accessories can be found on pages 021 & 022.



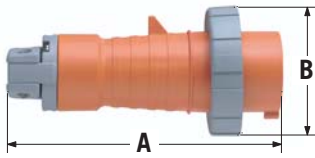
# PLUG & CONNECTOR DIMENSIONS

## Industrial Grade North American Watertight Pin & Sleeve Devices

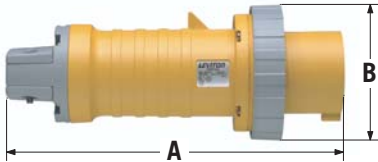


Engineered to IP67  
Watertight Standards

**2 YEAR LIMITED  
WARRANTY**



20A, 30A PLUG



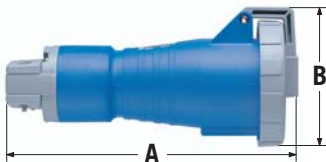
60A, 100A PLUG

### Plug Dimensions

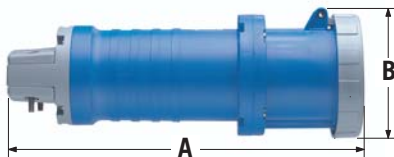
CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE
320P	20	inch	5.83	2.80	.350-.860
		mm	148	71	9-22
420P	20	inch	6.46	3.11	.350-.860
		mm	164	79	9-22
520P	20	inch	6.61	3.43	.437-1.187
		mm	168	87	11-30
330P	30	inch	6.85	3.70	.437-1.187
		mm	174	94	11-30
430P	30	inch	6.85	3.70	.437-1.187
		mm	174	94	11-30
530P	30	inch	7.40	3.98	.437-1.450
		mm	188	101	11-37
360P	60	inch	10.83	4.49	.670-1.625
		mm	275	114	17-41
460P	60	inch	10.83	4.49	.670-1.625
		mm	275	114	17-41
560P	60	inch	10.83	4.49	.670-1.625
		mm	275	114	17-41
3100P	100	inch	12.3	5	.950-1.875
		mm	312	127	24-48
4100P	100	inch	12.3	5	.950-1.875
		mm	312	127	24-48
5100P	100	inch	12.3	5	.950-1.875
		mm	312	127	24-48

### Connector Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE
320C	20	inch	6.73	3.19	.350-.860
		mm	171	81	9-22
420C	20	inch	7.36	3.46	.350-.860
		mm	187	88	9-22
520C	20	inch	7.95	3.82	.437-1.187
		mm	202	97	11-30
330C	30	inch	7.95	4.02	.437-1.187
		mm	202	102	11-30
430C	30	inch	7.95	4.02	.437-1.187
		mm	202	102	11-30
530C	30	inch	8.27	4.29	.437-1.450
		mm	210	109	11-37
360C	60	inch	11.26	4.41	.670-1.625
		mm	286	112	17-41
460C	60	inch	11.26	4.41	.670-1.625
		mm	286	112	17-41
560C	60	inch	11.26	4.41	.670-1.625
		mm	286	112	17-41
3100C	100	inch	12.8	4.84	.950-1.875
		mm	325	123	24-48
4100C	100	inch	12.8	4.84	.950-1.875
		mm	325	123	24-48
5100C	100	inch	12.8	4.84	.950-1.875
		mm	325	123	24-48



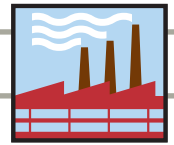
20A, 30A CONNECTOR



60A, 100A CONNECTOR

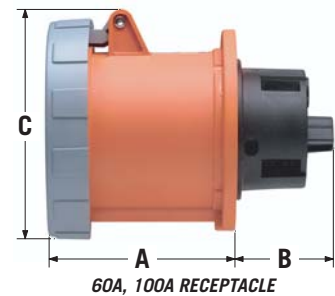
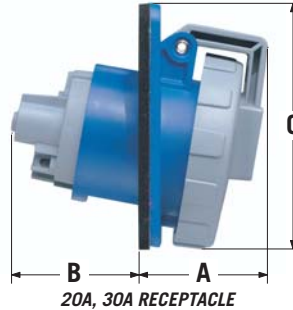
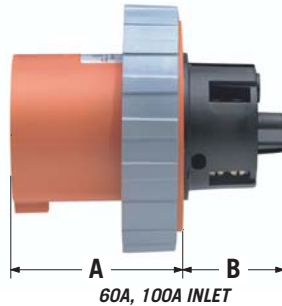
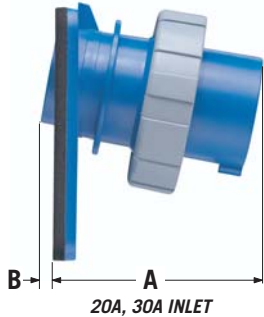
# INLET & RECEPTACLE DIMENSIONS

## Industrial Grade North American Watertight Pin & Sleeve Devices



Engineered to IP67  
Watertight Standards

**2 YEAR LIMITED  
WARRANTY**

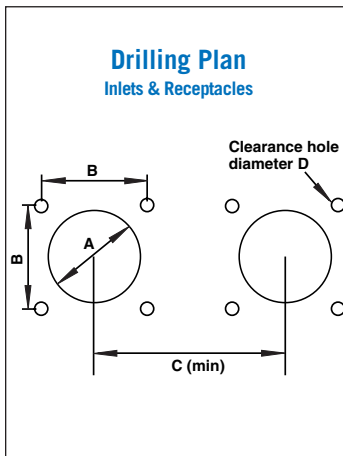


### Inlet Dimensions

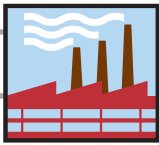
CATALOG NO.	AMPS	UNIT	A	B
320B	20	inch	1.85	0.39
		mm	47	10
420B	20	inch	2.09	0.39
		mm	53	10
520B	20	inch	2.32	0.39
		mm	59	10
330B	30	inch	2.36	0.47
		mm	60	12
430B	30	inch	2.36	0.47
		mm	60	12
530B	30	inch	2.64	.47
		mm	67	12
360B	60	inch	3.15	1.97
		mm	80	50
460B	60	inch	3.15	1.97
		mm	80	50
560B	60	inch	3.15	1.97
		mm	80	50
3100B	100	inch	3.50	2.21
		mm	89	56
4100B	100	inch	3.50	2.21
		mm	89	56
5100B	100	inch	3.50	2.21
		mm	89	56

### Receptacle Dimensions

CATALOG NO.	AMPS	UNIT	A	B	C
320R	20	inch	1.77	2.24	3.74
		mm	45	57	95
420R	20	inch	1.77	2.24	3.74
		mm	45	57	95
520R	20	inch	1.85	2.24	3.90
		mm	47	57	99
330R	30	inch	2.20	2.40	4.10
		mm	56	61	104
430R	30	inch	2.20	2.40	4.10
		mm	56	61	104
530R	30	inch	2.20	2.44	4.37
		mm	56	62	111
360R	60	inch	3.50	1.89	4.37
		mm	89	48	111
460R	60	inch	3.50	1.89	4.37
		mm	89	48	111
560R	60	inch	3.50	1.89	4.37
		mm	89	48	111
3100R	100	inch	3.94	2.28	4.80
		mm	100	58	122
4100R	100	inch	3.94	2.28	4.80
		mm	100	58	122
5100R	100	inch	3.94	2.28	4.80
		mm	100	58	122



DEVICE SIZE		A		B		C (min)		D	
		inches	mm	inches	mm	inches	mm	inches	mm
20A; 3-wire:	Receptacle	3.26	83	3.12	79.5	3.94	100	0.185	4.7
	Inlet	3.26	83	3.12	79.5	3.94	100	0.185	4.7
20A; 4-wire:	Receptacle	3.26	83	3.12	79.5	4.33	110	0.185	4.7
	Inlet	3.26	83	3.12	79.5	4.33	110	0.185	4.7
20A; 5-wire:	Receptacle	3.26	83	3.12	79.5	4.92	125	0.236	6.0
	Inlet	3.26	83	3.12	79.5	4.92	125	0.185	4.7
30A; 3-wire:	Receptacle	3.26	83	3.12	79.5	5.12	130	0.236	6.0
	Inlet	3.26	83	3.12	79.5	5.12	130	0.185	4.7
30A; 4-wire:	Receptacle	3.26	83	3.12	79.5	5.12	130	0.236	6.0
	Inlet	3.26	83	3.12	79.5	5.12	130	0.185	4.7
30A; 5-wire:	Receptacle	3.26	83	3.12	79.5	5.71	145	0.236	6.0
	Inlet	3.26	83	3.12	79.5	5.71	145	0.185	4.7
60A	All	2.76	70	2.40	61	6.69	170	0.224	5.7
100A	All	3.47	88	2.80	71	7.87	200	0.280	7.1



# TECHNICAL INFORMATION

## Industrial Grade North American Watertight Pin & Sleeve Devices



Engineered to IP67  
Watertight Standards

2 YEAR LIMITED  
WARRANTY



- Listed to UL 1682 and 1686
- Certified to CSA Standard C22.2 number 182.1
- Classified to IEC Standards 309-1 and 309-2 for both North American-rated and International-rated voltages and services
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC

### Material Specifications

#### Inlets

PART	MATERIAL
Housing	Valox 357
Locking Ring	Valox 357
Mounting Flange	Valox 357
Contact Carrier	Nylon for 20 and 30 Amp devices; Reinforced nylon for 60 and 100 Amp devices
Phase, Ground Pins	Brass
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Sealing Gasket	Solid Chloroprene

#### Connectors

PART	MATERIAL
Housing	Valox 357
Internal Cord Clamp Asbly	Thermoplastic
External Cord Clamp Asbly	Valox 357
Gland Cap	Valox 357
Grommet	Chloroprene Onion Skin
Cover with Arm	Valox 357
Arm Spring	"Performance Grade" Stainless Steel
Cover Eyelet	Nickel-Plated Brass
Sealing Gasket	Solid Chloroprene
Contact Carrier	Nylon for 20 and 30 Amp devices; Reinforced nylon for 60 and 100 Amp devices
Phase, Ground Sleeve	Brass
Sleeve Spring	Stainless Steel
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Internal Screws	Zinc-plated Steel
External Screws	Acid-proof Stainless Steel



4100P12W

4100C12W

#### Plugs

PART	MATERIAL
Housing	Valox 357
Locking Ring	Valox 357
Sealing Gasket	Solid Chloroprene
Internal Cord Clamp Asbly	Thermoplastic
External Cord Clamp Asbly	Valox 357
Gland Cap	Valox 357
Grommet	Chloroprene Onion Skin
Contact Carrier	Nylon for 20 and 30 Amp devices; Reinforced nylon for 60 and 100 Amp devices
Ground, Phase Pins	Brass
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Internal Screws	Zinc-plated Steel
External Screws	Acid-proof Stainless Steel

#### Receptacles

PART	MATERIAL
Housing	Valox 357
Mounting Flange	Valox 357
Cover with Arm	Valox 357
Arm Spring	"Performance Grade" Stainless Steel
Cover Eyelet	Nickel-Plated Brass
Sealing Gasket	Solid Chloroprene
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Phase, Ground Sleeves	Brass
Sleeve Spring	Stainless Steel

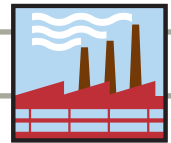
Valox® is a registered trademark of GE.

### STANDARDS & CERTIFICATIONS

#### Pin & Sleeve: Inlets, Connectors, Plugs, Receptacles

UL 1682 & 1686	CSA C22.2 No. 182.1	NOM	CE	IEC 309-1 & 309-2
E164321 & E164322	LR700925	✓	✓	✓





# Industrial Grade North American Watertight Pin & Sleeve Devices



Engineered to IP67  
Watertight Standards

2 YEAR LIMITED  
WARRANTY

## Performance Specifications – UL 1682 & 1686

### Electrical

Dielectric Voltage	Devices rated ≤ 300V: 2000V for 1 min. Devices rated >300V: 3000V for 1 min.								
Insulation Resistance	500 V for 1 min. Insulation Resistance ≥ 5 megohms								
Ground Path Current	Apply high current for short time (See Table 1) and maintain continuity								
Overload	150% of rated current and 100% of rated voltage for 50 cycles (Power factor 0.75–0.80)								
Current Interrupting	Certified for current interrupting at full-rated current and voltage								
Temperature Rise	Max 30°C rise at full rated current (after overload)								
Resistance to Arcing	Continuation of overload for additional 200 cycles								
Endurance with Load	<table border="1"> <thead> <tr> <th>Device</th> <th># Cycles with Load</th> </tr> </thead> <tbody> <tr> <td>20A</td> <td>5000 Rated Current, Voltage</td> </tr> <tr> <td>30A,60A</td> <td>1000 Rated Current, Voltage</td> </tr> <tr> <td>100A</td> <td>250 Rated Current, Voltage</td> </tr> </tbody> </table> (Power Factor 0.75 – 0.80)	Device	# Cycles with Load	20A	5000 Rated Current, Voltage	30A,60A	1000 Rated Current, Voltage	100A	250 Rated Current, Voltage
Device	# Cycles with Load								
20A	5000 Rated Current, Voltage								
30A,60A	1000 Rated Current, Voltage								
100A	250 Rated Current, Voltage								

### Mechanical

Mold Stress Relief	70°C for 7 hrs								
Humidity	32°C, 93% humidity, 168 hrs								
Cable Secureness	Pull force and apply torque for 1 minute (See Table 2)								
Impact	Drop from 30" 8 times after conditioning to -25°C, for 6 hrs								
Crush	250 lbs for 1 min after -25°C for 6 hrs								
Withdrawal Force	Pull for one minute (See Table 3)								
Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws								
Endurance	<table border="1"> <thead> <tr> <th>Device</th> <th>Total # Cycles (connect &amp; disconnect)</th> </tr> </thead> <tbody> <tr> <td>20A</td> <td>5000</td> </tr> <tr> <td>30A,60A</td> <td>2000</td> </tr> <tr> <td>100A</td> <td>500</td> </tr> </tbody> </table>	Device	Total # Cycles (connect & disconnect)	20A	5000	30A,60A	2000	100A	500
Device	Total # Cycles (connect & disconnect)								
20A	5000								
30A,60A	2000								
100A	500								
Polarization Integrity	Matching devices will not mate so that ground is energized even when polarization feature is removed and 40-lb insertion force applied								

### Environmental

Flammability	V2 or better on 20 and 30 amp devices per UL 94 or CSA 22.2 No 0.6 ; V-0 on 60 & 100 amp devices
Resistance to Corrosion Moisture Resistance per UL 1682	Ferrous parts immersed in 10% ammonium chloride solution Watertight: Device immersed for 24 hrs in 5 cm of 25°C water Splashproof: 1" dia. water stream at 15 PSI from 10 ft. for 5 minutes
UV Resistance	Exposed plastic materials are UV stabilized



460P7W

460C12W

### Short-Time Grounding Test Currents

Device Rating, Amperes	Minimum Size Equipment Grounding Conductor (Copper)		Time, Seconds	Test Current, Amperes
	AWG	(mm <sup>2</sup> )		
20	12	(3.3)	4	470
30	10	(5.3)	4	750
60	10	(5.3)	4	750
100	8	(8.4)	4	1180

Ground-path integrity is of critical importance to safe operation of industrial equipment. Leviton pin and sleeve devices are tested by applying a test current through their ground path that far exceeds the device rating. All devices are properly wired and connected to line current at rated values. Then the ground path is subjected to a dramatic, sudden increase in current for 4 seconds. In all cases, the ground pin, sleeve, and terminals of the devices must sustain the test current, continue to function properly, and show no evidence of damage or deterioration in any electrical or mechanical elements of the ground path. Test current values and test parameters are displayed in the above chart.

### Cord Secureness Test Values

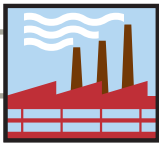
Device Rating Amperes	Force		Torque		Maximum Displacement	
	lb	N	ft-lb	N•M	inches	mm
20	30	133	0.4	0.54	≤3/32	2.38
30	75	333	0.5	0.68	≤3/32	2.38
60	150	667	1.0	1.4	≤3/32	2.38
100	150	667	2.0	2.7	≤3/32	2.38

Heavy cord stress is typical of industrial applications. To assure you of top performance, Leviton pin and sleeve devices are subjected to a punishing series of tests to confirm they can absorb heavy cord pulls. The cord conductors wired to devices are simultaneously twisted and pulled. Values for the applied twisting torque and force of pull are shown above. In all cases, the cord displacement is less than 3/32 inches.

### Minimum Withdrawal Force

Device Rating, Amperes	Minimum Withdrawal Force	
	lb	N
20	5	22
30	6	27
60	15	67
100	20	89

In industrial settings, inadvertent disconnection of power can be troublesome at best, dangerous at worst, and unacceptable in any case. To verify that Leviton pin and sleeve plugs and connectors remain securely connected, they are tested to establish the minimum force required for withdrawal. In establishing these minimum withdrawal forces, the plugs and connectors are properly mated, but not locked with locking rings or other mechanical means. The pins and sleeves provide the only resistance to the force of withdrawal. In all cases, the values in the table above show the minimum force required to separate the plugs and connectors.



## MECHANICAL INTERLOCK FEATURES

### Industrial Grade North American Watertight Mechanical Interlocks IEC 309-1 & 309-2

Type 3R, 4X & 12K  
IP67



Engineered to IP67  
Watertight Standards

2 YEAR LIMITED  
WARRANTY



560M17W  
60 Amp



420M19W  
20 Amp



420MF9W  
20 Amp, Fused

Fused Models Accept  
"Class J" Time-Delay  
Fuses

## PowerSwitch® Mechanical Interlocks

■ 20 Amp Non-Fused & Fused ■ 30 Amp Non-Fused & Fused

■ 60 Amp Non-Fused & Fused ■ 100 Amp Non-Fused

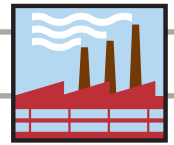
PowerSwitch Mechanical Interlock devices incorporate a disconnect safety switch and IEC receptacle in a non-metallic watertight enclosure. The interlock mechanism prevents making and breaking of power under load. "The switch cannot be actuated to the *ON* position until an IEC compatible plug is fully inserted, and the plug cannot be removed until the switch is in the *OFF* position."

The complete IEC 309-1 and 309-2 system of plugs, connectors, inlets and mechanical interlock devices can be used for both retrofit and new installations enhancing safety and performance in critical power connections.

Pin & Sleeve Devices

0  
10

# MECHANICAL INTERLOCK FEATURES



## Industrial Grade North American Watertight Mechanical Interlocks

**2 YEAR LIMITED WARRANTY**

Liquid-tight conduit fitting can be installed for top or bottom feed

- One fitting supplied:
- 20-30 Amp – 3/4"
  - 60 Amp – 1 1/4"
  - 100 Amp – 1 1/2"

Stainless steel screws are captive and will not fall out when cover is opened

Impact, UV and chemical-resistant Valox enclosure rated to UL and IEC watertight standards

- Type 3R, 4X & 12K
- IP67

**Fused Models Accept "Class J" Time-Delay Fuses**



420MF9W

Red "pistol grip" handle provides visual confirmation of switch's status

Integrated lockout handle meets OSHA safety regulations



Handle with padlock installed

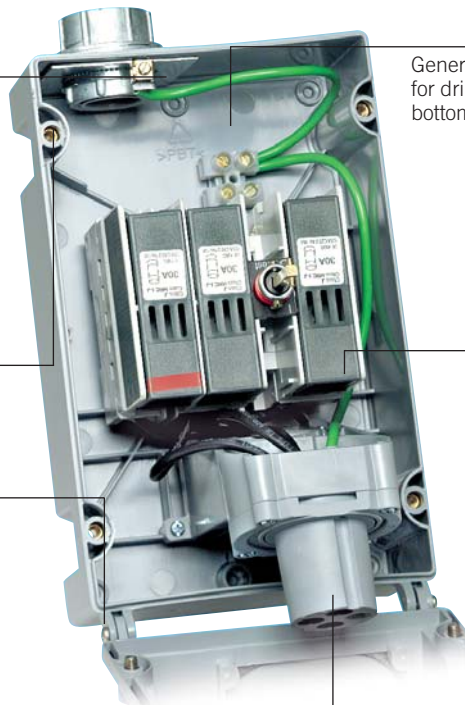
Circuit identification pad for means of identifying specific equipment loads

Color-coded receptacle cover indicates voltage rating of device and seals against water and other contaminants when not in use

Pre-wired grounding plate connects to metal conduit grounding system

Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover

Rugged hinge mechanism pivots 180° for easy access during installation and maintenance

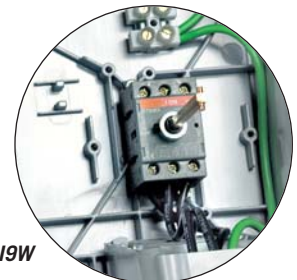


420MF9W

Generous wiring space for drip loop or top to bottom wiring

- Disconnect switch with integrated fuse holder offers proven performance in a compact package
- Fused cartridges accept "Class J" fuses (not included)
  - One factory installed auxiliary contact (normally opened – 10 Amp). Additional auxiliary contact available (normally closed — 10 Amp)
  - Easily accessible neutral and ground terminal blocks

Pre-wired IEC receptacle accepts all manufacturer's IEC 309-2 plugs



420MI9W

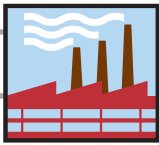
Compact non-fused mechanical interlocks are easy to wire



### STANDARDS & CERTIFICATIONS

#### Mechanical Interlocks

UL 231 & UL1686	UL 98 Fused	UL 508 Non-Fused	CSA C22.2 No. 182.1 & 14	NOM	CE	IEC 309-1 & 309-2
	E171391		LR700925	✓	✓	✓



20 AMP • 30 AMP

# Industrial Grade North American Watertight Mechanical Interlocks

Non-Fused & Fused



420MF9W



2 YEAR LIMITED WARRANTY

Fused Models Accept "Class J" Time-Delay Fuses

Type 3R, 4X & 12K IP67

AMPS	WIRING	VOLTAGE AC	RECEPTACLE CONFIG.	PLUG CONFIG.	NON-FUSED		FUSED		USE PLUG CAT. NO.
					MECHANICAL INTERLOCK	HP RATING	MECHANICAL INTERLOCK	HP RATING	
20	2p3w	240			320MI6W	3	—	—	320P6W
	2p3w	480			320MI7W	5	—	—	320P7W
	3p4w	125/250			420MI12W	*	420MF12W	*	420P12W
	3p4w	3Ø240			420MI9W	5	420MF9W	5	420P9W
	3p4w	3Ø480			420MI7W	10	420MF7W	10	420P7W
	3p4w	3Ø600			420MI5W	15	420MF5W	15	420P5W
	4p5w	3ØY120/208			520MI9W	5	—	—	520P9W
	4p5w	3ØY277/480			520MI7W	10	—	—	520P7W
	4p5w	3ØY347/600			520MI5W	15	—	—	520P5W
30	2p3w	240			330MI6W	5	—	—	330P6W
	2p3w	480			330MI7W	10	—	—	330P7W
	3p4w	125/250			430MI12W	*	430MF12W	*	430P12W
	3p4w	3Ø240			430MI9W	10	430MF9W	7.5	430P9W
	3p4w	3Ø480			430MI7W	20	430MF7W	15	430P7W
	3p4w	3Ø600			430MI5W	25	430MF5W	20	430P5W
	4p5w	3ØY120/208			530MI9W	10	—	—	530P9W
	4p5w	3ØY277/480			530MI7W	20	530MF7W	15	530P7W
	4p5w	3ØY347/600			530MI5W	25	530MF5W	20	530P5W

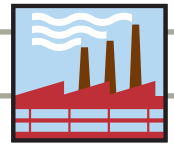
\*Consult factory for your specific application.

Pin & Sleeve Devices

0  
12



60 AMP • 100 AMP



Industrial Grade North American Watertight Mechanical Interlocks  
Non-Fused & Fused



Fused Models Accept  
"Class J" Time-Delay Fuses



Engineered to IP67  
Watertight Standards

2 YEAR LIMITED  
WARRANTY

Type 3R, 4X & 12K  
IP67

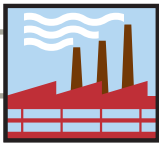
560MI7W

AMPS	WIRING	VOLTAGE AC	RECEPTACLE CONFIG.	PLUG CONFIG.	NON-FUSED		FUSED		USE PLUG CAT. NO.
					MECHANICAL INTERLOCK	HP RATING	MECHANICAL INTERLOCK	HP RATING	
60	2p3w	240			360MI6W	10	360MF6W	*	360P6W
	2p3w	480			360MI7W	20	—	—	360P7W
	3p4w	125/250			460MI12W	*	460MF12W	*	460P12W
	3p4w	3Ø240			460MI9W	20	460MF9W	15	460P9W
	3p4w	3Ø480			460MI7W	40	460MF7W	30	460P7W
	3p4w	3Ø600			460MI5W	40	460MF5W	50	460P5W
	4p5w	3ØY120/208			560MI9W	20	560MF9W	15	560P9W
	4p5w	3ØY277/480			560MI7W	40	—	—	560P7W
	4p5w	3ØY347/600			560MI5W	40	—	—	560P5W

Type 3R, 4X & 12K  
IP67

AMPS	WIRING	VOLTAGE AC	RECEPTACLE CONFIG.	PLUG CONFIG.	NON-FUSED		USE PLUG CAT. NO.
					MECHANICAL INTERLOCK	HORSEPOWER RATING	
100	2p3w	125			3100MI4W	5	3100P4W
	2p3w	240			3100MI6W	15	3100P6W
	2p3w	480			3100MI7W	25	3100P7W
	3p4w	125/250			4100MI12W	*	4100P12W
	3p4w	3Ø240			4100MI9W	30	4100P9W
	3p4w	3Ø480			4100MI7W	50	4100P7W
	3p4w	3Ø600			4100MI5W	50	4100P5W
	4p5w	3ØY120/208			5100MI9W	25	5100P9W
	4p5w	3ØY277/480			5100MI7W	50	5100P7W
	4p5w	3ØY347/600			5100MI5W	50	5100P5W

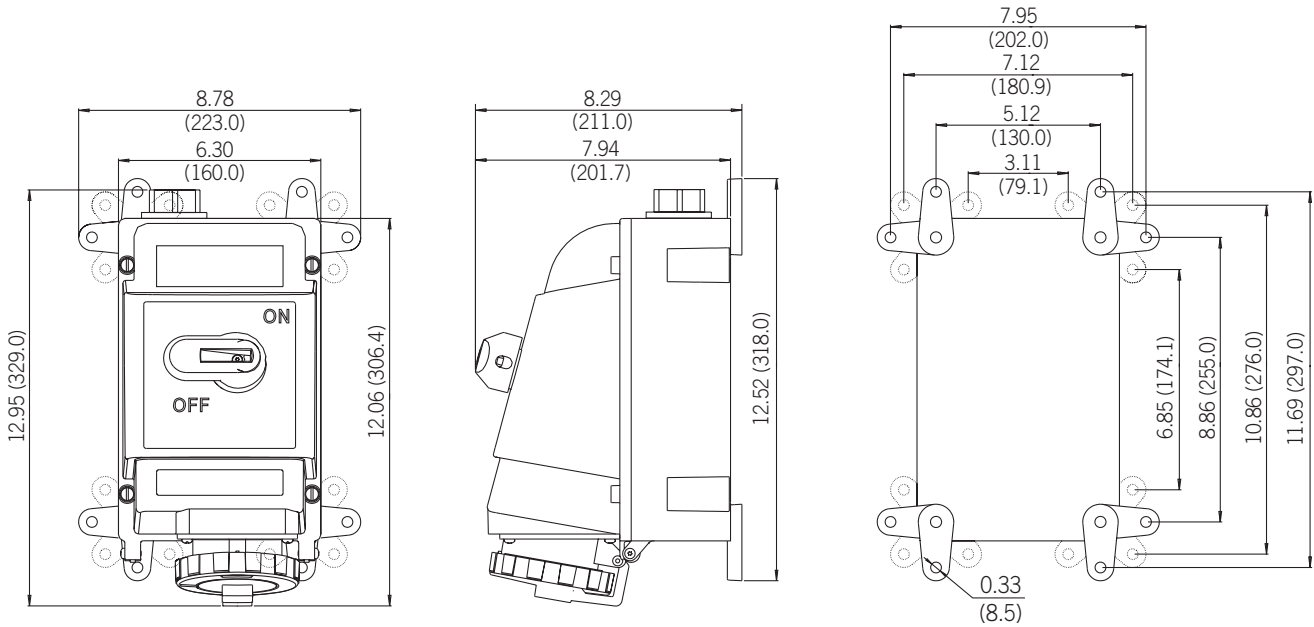
\*Consult factory for your specific application.



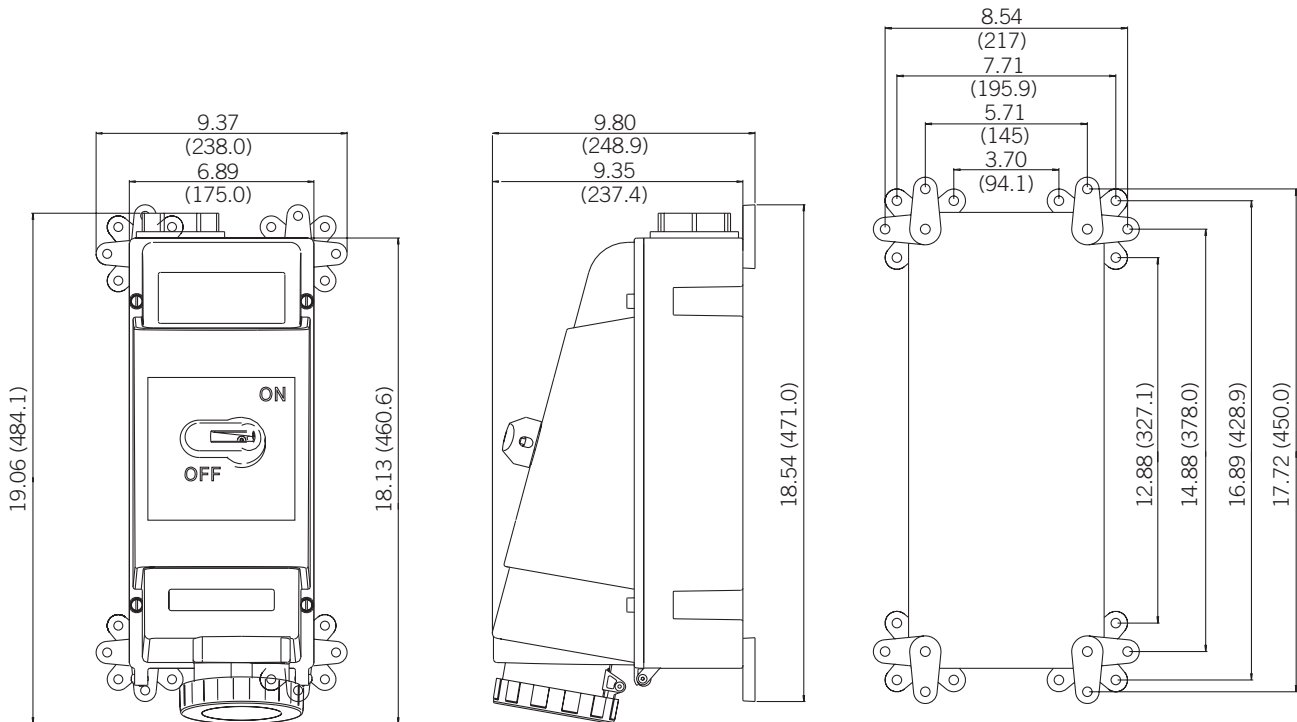
# MECHANICAL INTERLOCK DIMENSIONS

## Industrial Grade North American Watertight Mechanical Interlocks Non-Fused & Fused

**2 YEAR LIMITED  
WARRANTY**

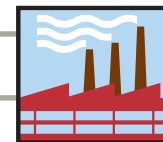


**20 AMP & 30 AMP FUSED & 60 AMP NON-FUSED**



**60 AMP FUSED & 100 AMP NON-FUSED**

Pin & Sleeve Devices



## Industrial Grade North American Watertight Mechanical Interlocks

20, 30, 60 and 100 AMP



Engineered to IP67  
Watertight Standards

**2 YEAR LIMITED  
WARRANTY**

- Enclosures are rated Type 3R, 4X & 12K, IP67
- Listed to UL 231 and 1686
- Certified to CSA Standard C22.2 number 182.1& 14
- Classified to IEC Standards 309-1 and 309-2 for both North American-rated voltages and services
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC
- Switches are listed to UL 508 for Non-Fused and UL98 for Fused models (including 100 Amp Non-Fused)



### Material Specifications

#### 20 and 30 Amp Devices

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Cover with Arm	Valox 357
Locking Ring	Valox 357
Cover Arm Eyelet	Nickel-Plated Brass
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Actuator Shaft	Valox 357
Locking Mechanism	Zinc-Coated Steel
Contact Carrier	Nylon
Phase and Ground Sleeves	Brass
Ground Contact	Brass
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub (1")	Die-Cast Zinc
Switch	Reinforced Nylon
Switch Terminal Contacts	Brass
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel

#### Additional Components for 60 Amp Devices

PART	MATERIAL
Ground Bus	Brass
Neutral Bus	Brass
Actuator Shaft	Zinc-Coated Steel
Contact Carrier	Reinforced Nylon
Conduit Hub (1 1/2")	Die-Cast Zinc
Locking Mechanism	Valox 357

#### Additional Components for 100 Amp Devices

PART	MATERIAL
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon
Terminal Shaft Key	Die-Cast Aluminum
Actuator Shaft	Zinc-Coated Steel
Contact Carrier	Reinforced Nylon
Conduit Hub (2")	Die-Cast Zinc
Switch	Reinforced Nylon
Locking Mechanism	Valox 357

Valox® is a registered trademark of GE.

### Performance Specifications

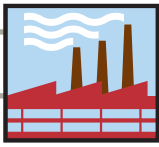
ELECTRICAL			
Ground Path Integrity	Device 20 A 30 A	Current Applied 40 A 60 A	Duration 2 min 2 min
	60 A 100 A	120 A 200 A	4 min 6 min
Current Interrupting	Certified for current interrupting at full-rated current and voltage		
Endurance	6000 operations at rated current and voltage (Power factor 0.75 – 0.80)		
Dielectric	1000 V plus twice rated voltage for 1 minute		

MECHANICAL	
Mold Stress Relief	70°C for 7 hours
Knockout Test	Remains in place with 20 lb push
Crush	100 lb
Impact	1.2 lb steel ball dropped from 5 ft
Cold Impact	Same as above, after conditioning to -35°C
Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws
Pullout	18 lb pull on internal wires

ENVIRONMENTAL	
Flammability	No 0.6; V-0 for watertight enclosure
Rain (3R) per UL 50	Water spray @ 5 psi from all sides for 1 hr
Hosedown (4X) per UL 50	Water spray @ 65 gal/min for 5 min.
Dust (12K) per UL 50	Cement Dust Circulated @ 1000 ft/minute for 5 minutes
Gasket Aging	70°C for 168 hours
UV Resistance	Exposed plastic materials are UV stabilized
Operating Temperature	-40°C to +60°C (-40°F to +140°F)

STANDARDS & CERTIFICATIONS						
Mechanical Interlocks						
UL231 & UL1686	UL 98 Fused	UL 508 Non-Fused	CSA C22.2	NOM	CE	IEC 309-1 & 309-2
✓	✓	✓	✓	✓	✓	✓

Pin & Sleeve Devices



16 AMP • 32 AMP • 63 AMP • 125 AMP

## Industrial Grade International-Rated Pin & Sleeve Devices



Engineered to IP44  
Splashproof Standards  
International Rated Devices



Engineered to UL & IEC  
Watertight Standards  
432P3WL, 432C3WL & All 125A Devices listed on  
this page have North American Rated Construction

2 YEAR LIMITED  
WARRANTY



SP516P6



SP516C6



SP516R6



SP516B6

### International-Rated Devices

Leviton offers international-rated pin and sleeve devices available in 16, 32, 63 and 125 Amps. These IEC 309-1 and 309-2 compliant devices are ideal for use overseas where voltage and amperage requirements differ from North American standards, but where rigorous performance, quality, and reliability criteria need to be met.

16, 32 and 63 Amp devices have an environmental classification of splashproof (IP44), and 125 Amp devices are classified as watertight (IP67).

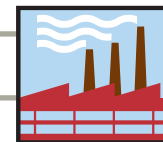
### Ordering Information\*

AMPS	WIRING	VOLTAGE AC	CONNECTOR/RECEPTACLE	PLUG/INLET	PLUG	CONNECTOR	RECEPTACLE	INLET
16	2p3w	100 – 130			SP316P4	SP316C4	SP316R4	SP316B4
	2p3w	250			SP316P6	SP316C6	SP316R6	SP316B6
	3p4w	380 – 415			SP416P6	SP416C6	SP416R6	SP416B6
	4p5w	200/346 – 240/415			SP516P6	SP516C6	SP516R6	SP516B6
32	2p3w	100 – 130			SP332P4	SP332C4	SP332R4	SP332B4
	2p3w	250			SP332P6	SP332C6	SP332R6	SP332B6
	3p4w	380 – 415			SP432P6	SP432C6	SP432R6	SP432B6
	3p4w	3Ø380 – 3Ø440			432P3WL†	432C3WL†	—	—
	4p5w	200/346 – 240/415			SP532P6	SP532C6	SP532R6	SP532B6
63	2p3w	250			SP363P6	SP363C6	SP363R6	SP363B6
	3p4w	380 – 415			SP463P6	SP463C6	SP463R6	SP463B6
	4p5w	200/346 – 240/415			SP563P6	SP563C6	SP563R6	SP563B6
125	2p3w	250			3125P6W	3125C6W	3125R6W	3125B6W
	3p4w	380 – 415			4125P6W	4125C6W	4125R6W	4125B6W
	4p5w	200/346 – 240/415			5125P6W	5125C6W	5125R6W	5125B6W

\*Consult the factory for availability before placing your order. These are specialty order items and are not regularly stocked.

†This device has North American 30 Amp construction and is used in refrigerated container applications.





## Industrial Grade International-Rated Pin & Sleeve Devices

- Classified to IEC Standards 309-1 and 309-2
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC



### Material Specifications

#### Inlets

PART	MATERIAL FOR 16A, 32A INLETS	MATERIAL FOR 63A, 125A INLETS
Housing	Nylon	Valox 357
Mounting Flange	Nylon	_____
Locking Ring (125A)	_____	Valox 357
Contact Carrier	Nylon	Reinforced Nylon
Terminal Screws – Stainless Steel (125A)	Brass	Brass (63A)
Phase, Ground Pins	Brass	Brass

#### Connectors

PART	MATERIAL FOR 16A, 32A CONNECTORS	MATERIAL FOR 63A, 125A CONNECTORS
Housing	Nylon	Valox 357
Cover	Nylon	Valox 357
Arm Spring	Stainless Steel	Stainless Steel
Contact Carrier	Nylon	Reinforced Nylon
Internal Cord Clamp	Nylon	Nylon
External Cord Clamp	_____	Valox 357
Grommet	EPDM Rubber	EPDM Rubber (63A), Chloroprene Onion Skin (125A)
Sealing Gasket (125A)	_____	Solid Chloroprene
Cover Eyelet	Nickel Plated Brass	Nickel Plated Brass
External Screws	_____	Acid-Proof Stainless Steel
Terminal Screws	Brass	Brass (63A), Stainless Steel (125A)
Phase, Ground Sleeve	Brass	Brass
Sleeve Spring	Stainless Steel	Stainless Steel
Internal Screws	Zinc-Plated Steel	Zinc-Plated Steel

#### Plugs

PART	MATERIAL FOR 16A, 32A PLUGS	MATERIAL FOR 63A, 125A PLUGS
Housing	Nylon	Valox 357
Contact Carrier	Nylon	Reinforced Nylon
Internal Cord Clamp	Nylon	Nylon
External Cord Clamp	_____	Valox 357
Grommet	EPDM Rubber	EPDM Rubber (63A), Chloroprene Rubber (125A)
Sealing Gasket (125A)	_____	Solid Chloroprene
External Screws	_____	Acid-Proof Stainless Steel
Terminal Screws	Brass	Brass (63A), Stainless Steel (125A)
Phase, Ground Pins	Brass	Brass
Sleeve Spring	Stainless Steel	Stainless Steel
Internal Screws	Zinc-Plated Steel	Zinc-Plated Steel

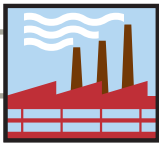
#### Receptacles

PART	MATERIAL FOR 16A, 32A PLUGS	MATERIAL FOR 63A, 125A PLUGS
Housing	Nylon	Valox 357
Cover	Nylon	Valox 357
Mounting Flange	Nylon	_____
Arm Spring	_____	Stainless Steel
Contact Carrier	Nylon	Reinforced Nylon
Sealing Gasket (125A)	_____	Solid Chloroprene
Cover Eyelet	Nickel Plated Brass	Nickel Plated Brass
Terminal Screws	Brass	Brass (63A), Stainless Steel (125A)
Phase, Ground Sleeve	Brass	Brass
Sleeve Spring	Stainless Steel	Stainless Steel

Valox® is a registered trademark of GE.

STANDARDS & CERTIFICATIONS	
Pin & Sleeve: Inlets, Connectors, Plugs, Receptacles	
CE ✓	IEC 309-1 & 309-2 ✓

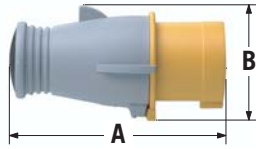
International-Rated Pin & Sleeve Devices



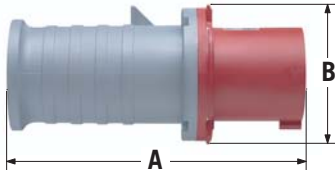
# PLUG & CONNECTOR DIMENSIONS

## Industrial Grade International-Rated Pin & Sleeve Devices

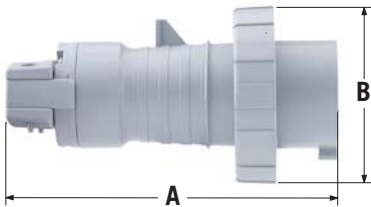
**2 YEAR LIMITED  
WARRANTY**



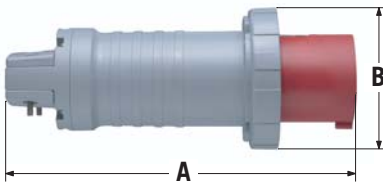
16A, 32A PLUG



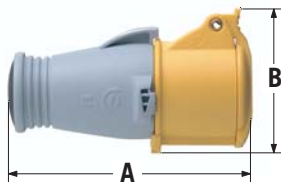
63A PLUG



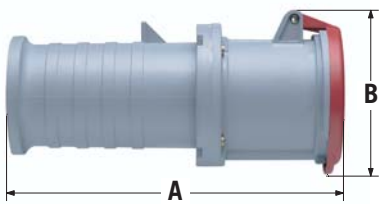
32A PLUG



125A PLUG



16A, 32A CONNECTOR



63A CONNECTOR

### Plug Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
SP316P	16	inch	4.53	2.48	.350 – .860
		mm	115	63	9 – 22
SP416P	16	inch	5.51	2.83	.350 – .860
		mm	140	72	9 – 22
SP516P	16	inch	5.51	2.99	.437 – 1.187
		mm	140	76	11 – 30
SP332P	32	inch	6.14	3.27	.437 – 1.187
		mm	156	83	11 – 30
SP432P	32	inch	6.14	3.27	.437 – 1.187
		mm	156	83	11 – 30
SP532P	32	inch	6.14	3.46	.437 – 1.450
		mm	156	88	11 – 37
SP363P	63	inch	8.46	4.06	.670 – 1.625
		mm	215	103	17 – 41
SP463P	63	inch	8.46	4.06	.670 – 1.625
		mm	215	103	17 – 41
SP563P	63	inch	8.46	4.06	.670 – 1.625
		mm	215	103	17 – 41

### Plug Dimensions

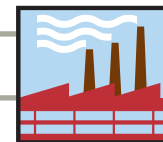
CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
432P3WL	32	inch	5.79	3.70	.437 – 1.450
		mm	147	94	11 – 37
3125P	125	inch	12.32	5.12	.950 – 1.875
		mm	313	130	24 – 48
4125P	125	inch	12.32	5.12	.950 – 1.875
		mm	313	130	24 – 48
5125P	125	inch	12.32	5.12	.950 – 1.875
		mm	313	130	24 – 48

### Connector Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
SP316C	16	inch	4.88	2.95	.350 – .860
		mm	124	75	9 – 22
SP416C	16	inch	5.91	3.45	.350 – .860
		mm	150	85	9 – 22
SP516C	16	inch	5.98	3.50	.437 – 1.187
		mm	152	89	11 – 30
SP332C	32	inch	6.73	3.66	.437 – 1.187
		mm	171	93	11 – 30
SP432C	32	inch	6.73	3.66	.437 – 1.187
		mm	171	93	11 – 30
SP532C	32	inch	6.73	3.89	.437 – 1.450
		mm	171	99	11 – 37
SP363C	63	inch	8.82	4.41	.670 – 1.625
		mm	224	112	17 – 41
SP463C	63	inch	8.82	4.41	.670 – 1.625
		mm	224	112	17 – 41
SP563C	63	inch	8.82	4.41	.670 – 1.625
		mm	224	112	17 – 41

# INLET & RECEPTACLE DIMENSIONS

## Industrial Grade International-Rated Pin & Sleeve Devices



**2 YEAR LIMITED  
WARRANTY**

### Connector Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
432C3WL	32	inch	6.97	4.02	.437 – 1.187
		mm	177	102	11 – 30
3125CW	125	inch	12.80	4.80	.950 – 1.875
		mm	325	122	28 – 48
4125CW	125	inch	12.80	4.80	.950 – 1.875
		mm	325	122	28 – 48
5125CW	125	inch	12.80	4.80	.950 – 1.875
		mm	325	122	28 – 48



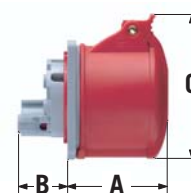
32A CONNECTOR



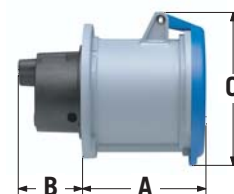
125A CONNECTOR

### Receptacle Dimensions

CATALOG NO.	AMPS	UNIT	A	B	C
SP316R	16	inch	2.20	1.14	2.87
		mm	56	29	73
SP416R	16	inch	2.28	1.18	3.43
		mm	58	30	87
SP516R	16	inch	2.36	1.22	3.50
		mm	60	31	89
SP332R	32	inch	2.76	1.34	3.66
		mm	70	34	93
SP432R	32	inch	2.76	1.34	3.66
		mm	70	34	93
SP532R	32	inch	2.76	1.34	3.90
		mm	71	34	99
SP363R	63	inch	3.43	1.89	4.41
		mm	87	48	112
SP463R	63	inch	3.43	1.89	4.41
		mm	87	48	112
SP563R	63	inch	3.43	1.89	4.41
		mm	87	48	112



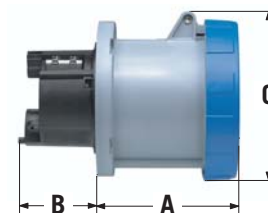
16A, 32A RECEPTACLE



63A RECEPTACLE

### Receptacle Dimensions

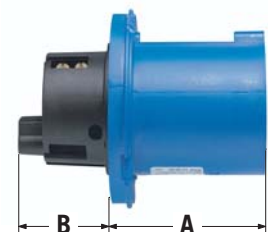
CATALOG NO.	AMPS	UNIT	A	B	C
3125R	125	inch	3.94	2.28	4.80
		mm	100	58	122
4125R	125	inch	3.94	2.28	4.80
		mm	100	58	122
5125R	125	inch	3.94	2.28	4.80
		mm	100	58	122



125A RECEPTACLE

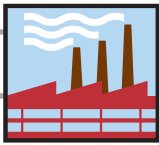
### Inlet Dimensions for International-Rated Watertight devices

CATALOG NO.	AMPS	UNIT	A	B
3125B6W	125	inch	3.50	2.21
		mm	89	56
4125B6W	125	inch	3.50	2.21
		mm	89	56
5125B6W	125	inch	3.50	2.21
		mm	89	56



125A INLET

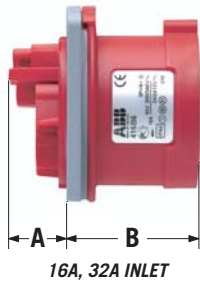
International-Rated Pin & Sleeve Devices



# INLET & RECEPTACLE DIMENSIONS

## Industrial Grade International-Rated Pin & Sleeve Devices

**2 YEAR LIMITED  
WARRANTY**



16A, 32A INLET

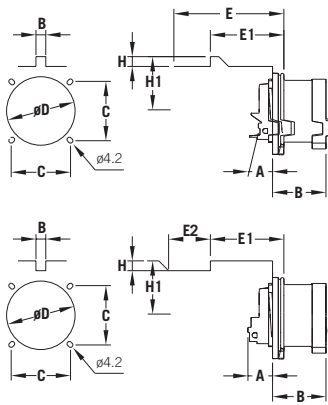


63A INLET

### Inlet Dimensions

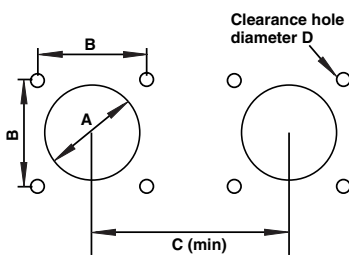
CATALOG NO.	AMPS	UNIT	A	B
SP316B	16	inch	.85	1.83
		mm	21.5	46.5
SP416B	16	inch	.83	1.85
		mm	21	47
SP516B	16	inch	.83	1.83
		mm	21	46.5
SP332B	32	inch	.95	2.19
		mm	24.5	55.5
SP432B	32	inch	.95	2.19
		mm	24.5	55.5
SP532B	32	inch	.98	2.19
		mm	25	55.5
SP363B	63	inch	1.97	3.0
		mm	50	78
SP463B	63	inch	1.97	3.0
		mm	50	78
SP563B	63	inch	1.97	3.0
		mm	50	78

### Inlet Panel Mounting Dimensions



DEVICE SIZE		C	D	E	E1	E2	G	H	H1
SP316B	in	1.73-1.85	1.93	2.95	1.59	0.31	0.35	0.16	1.18
	mm	44-47	49	75	40.5	8	9	4	30
SP416B	in	1.97-2.05	2.32	3.15	1.83	0.31	0.35	0.2	1.34
	mm	50-52	59	80	46.5	8	9	5	34
SP516B	in	1.97-2.05	2.32	3.54	2.07	0.31	0.35	0.27	1.5
	mm	50-52	59	90	52.5	8	9	7	38
SP332B	in	2.36-2.40	2.6	3.54	2.11	0.31	0.35	0.27	1.57
	mm	60-61	66	90	53.5	8	9	7	40
SP432B	in	2.36-2.40	2.6	3.54	2.11	0.31	0.35	0.27	1.57
	mm	60-61	66	90	53.5	8	9	7	40
SP532B	in	2.36-2.40	2.6	4.13	2.34	0.35	0.35	0.31	1.77
	mm	60-61	66	105	59.5	9	9	8	45
SP363B	in	2.40	2.76	4.13	2.32	0.39	0.43	0.35	1.95
	mm	61	70	105	59	10	11	9	49.5
SP463B	in	2.40	2.76	4.13	2.32	0.39	0.43	0.35	1.95
	mm	61	70	105	59	10	11	9	49.5
SP563B	in	2.40	2.76	4.13	2.32	0.39	0.43	0.35	1.95
	mm	61	70	105	59	10	11	9	49.5

### Drilling Plan Inlets & Receptacles

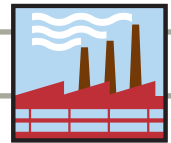


DEVICE SIZE		A		B		C (min)		D	
		inches	mm	inches	mm	inches	mm	inches	mm
16A; 3-wire:	Receptacle	1.93	49	1.73	44	3.35	85	.185	4.7
	Inlet	1.93	49	1.73	44	3.35	85	.185	4.7
16A; 4-wire:	Receptacle	2.32	59	2.05	52	3.94	100	.185	4.7
	Inlet	2.32	59	2.05	52	3.94	100	.185	4.7
16A; 5-wire:	Receptacle	2.32	59	2.05	52	3.94	100	.185	4.7
	Inlet	2.32	59	2.05	52	3.94	100	.185	4.7
32A; 3-wire:	Receptacle	2.60	66	2.40	61	4.53	115	.185	4.7
	Inlet	2.60	66	2.40	61	4.53	115	.185	4.7
32A; 4-wire:	Receptacle	2.60	66	2.40	61	4.53	115	.185	4.7
	Inlet	2.60	66	2.40	61	4.53	115	.185	4.7
32A; 5-wire:	Receptacle	2.60	66	2.40	61	4.53	115	.185	4.7
	Inlet	2.60	66	2.40	61	4.53	115	.185	4.7
63A	All	2.76	70	2.40	61	6.69	170	.185	4.7
125A	All	3.47	88	2.80	71	7.87	200	.280	7.1

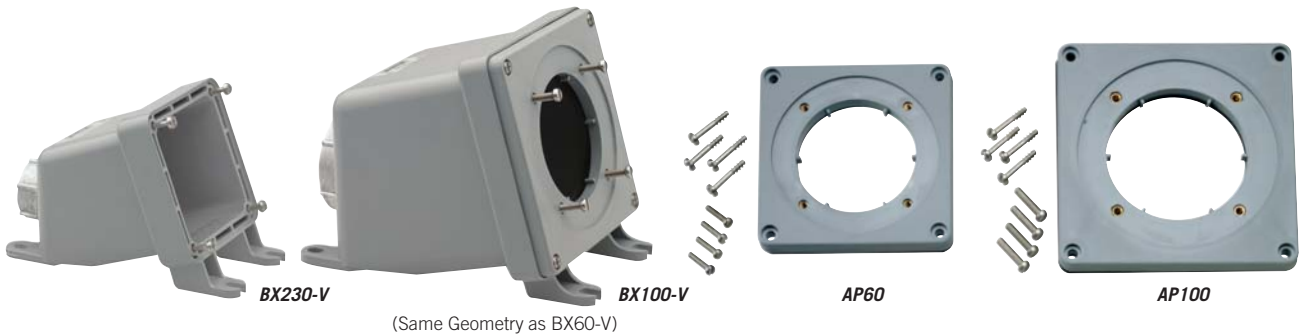


# BACK BOXES & ACCESSORIES

## Industrial Grade Pin & Sleeve Devices



**2 YEAR LIMITED WARRANTY**



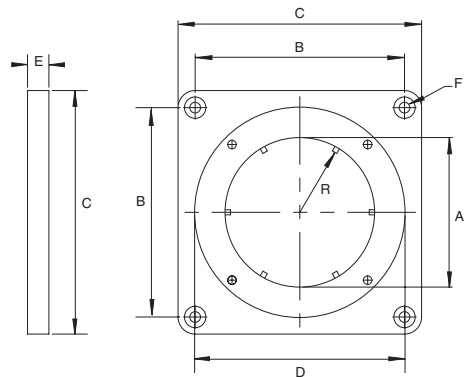
(Same Geometry as BX60-V)

### Valox® Back Boxes for Watertight Inlets & Receptacles

APPLICATION	CATALOG NO.
<b>20 &amp; 30 Amp</b> No Adapter Plate Required	<b>BX230-V</b>
<b>60 Amp</b> Adapter Plate Included	<b>BX60-V</b>
<b>100 Amp</b> Adapter Plate Included	<b>BX100-V</b>

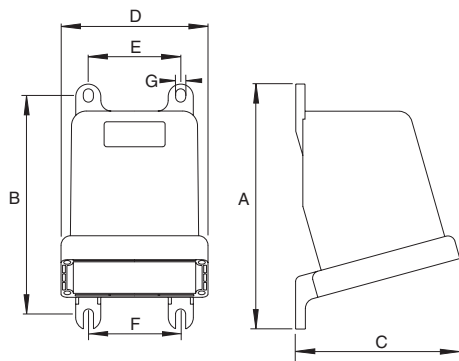
### Replacement Valox® Adapter Plates for Leviton & Hubbell Back Boxes

APPLICATION	CATALOG NO.
<b>60 Amp</b> Watertight Inlets & Receptacles	<b>AP60</b>
<b>100 Amp</b> Watertight Inlets & Receptacles	<b>AP100</b>



### Dimensions for Valox® Adapter Plates

UNIT	A	B	C	D	E	F	R
<b>60 Amp</b>							
inch	2.78	3.86	4.50	3.88	.40	.20	1.28
mm	70	98	114	98.5	10	5	32.5
<b>100 Amp</b>							
inch	3.23	4.88	5.50	4.60	.40	.22	1.50
mm	82	124	140	117	10	5.5	38

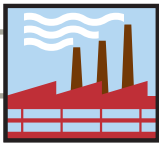


### Dimensions for Valox® Back Boxes

UNIT	A	B	C	D	E	F	G
<b>20 Amp &amp; 30 Amp – 1" Hub</b>							
inch	6.69	5.91	4.53	3.90	2.35	2.35	0.25
mm	170.0	150.0	115.0	99.0	60.0	60.0	6.5
<b>60 Amp – 1 1/2" Hub</b>							
inch	7.68	6.92	5.20	4.65	2.99	2.99	0.31
mm	195.0	176.0	132.0	118.0	76.0	76.0	8.0
<b>100 Amp – 2" Hub</b>							
inch	8.23	7.39	6.30	5.71	3.99	3.33	0.33
mm	209.0	188.0	160.0	145.0	101.0	84.5	8.5

Valox® is a registered trademark of GE.

Pin & Sleeve Devices



## PIN & SLEEVE ACCESSORIES

### Industrial Grade Pin & Sleeve Devices

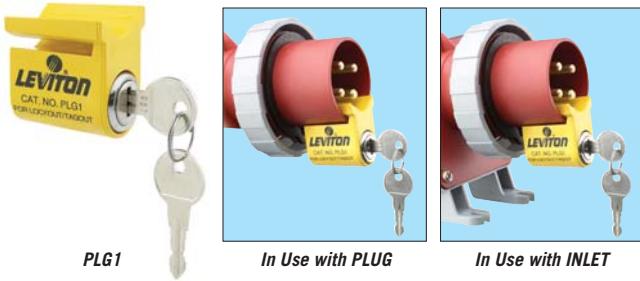


PC420

PC60

PC100

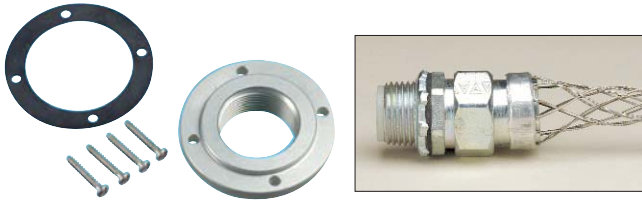
PROTECTIVE CLOSURE CAPS



PLG1

In Use with PLUG

In Use with INLET



SAD125

L7902 STRAIGHT MALE  
LIQUID-TIGHT GRIP

For use with flexible metal conduit.

#### Protective Closure Caps for Plugs and Inlets

APPLICATION NORTH AMERICAN	APPLICATION INTERNATIONAL	WATERTIGHT CATALOG NO.
20 Amp, 3-Wire	16 Amp, 3-Wire	PC320
20 Amp, 4-Wire	16 Amp, 4-Wire	PC420
20 Amp, 5-Wire	16 Amp, 5-Wire	PC520
30 Amp, 3-, 4-Wire	32 Amp, 3-, 4-Wire	PC3430
30 Amp, 5-Wire	32 Amp, 5-Wire	PC530
All 60 Amp	All 63 Amp	PC60
All 100 Amp	All 125 Amp	PC100

#### Lockout/Tagout for Pin and Sleeve Devices

APPLICATION	CATALOG NUMBER WATERTIGHT & SPLASHPROOF
Can be used for any IEC 309-1 and 309-2 pin and sleeve plugs or inlets	PLG1

#### Liquid-Tight Adapters

APPLICATION	LIQUID-TIGHT CATALOG NO.	ADAPTER CATALOG NO.	STRAIGHT MALE FITTING CATALOG NO.
20 Amp, 3-, 4-Wire	1/2" NPT	SAA12	L7902
20 Amp, 5 Wire	1/2" NPT	SAB12	L7902
30 Amp, 3-, 4-Wire	3/4" NPT	SAB34	L7903
30 Amp, 5 Wire	3/4" NPT	SAC34	L7903
30 Amp, 5 Wire	1" NPT	SAC100	L7904
60 Amp, All	1 1/4" NPT	SAC125	L7905
100 Amp, All	1 1/4" NPT	SAD125	L7905

#### Replacement Watertight Closure Cover Kit for Connectors and Receptacles

APPLICATION	CATALOG NUMBER
20 Amp, 3-Wire	CA320
20 Amp, 4-Wire	CA420
20 Amp, 5-Wire	CA520
30 Amp, 3-, 4-Wire	CA343
30 Amp, 5-Wire	CA530
All 60 Amp	CA060
All 100 Amp	CA100

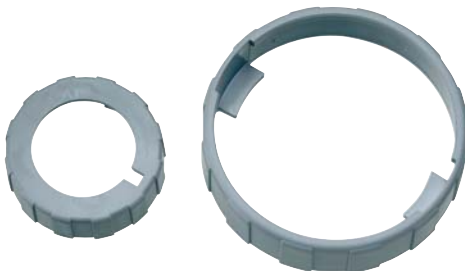


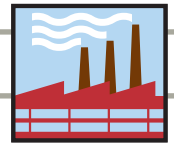
CA520

CA100

#### Replacement Watertight Locking Ring for Plugs and Inlets

APPLICATION	CATALOG NUMBER
20 Amp, 3-wire	RA320
20 Amp, 4-wire	RA420
20 Amp, 5-wire	RA520
30 Amp, 3-, 4-wire	RA343
30 Amp, 5-wire	RA530
All 60 Amp	RA060
All 100 Amp	RA100





Industrial Grade Pin & Sleeve Devices

**Making the Right Connection is as Easy as Matching Colors and Telling Time!**

Leviton's pin and sleeve devices are easy to use. Matching amperage and voltage requirements is literally as easy as matching colors and telling time.

The amperage rating is related to the size of the device; devices of the same amperage are the same size.

The voltage rating is related to the location of the ground sleeve on the female device and the number of conductors. This location is based on a clock face with the key-way at the 6 o'clock position.

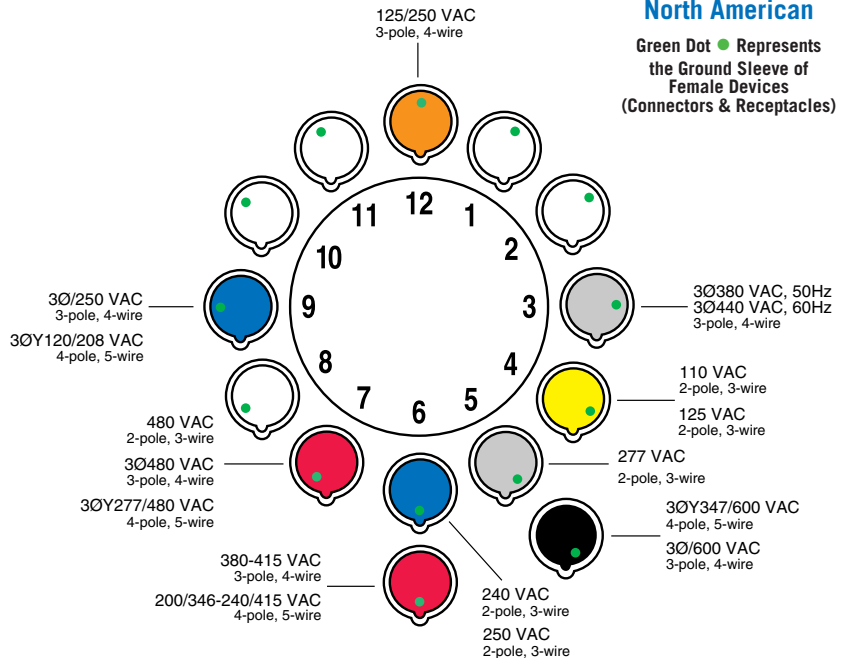
The ground sleeve is positioned at a specific hour location, depending on the device's voltage rating.

The clock position for plugs and inlets is a mirror image of the position for matching connectors and receptacles.

For quick visual identification, voltage ratings are also color-coded and the housings of interconnecting units are always the same color. All 125VAC devices are yellow; 250VAC are blue, etc. Matching up interconnecting devices is as easy as matching colors.

**North American**

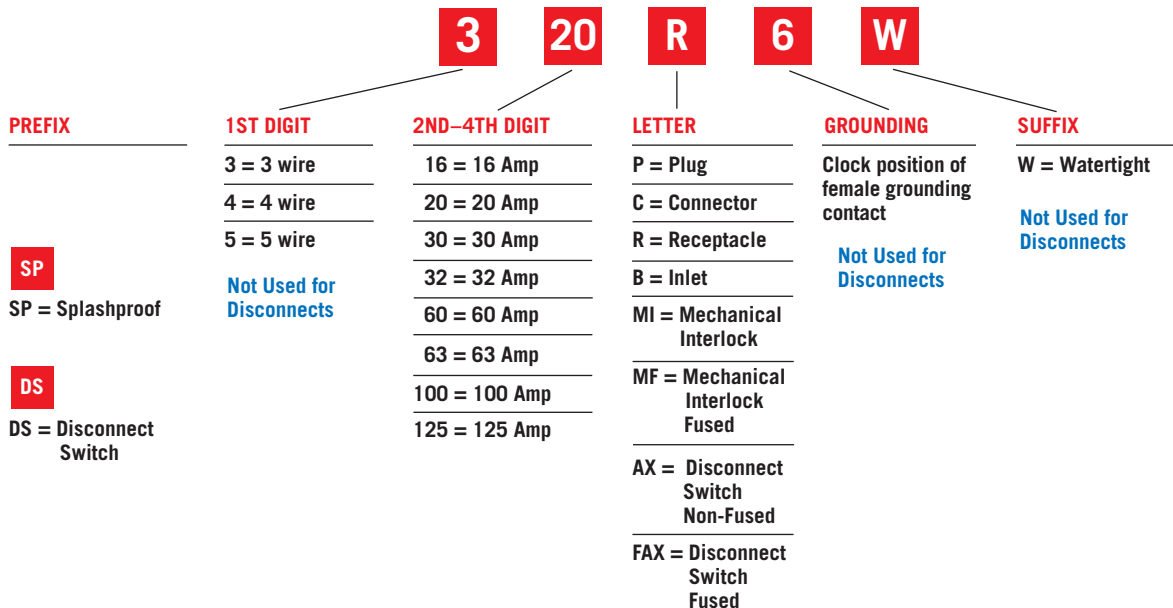
Green Dot ● Represents the Ground Sleeve of Female Devices (Connectors & Receptacles)

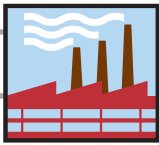


Rated Voltage	Color
110V-130V	Yellow
125V-250V	Orange
200V-250V	Blue
277V, 380V, 440V	Grey
346V-480V	Red
500V and above	Black

**Catalog Numbering System**

Leviton's catalog numbering system is easy to use. Each letter or number provides a description of the product. Simply follow the six-part code below, made up of letters and numbers. Each catalog number contains the number of conductors, amperage rating, device type, clock position of the ground sleeve, and environmental rating. For example, the catalog number below refers to a 3-wire, 20 amp receptacle with a grounding sleeve located at the 6 o'clock position and an environmental classification of watertight.





## SAFETY DISCONNECT SWITCH FEATURES

### Industrial Grade Watertight Safety Disconnect Switches UL 98 & UL 508 Listed, CUL per CSA Specification, C22.2 No. 14 Certified

**2 YEAR LIMITED  
WARRANTY**

Liquid-tight conduit fitting can be installed for top or bottom feed

One fitting supplied:

- 30 Amp – 3/4"
- 60 Amp – 1 1/4"
- 100 Amp – 1 1/2"

Stainless steel screws are captive and will not fall out when cover is opened

Impact UV and chemical-resistant Valox enclosure rated to UL and IEC watertight standards

- Type 3R, 4X & 12K
- IP67

**Fused Models Accept  
"Class J" Time-Delay Fuses**

Pre-wired grounding plates (top and bottom of enclosure) connect to metal conduit grounding system

Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover

Rugged hinge mechanism pivots 180° for easy access during installation and maintenance

Red "pistol grip" handle provides visual confirmation of switch's status

Integrated lockout handle meets OSHA safety regulations

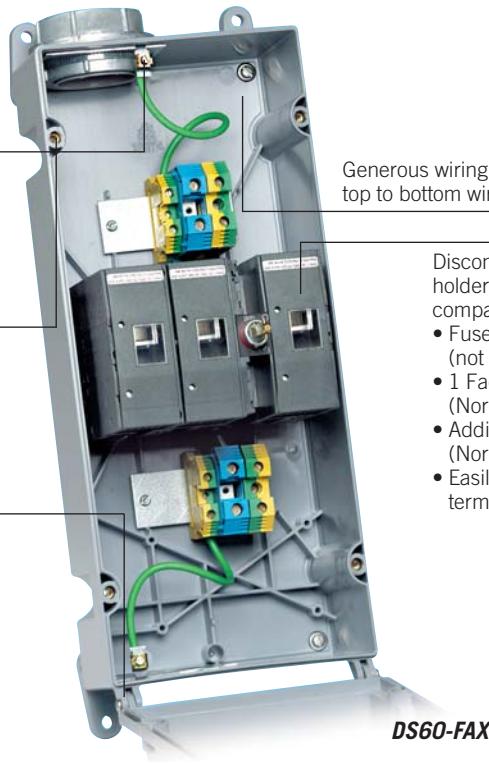
**Watertight Safety Disconnect Switches Include —  
30 Amp Fused, 60 & 100 Amp (Fused & Non-Fused)**

**Meets 2002 NEC® Requirements  
430.102 (A) and 430.102 (B)**

Circuit identification pad for means of identifying specific equipment loads



**DS60-FAX**



Generous wiring space for top to bottom wiring

Disconnect switch with integrated fuse holder offers proven performance in a compact package

- Fused cartridges accept "Class J" fuses (not included)
- 1 Factory installed Auxiliary Contact (Normally Open – 10 Amp)
- Additional Auxiliary Contact Available (Normally Closed – 10 Amp)
- Easily accessible neutral and ground terminal blocks



Handle with padlock installed



**DS60-FAX**

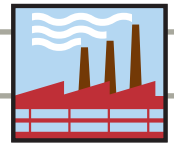
#### STANDARDS & CERTIFICATIONS

##### Safety Disconnect Switches

UL 98 Fused (Including 100A Non-Fused - DS)	UL 508 Non-Fused	CSA C22.2 No. 14	NOM	CE	IEC 947-3
E63969		✓	✓	✓	✓



30 AMP • 60 AMP • 100 AMP



Industrial Grade Watertight Safety Disconnect Switches



Engineered to UL & IEC Watertight Standards



DS30-AX  
Engineered to IP65  
Water Jetting Standards



DS60-FAX  
(Fused)



DS100-AX  
(Non-Fused)

2 YEAR LIMITED WARRANTY

Ordering Information

AMPS	MAX VOLTAGE	CATALOG NO.	
		NON-FUSED	FUSED
30	600V AC	DS30-AX	DS30-FAX
60	600V AC	DS60-AX	DS60-FAX
100	600V AC	DS100-AX	

ELECTRICAL				MECHANICAL		ENVIRONMENTAL		
Ground Path Integrity	Device	Current Applied	Duration	Mold Stress Relief	70°C for 7 hours	Flammability	V2 or better per UL 94 or CSA 22.2 No 0.6; V-0 for watertight enclosure	
	30 A	60 A	2 min	Knockout Test	Remains in place with 20 lb push		Rain (3R) per UL 50	Water spray @ 5 psi from all sides for 1 hr
	60 A	120 A	4 min	Crush	100 lb		Hosedown (4X) per UL 50	Water spray @ 65 gal/min for 5 minutes
Current Interrupting	Certified for current interrupting at full-rated current and voltage			Impact	1.2 lb steel ball dropped from 5 ft	Dust (12K) per UL 50	Cement Dust Circulated @ 1000 ft/minute for 5 minutes	
	Endurance	6000 operations at rated current and voltage (Power factor 0.75 – 0.80)			Cold Impact		Same as above, after conditioning to -35°C	Gasket Aging
Dielectric		1000 V plus twice rated voltage for 1 minute			Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws	UV Resistance	Exposed plastic materials are UV stabilized
					Pullout	18 lb pull on internal wires	Operating Temperature	-40°C to +60°C (-40°F to +140°F)

VOLTS	MAX. HP RATINGS PER UL508 NON-FUSED SAFETY DISCONNECT SWITCHES		
	DS30-AX	DS60-AX	DS100-AX
120V AC	1	2	5
208V AC	5	20	25
240V AC	2.5	10	15
480V AC	5	20	25
600V AC	NA	20	20
3Ø Y 120/208V AC	5	20	25
3Ø 240V AC	5	20	30
3Ø 480V AC	15	40	50
3Ø 600V AC	15	40	50

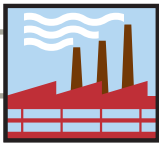
VOLTS	MAX. HP RATINGS PER UL508 FUSED SAFETY DISCONNECT SWITCHES	
	DS30-FAX	DS60-FAX
120V AC	2	NR
208V AC	7.5	15
240V AC	3	NR
480V AC	15	NR
600V AC	20	NR
3Ø Y 120/208V AC	7.5	15
3Ø 240V AC	7.5	15
3Ø 480V AC	15	30
3Ø 600V AC	20	50

NR = Not Rated NA = Not Available

For answers to technical questions, call Leviton's Techline at 1-800-824-3005



Watertight Safety Disconnect Switches



## TECHNICAL INFORMATION

# Industrial Grade Watertight Safety Disconnect Switches

UL 98 & UL 508 Listed, CUL per CSA Specification, C22.2 No. 14 Certified



Engineered to IP67  
Watertight Standards

**2 YEAR LIMITED  
WARRANTY**



Watertight Safety Disconnect Switches

- Heavy Duty Safety Disconnects
- Enclosures are TYPE 3R, 4X & 12K, IP67\*
- Listed to UL 508 for Non-Fused and UL 98 for Fused\*
- Certified to CSA Standard C22.2 number 14
- Classified to IEC Standard 947-3
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC

### Material Specifications

#### 30 Amp Switch, Non-Fused

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Screw handle	Stainless Steel
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub	Die-Cast Zinc
Switch	Nylon
Switch Terminal Contacts	Brass
Switch Contacts	Cadmium-Free Silver Alloy
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel
Mounting Feet	Valox 357
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon

#### 60 & 100 Amp Switch, Non-Fused

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Screw handle	Stainless Steel
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub	Die-Cast Zinc
Switch	Reinforced Nylon
Switch Terminal Contacts	Brass
Switch Contacts	Cadmium-Free Silver Alloy
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel
Hinge Screws	Stainless Steel
Mounting Feet	Valox 357
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon

#### 30 & 60 Amp Switch, Fused

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Screw handle	Stainless Steel
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub	Die-Cast Zinc
Switch	Reinforced Nylon
Switch Terminal Contacts	Brass
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel
Hinge Screws	Stainless Steel
Fuse Holder	Reinforced Nylon
Mounting Feet	Valox 357
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon

### STANDARDS & CERTIFICATIONS

#### Safety Disconnect Switches

UL 98 Fused	UL 508 Non-Fused	CSA C22.2 No.14	NOM	CE	IEC 947-3
✓	✓	✓	✓	✓	✓

Valox® is a registered trademark of GE.

#### \*IP Ratings & UL Standards

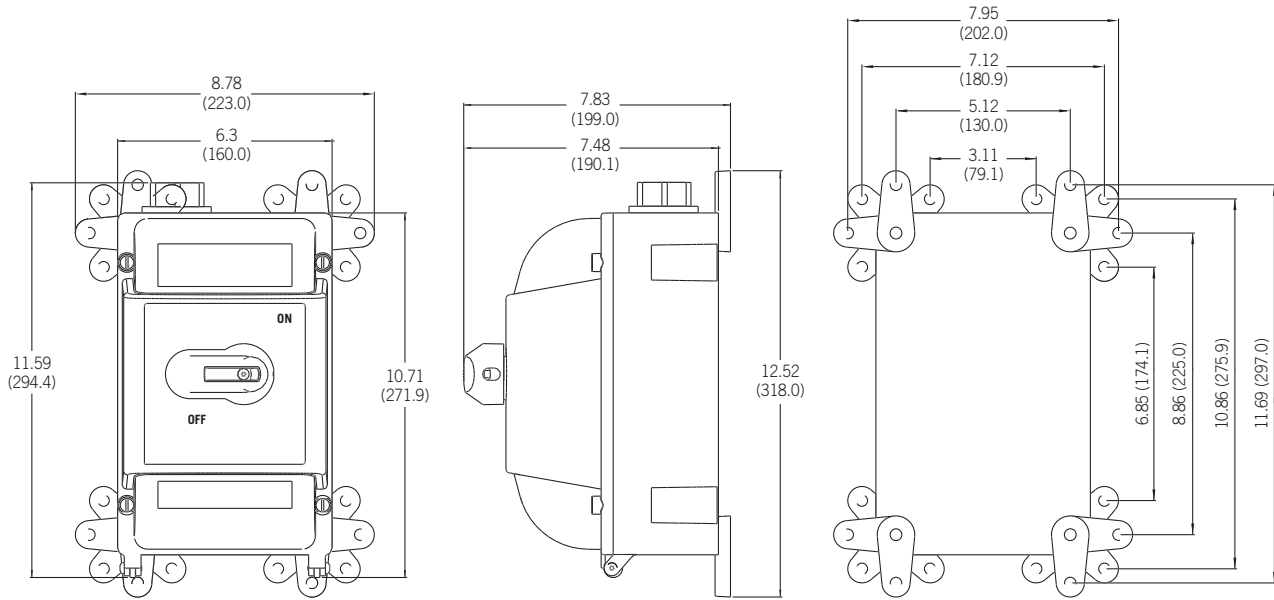
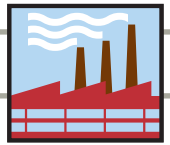
CATALOG NO.	IP RATING	UL STANDARD
DS30-AX	IP65	UL508
DS60-AX	IP67	UL508
DS100-AX	IP67	UL98
DS30-FAX	IP67	UL98
DS60-FAX	IP67	UL98

### SWITCHING MECHANISM TYPE

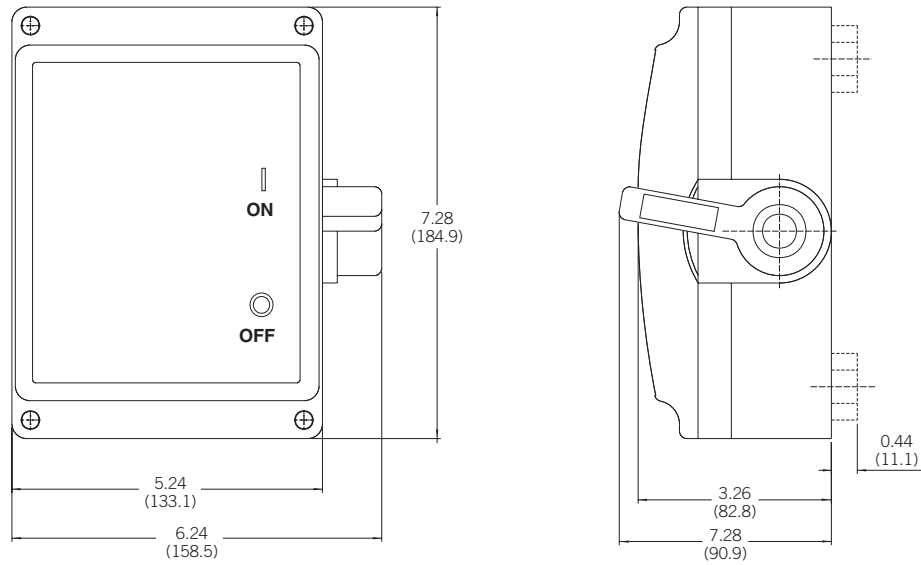
NON-FUSED	SWITCHING	FUSED	SWITCHING
DS30-AX	Rotary	DS30-FAX	Knife
DS60-AX	Rotary	DS60-FAX	Knife
DS100-AX	Knife	—	—

# SAFETY DISCONNECT SWITCH DIMENSIONS

## Industrial Grade Watertight Safety Disconnect Switches

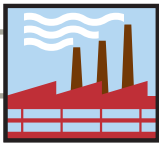


**30 AMP FUSED & 60 AMP NON-FUSED**



**30 AMP NON-FUSED**

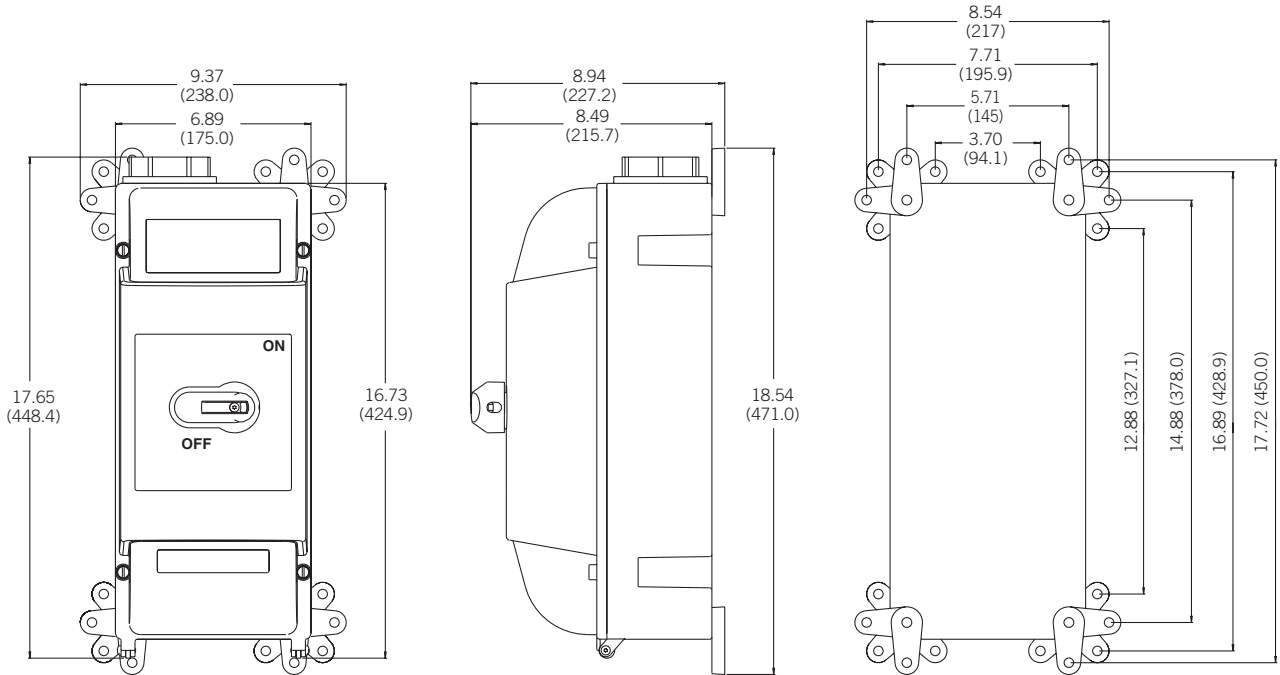
Watertight Safety Disconnect Switches



# SAFETY DISCONNECT SWITCH DIMENSIONS

## Industrial Grade Watertight Safety Disconnect Switches

**2 YEAR LIMITED  
WARRANTY**



**60 AMP FUSED & 100 AMP NON-FUSED**

### Accessories for Safety Disconnect Switches & Mechanical Interlocks



AU30F



AU30N

#### Auxiliary Contacts (Normally Closed – 10 Amp)

- Leviton Mechanical Interlocks and Disconnect Switches automatically ship with one factory installed auxiliary contact, normally open.
- A second auxiliary contact may be added. Select from the table below.

APPLICATION	CATALOG NO.
30 Amp Device (Non-Fused)	AU30-N
30 Amp Device (Fused)	AU30-F
60 & 100 Amp Device (Fused or Non-Fused)	AU61-NF



# Single Pole Cam-Type Connectors and Stage Pin Devices

## INDEX

### Cam Connectors and Stage Pin Devices for Commercial and Industrial Applications

Stage Pin Devices—Overview, and Benefits	P2
20, 60 and 100 AMP Stage Pin Devices	P3
Cam Connectors—Overview, and Benefits	P4, P5
Ampacity Chart	P6
Up to 140 AMP	
15 Series—Taper Nose	P7
Up to 300 AMP	
16 Series—Taper Nose	P8-P10
18 Series—Ball Nose	P11
Up to 400 AMP	
16 Series—Taper Nose	P9, P10
18 Series—Ball Nose	P11-P13
Up to 690 AMP	
17 Series—Taper Nose	P14
19 Series—Ball Nose	P15
22 Series—Latching Ball Nose	P16
23 Series—Latching Taper Nose	P17
Product Accessories	P18
Stage Pin Dimensioned Drawings	P19-20
Cam Connector Dimensioned Drawings	P21-26



# STAGE PIN DEVICE FEATURES

## Commercial Grade Stage Pin Devices

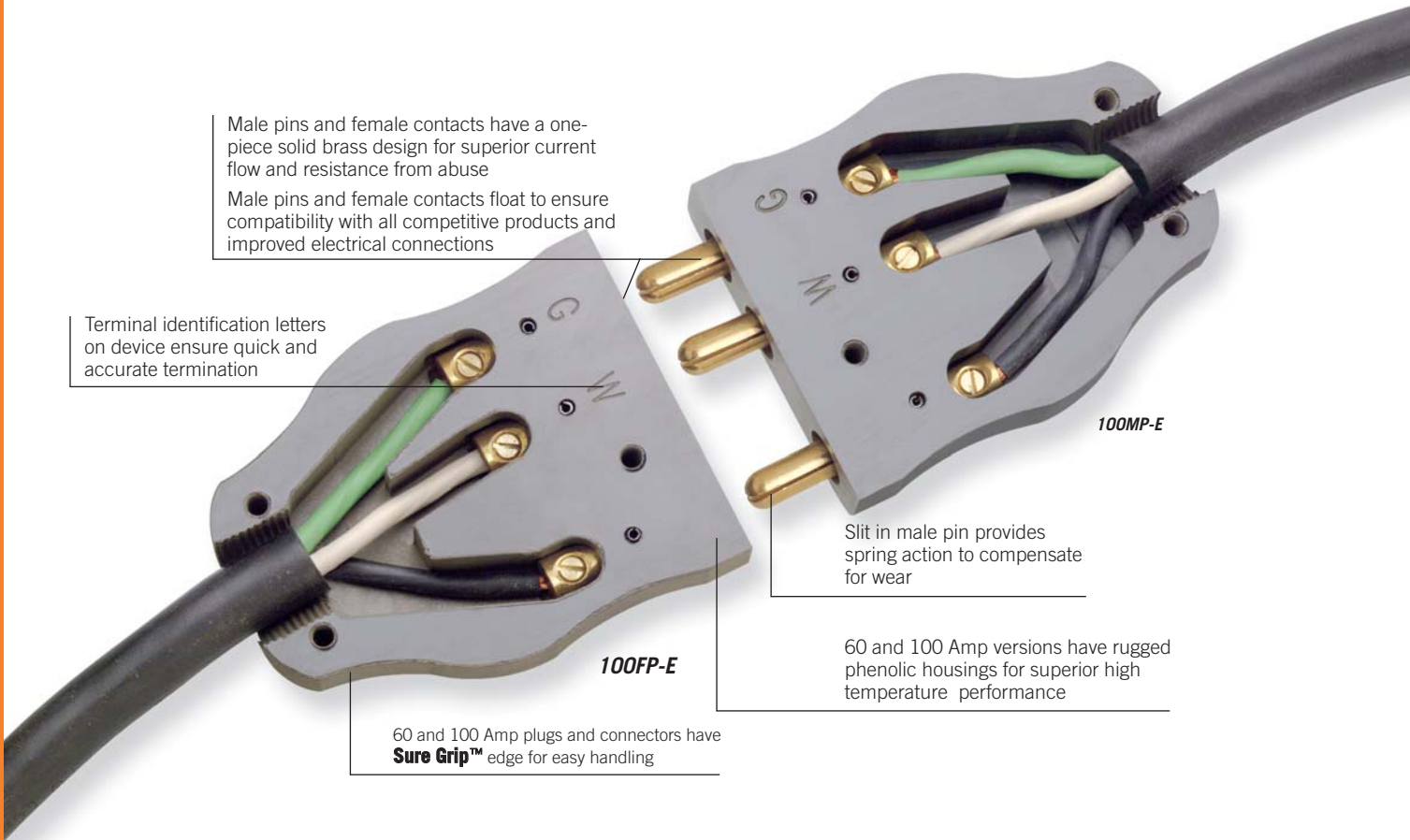
Stage Pin Devices — Conforms to USITT (United States Institute for Theater Technology) S3 Standard for Stage Pin Connectors

Stage Pin Devices



Male pins and female contacts have a one-piece solid brass design for superior current flow and resistance from abuse  
Male pins and female contacts float to ensure compatibility with all competitive products and improved electrical connections

Terminal identification letters on device ensure quick and accurate termination



100MP-E

Slit in male pin provides spring action to compensate for wear

60 and 100 Amp versions have rugged phenolic housings for superior high temperature performance

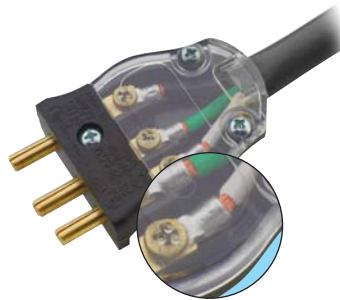
100FP-E

60 and 100 Amp plugs and connectors have **Sure Grip™** edge for easy handling

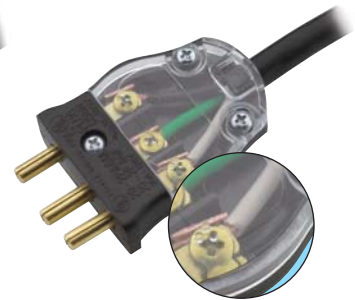
20MP-CL



20 Amp version is available with a clear cover to allow for visual inspection of proper termination of conductors. Other colors available include white, blue, green, yellow, red and orange. Consult factory for availability.



Male Plug, Crimp Terminal



Male Plug, Pressure Plate Terminal



20, 60 and 100 AMP 125V Stage Pin Devices

20A 125V, 2-P 3-W, Grounding

DESCRIPTION	CATALOG NO.	COLOR*
Male Plug-Pressure Plate Terminal	20MP-E	Black
Male Plug-Pressure Plate Terminal	20MP-CL	Black w/ Clear Cover
Male Plug-Crimp Terminal	20MC-E	Black
Male Plug-Crimp Terminal	20MC-CL	Black w/ Clear Cover
Female Connector-Pressure Plate Terminal	20FP-E	Black
Female Connector-Pressure Plate Terminal	20FP-CL	Black w/ Clear Cover
Female Connector-Crimp Terminal	20FC-E	Black
Female Connector-Crimp Terminal	20FC-CL	Black w/ Clear Cover
Panel Mount Male Inlet-Set Screw Terminal, Snap-In Mounting†	20IS-E	Black
Panel Mount Female Receptacle-Screw Terminal, Snap-In Mounting†	20RS-E	Black



20MP-CL



20FP-CL

60A 125V, 2-P 3-W, Grounding

Male Plug-Set Screw Terminal	60MP-E	Black
Female Connector-Set Screw Terminal	60FP-E	Black
Panel Mount Female Receptacle-Set Screw Terminal, Snap-In Mounting†	60RS-E	Black
Panel Mount Female Receptacle-Set Screw Terminal, Bolt-On Mounting†	60RB-E	Black
Panel Mount Male Inlet-Set Screw Terminal, Snap-In Mounting†	60IS-E	Black
Panel Mount Male Inlet-Set Screw Terminal, Bolt-On Mounting†	60IB-E	Black



60MP-E



60FP-E

100A 125V, 2-P 3-W, Grounding

Male Plug-Set Screw Terminal	100MP-E	Black
Female Connector-Set Screw Terminal	100FP-E	Black
Panel Mount Female Receptacle-Set Screw Terminal, Bolt-On Mounting†	100RB-E	Black
Panel Mount Male Inlet-Set Screw Terminal, Bolt-On Mounting†	100IB-E	Black



100MP-E



100FP-E

\*For 20 Amp male plugs and female connectors, other cover colors are available in white, blue, green, yellow, red and orange. Consult factory for availability.

†SEE PAGE P19 and P20 FOR DIMENSIONED DRAWINGS

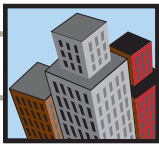


Male Panel Mount, Bolt-On



Female Panel Mount, Snap-In





## SINGLE POLE CAM-TYPE CONNECTOR FEATURES

### Commercial & Industrial Grade Single Pole Cam-Type Connectors

#### Cam Connectors for Commercial and Industrial Use

Leviton offers a wide variety of single pin cam-type cable connectors and panel mount receptacles that supply temporary electrical power distribution for multiple indoor and outdoor applications. The heavy-duty connectors are the standard for the following markets:

- **Entertainment and Movie Industry**
- **Concerts and Theme Parks**
- **Carnival Equipment**
- **Conventions.**

**Other applications include:**

- **Motor and Generator Splices**
- **Mining and Construction Sites**
- **Commercial and Navy Shipbuilding & Repair**
- **Other temporary power applications.**

Leviton manufactures the highest quality single pin connectors available. Our connectors are completely compatible with competitive cam-type products and can be retrofitted to existing locations and power distribution systems. We offer a variety of quick connect/disconnect connectors for various amperage ratings in a multitude of cable sizes. Connectors are available in two styles:

- *Field detachable*
- *Vulcanized*

We also offer ball nose and taper nose configurations.

#### Quality Product and Diversification

In addition to high product quality comes diversity when doing business with Leviton. Leviton offers many varieties of entertainment cable and the ability to produce specialty cord sets for the entertainment/power distribution marketplace.

#### Leviton Cam-Type Connectors

##### Features and Benefits

- Intermateable and compatible with competitive cam-type products—can be retrofitted to existing locations and power distribution systems
- Locking and reinforcing ring won't melt, break or crack
- Shatter and crack proof—high durometer thermoplastic elastomer (TPE) or neoprene rubber
- Color-coded insulating sleeves—fast and easy phase identification
- Prevents arcing or burning—no movement of contact surfaces
- Self compensating for wear—slit and cam in male contact provides spring action for longer usage
- Quick connect/disconnect—twist and pull provided by double cam male and cam button in female
- High conductivity—positive, vibration-proof connection provided by double cam design
- Wide range of applications—usable with a wide range of cable and amperage ratings
- Meets NEC Code, UL Listed and CSA Certified. NEMA 3R-Rated for use in outside locations

##### Experience the Difference

*Our cam-type connectors are designed for easy assembly and disassembly without special tools. An insulated screw is used to tightly secure the contact inside the insulating sleeve, making assembly, disassembly and field repairs effortless. The connectors use plastic locking and reinforcement rings molded into insulating sleeves and receptacles. Under severe stress and load conditions, plastic locking and reinforcement rings will not melt, break or crack. Other quality differences include:*

- Reusable sleeves and contacts
- Preservation of cable length
- Snug fit due to Helox shape of connection as well as cable cutoffs that accommodate a wide range of cable sizes
- Hard thermoplastic elastomer screw head provides strength and durability
- Collar around port provides protection for insulated screw
- Quick check for cable-to-contact connection

# SINGLE POLE CAM-TYPE CONNECTOR FEATURES

## Commercial Grade Single Pole Cam-Type Connectors



16/18 Series double-set screw with copper wire strain relief

High conductivity—positive, vibration-proof connection provided by double cam design

Collar around port provides protection for insulated screw

Shatter and crack proof—high durometer thermoplastic elastomer (TPE)

Self compensating for wear—slit and cam in male contact provides spring action for longer usage

Hard thermoplastic screw head provides strength and durability

Intermateable and compatible with competitive cam-type products—can be retrofitted to existing locations and power distribution systems

Color-coded insulating sleeves for easy phase identification

16D26-R

16D35-E

16D26-E

### 15, 16, 18 Series Connectors

COMPONENT	DESCRIPTION
Sleeve	Santoprene
Contact	Brass
Strain Relief	Copper Wire

Single Pole Cam-Type Connectors





# SINGLE POLE CAM-TYPE AMPACITY CHART

## Commercial & Industrial Grade Single Pole Cam-Type Connectors

### Ampacity Chart

CABLE SIZE	MAXIMUM ALLOWABLE AMPACITIES		
	60°C (140°F) CABLE	75°C (167°F) CABLE	90°C (194°F) CABLE
#8	60	70	80
#6	80	95	105
#4	105	125	140
#3	120	145	165
#2	140	170	190
#1	165	195	220
1/0	195	230	260
2/0	225	265	300
3/0	260	310	350
4/0	300	360	400
250MCM	340	405	455
300MCM	375	445	505
350MCM	420	505	570
400MCM	455	545	615
500MCM	515	620	690

# 15 SERIES—TAPER NOSE—UP TO 140 AMP

## Commercial Grade Single Pole Cam-Type Connectors



### 15 Series—Taper Nose—Up to 140 AMP, 600V

Refer to Ampacity Chart for all cable sizes on page P6

#### Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#6-#4	15D21-S*	15D21-SC	15SDM-S*	Single Set Screw
#6-#4	15D23-S*†	15D23-SC	15SDM-S*	Crimped

#### Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#6-#4	15D22-S*	15D22-SC	15SDF-S*	Single Set Screw
#6-#4	15D24-S*†	15D24-SC	15SDF-S*	Crimped

#### Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#8	15D25-S*	15D26-SC	15SDM-S*	Crimped

#### Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#8	15D26-S*	15D26-SC	15SDF-S*	Crimped

#### Protective Caps for All 15 Series Insulators

STYLE	CAT NO.	STYLE	CAT NO.
Male	15P21-E	Female	15P22-E

#### Male Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE
#8-#4	15R21*†	Threaded Stud

#### Female Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE
#8-#4	15R22*†	Threaded Stud

#### Multi-Way Connectors

STYLE	DESCRIPTION	CAT NO.
Paralleling Tee	Female-Male-Male	15A21††
Tapping Tee	Female-Female-Male	15A22††
Double Female	Female-Female	15A23††

#### SEE PAGE P21 FOR DIMENSIONED DRAWINGS

† Available in Tour Grade (-T), Green (-G). Nickel Plated contact.



#### COLOR



\* For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B), Green (-G), Yellow (-Y), Orange (-O) and Brown (-H).

†† For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B) and Green (-G).

#### SPECIFICATIONS AND FEATURES

- The 15 Series Taper Nose mini-cam plugs, receptacles and connectors are tough and reliable. Primary applications include carnivals and theme parks, as well as the entertainment industry

#### TESTING AND CODE COMPLIANCE

- UL Listed E-13399
- NEMA 3R-Rated for use in outside locations
- CSA Certified 152105

Single Pole Cam-Type Connectors



# 16 SERIES—TAPER NOSE—UP TO 300 AMP

## Commercial Grade Single Pole Cam-Type Connectors



16D22-E



16D25-R



16D31-O



16D35-Y



16V22-B



16V27-G

### 16 Series—Taper Nose—Up to 300 AMP, 600V

Refer to Ampacity Chart for all cable sizes on page P6

#### Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#2-2/0	16D21*	16D21-C	16SDM-22*	Single Set Screw
#2-2/0	16D22*	16D22-C	16SDM-22*	Double Set Screw
#2-#1	16D25*	16D25-C	16SDM-22*	Crimped
1/0-2/0	16D26*	16D26-C	16SDM-22*	Crimped
1/0-2/0 Heavy Duty	16D27*	16D27-C	16SDM-HD*	Crimped

#### Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#2-2/0	16D29*	16D29-C	16SDF-22*	Single Set Screw
#2-2/0	16D31*	16D31-C	16SDF-22*	Double Set Screw
#2-#1	16D34*	16D34-C	16SDF-22*	Crimped
1/0-2/0	16D35*	16D35-C	16SDF-22*	Crimped
1/0-2/0 Heavy Duty	16D36*	16D36-C	16SDF-HD*	Crimped

#### Male Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#2-#1	16V21*	16V21-C	16SVM-21*	Crimped
1/0-2/0	16V22*†	16V22-C	16SVM-12*	Crimped
1/0-2/0 Heavy Duty	16V23*	16V23-C	16SVM-HD*	Crimped

#### Female Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#2-#1	16V25*	16V25-C	16SVF-21*	Crimped
1/0-2/0	16V26*†	16V26-C	16SVF-12*	Crimped
1/0-2/0 Heavy Duty	16V27*	16V27-C	16SVF-HD*	Crimped

SEE PAGE P21 and P22 FOR DIMENSIONED DRAWINGS

†Available in Tour Grade (-T), Green (-G). Nickel Plated contact.

#### COLOR



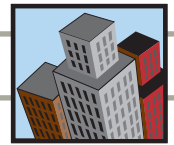
\*For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B), Green (-G), Yellow (-Y), Orange (-O) and Brown (-H).

#### SPECIFICATIONS AND FEATURES

- Leviton 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.
- UL Listed E-13399
- CSA Certified 152105, all detachable plugs except single set screws.

# 16 SERIES—TAPER NOSE—UP TO 400 AMP

## Commercial Grade Single Pole Cam-Type Connectors



### 16 Series—Taper Nose—Up to 400 AMP, 600V

Refer to Ampacity Chart for all cable sizes on page P6

#### Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
1/0–4/0	16D23*	16D23-C	16SDM-14*	Single Set Screw
1/0–4/0	16D24*	16D24-C	16SDM-14*	Double Set Screw
3/0–4/0	16D28*	16D28-C	16SDM-14*	Crimped

#### Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
1/0–4/0	16D32*	16D32-C	16SDF-14*	Single Set Screw
1/0–4/0	16D33*	16D33-C	16SDF-22*	Double Set Screw
3/0–4/0	16D37*	16D37-C	16SDF-22*	Crimped

#### Male Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
3/0–4/0	16V24*†	16V24-C	16SVM-34*	Crimped

#### Female Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
3/0–4/0	16V28*†	16V28-C	16SVF-34*	Crimped

#### Protective Caps for All 16 Series Insulators

STYLE	CAT NO.	STYLE	CAT NO.
Male	16P21*	Female	16P22*

SEE PAGE P21 and P22 FOR DIMENSIONED DRAWINGS

†Available in Tour Grade (-T), Black (-E), White (-W), Red (-R) and Blue (-B). Nickel Plated contact.



16D23-B



16D24-Y



16D32-W



16D33-O



16V24-Y



16V28-E



16P22-E

#### COLOR



Black (-E) White (-W) Red (-R) Blue (-B) Green (-G) Yellow (-Y) Orange (-O) Brown (-H)

\*For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B), Green (-G), Yellow (-Y), Orange (-O) and Brown (-H).

#### SPECIFICATIONS AND FEATURES

- Leviton 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.
- UL Listed E-13399
- CSA Certified 152105, all detachable plugs except single set screws.

Single Pole Cam-Type Connectors





# 16 SERIES—TAPER NOSE—UP TO 400 AMP

## Commercial Grade Single Pole Cam-Type Connectors

### 16 Series—Taper Nose—Up to 400 AMP, 600V

Refer to Ampacity Chart for all cable sizes on page P6

#### Male Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE
1/0–4/0	16R21*	Double Set Screw
#2–4/0	16R23*†	Threaded Stud**

#### Female Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE
1/0–4/0	16R22*	Double Set Screw
#2–4/0	16R24*†	Threaded Stud**

#### Female Panel Receptacles – with Micro Switch

CABLE SIZE	CAT NO.	TERMINATION TYPE
#2–4/0	16RSW††	Threaded Stud

#### Snap Back Cover for Male and Female Panel Receptacle

CAT NO.
16S21*

#### Female Terminal Connector

CABLE SIZE	CAT NO.	TERMINATION TYPE
#2–4/0	16F21*	Angled
#2–4/0	16F22*	Offset

#### Multi-Way Connectors

STYLE	DESCRIPTION	CAT NO.
Paralleling Tee	Female-Male-Male	16A21*
Tapping Tee	Female-Female-Male	16A22*
3-Fer	Male-Female-Female-Female	16A23*
Reverse 3-Fer	Female-Male-Male-Male	16A26*
Double Female	Female-Female	16A24*
Double Male	Male-Male	16A25*

#### SEE PAGE P21 and P22 FOR DIMENSIONED DRAWINGS

\*\*Threaded stud panel receptacles available in various lengths: Standard stud length is 3/4" – 1" stud length specify – 10 suffix; 1.125" stud length specify – 11 suffix; 1.25" stud length specify – 12 suffix; 1.50" stud length specify – 14 suffix; 2.00" stud length specify – 20 suffix (16R24 only). Other stud lengths available.

†Available in Tour Grade (-T), Black (-E), White (-W), Red (-R), Blue (-B) and Green (-G). Nickel Plated contact.

#### COLOR



Black (-E) White (-W) Red (-R) Blue (-B) Green (-G) Yellow (-Y) Orange (-O) Brown (-H)  
 \*For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B), Green (-G), Yellow (-Y), Orange (-O) and Brown (-H).

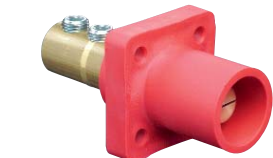
††For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B) and Green (-G).

#### SPECIFICATIONS AND FEATURES

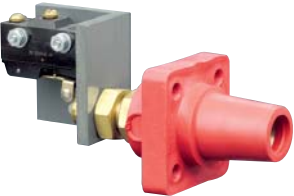
- Leviton 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

#### TESTING AND CODE COMPLIANCE

- UL Listed E-13399
- CSA Certified 152105
- NEMA 3R-Rated for use in outside locations



16R21-R



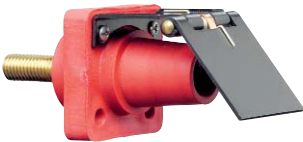
16RSW-R



16F21-B



16S21-O



16S21-E mounted on 16R24-14R



16A21-G



16A23-E



16A24-W

# 18 SERIES—BALL NOSE—UP TO 300 AMP

## Commercial Grade Single Pole Cam-Type Connectors



### 18 Series—Ball Nose—Up to 300 AMP, 600V

Refer to Ampacity Chart for all cable sizes on page P6

#### Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#2-2/0	18D21*	18D21-C	18SDM-22*	Single Set Screw
#2-2/0	18D22*	18D22-C	18SDM-22*	Double Set Screw
#2-#1	18D25*	18D25-C	18SDM-22*	Crimped
1/0-2/0	18D26*	18D26-C	18SDM-22*	Crimped
1/0-2/0 Heavy Duty	18D27*	18D27-C	18SDM-HD*	Crimped

#### Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#2-2/0	18D29*	18D29-C	18SDF-22*	Single Set Screw
#2-2/0	18D31*	18D31-C	18SDF-22*	Double Set Screw
#2-#1	18D34*	18D34-C	18SDF-22*	Crimped
1/0-2/0	18D35*	18D35-C	18SDF-22*	Crimped
1/0-2/0 Heavy Duty	18D36*	18D36-C	18SDF-HD*	Crimped

#### Male Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#2-#1	18V21*	18V21-C	18SVM-21*	Crimped
1/0-2/0	18V22*	18V22-C	18SVM-12*	Crimped
1/0-2/0 Heavy Duty	18V23*	18V23-C	18SVM-HD*	Crimped

#### Female Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#2-#1	18V25*	18V25-C	18SVF-21*	Crimped
1/0-2/0	18V26*	18V26-C	18SVF-12*	Crimped
1/0-2/0 Heavy Duty	18V27*	18V27-C	18SVF-HD*	Crimped

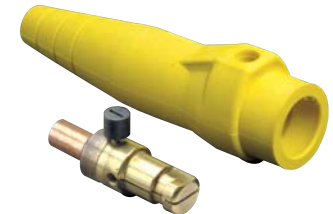
SEE PAGE P22 and P23 FOR DIMENSIONED DRAWINGS



18D21-B



18D22-G



18D25-Y



18D26-W



18D29-O



18D31-W



18D34-R

Single Pole Cam-Type Connectors

#### COLOR



Black (-E) White (-W) Red (-R) Blue (-B) Green (-G) Yellow (-Y) Orange (-O) Brown (-H)  
 \*For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B), Green (-G), Yellow (-Y), Orange (-O) and Brown (-H).

#### SPECIFICATIONS AND FEATURES

- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States

#### TESTING AND CODE COMPLIANCE

- UL Listed E-13399
- CSA Certified 152105, all detachable plugs except single set screws.



# 18 SERIES—BALL NOSE—UP TO 400 AMP

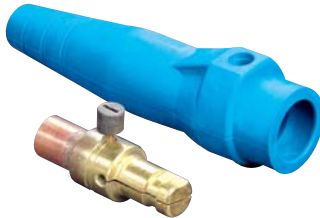
## Commercial Grade Single Pole Cam-Type Connectors



18D23-Y



18D24-E



18D28-B



18D32-H



18D37-R



18V24-Y

### 18 Series—Ball Nose—Up to 400 AMP, 600V

Refer to Ampacity Chart for all cable sizes on page P6

#### Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
1/0–4/0	18D23*	18D23-C	18SDM-14*	Single Set Screw
1/0–4/0	18D24*	18D24-C	18SDM-14*	Double Set Screw
3/0–4/0	18D28*	18D28-C	18SDM-14*	Crimped

#### Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
1/0–4/0	18D32*	18D32-C	18SDF-14*	Single Set Screw
1/0–4/0	18D33*	18D33-C	18SDF-14*	Double Set Screw
3/0–4/0	18D37*	18D37-C	18SDF-14*	Crimped

#### Male Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
3/0–4/0	18V24*	18V24-C	18SVM-34*	Crimped

#### Female Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
3/0–4/0	18V28*	18V28-C	18SVF-34*	Crimped

#### Protective Caps for All 18 Series Insulators

STYLE	CAT NO.	STYLE	CAT NO.
Male	18P21*	Female	18P22*

SEE PAGE P22 and P23 FOR DIMENSIONED DRAWINGS

#### COLOR



Black (-E) White (-W) Red (-R) Blue (-B) Green (-G) Yellow (-Y) Orange (-O) Brown (-H)

\*For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B), Green (-G), Yellow (-Y), Orange (-O) and Brown (-H).

#### SPECIFICATIONS AND FEATURES

- Leviton ECT 18 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

#### TESTING AND CODE COMPLIANCE

- UL Listed E-13399
- CSA Certified 152105, all detachable plugs except single set screws.

# 18 SERIES—BALL NOSE—UP TO 400 AMP

## Commercial Grade Single Pole Cam-Type Connectors



### 18 Series—Ball Nose—Up to 400 AMP, 600V

Refer to Ampacity Chart for all cable sizes on page P6

#### Male Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE
#2–4/0	18R21*	Threaded Stud**
1/0–4/0	18R23*	Double Set Screw

#### Female Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE
#2–4/0	18R22*	Threaded Stud**
1/0–4/0	18R24*	Double Set Screw

#### Female Terminal Connector

CABLE SIZE	CAT NO.	TERMINATION TYPE
#2–4/0	18F21*	Angled
#2–4/0	18F22*	Offset

#### Multi-Way Connectors

STYLE	DESCRIPTION	CAT NO.
Paralleling Tee	Female-Male-Male	18A21*
Tapping Tee	Female-Female-Male	18A22*
3-Fer	Male-Female-Female-Female	18A23*
Reverse 3-Fer	Female-Male-Male-Male	18A26*
Double Female	Female-Female	18A24*
Double Male	Male-Male	18A25*

SEE PAGE P22 and P23 FOR DIMENSIONED DRAWINGS

\*\*Threaded stud panel receptacles available in various lengths: Standard stud length is 3/4" – 1.25" stud length specify – 12 suffix. Other stud lengths available.



18R22-G



18A22-E



18A23-E



18A25-E



18F22-E

#### COLOR



Black (-E) White (-W) Red (-R) Blue (-B) Green (-G) Yellow (-Y) Orange (-O) Brown (-H)

\*For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B), Green (-G), Yellow (-Y), Orange (-O) and Brown (-H).

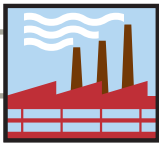
#### SPECIFICATIONS AND FEATURES

- Leviton 18 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

#### TESTING AND CODE COMPLIANCE

- UL Listed E-13399
- CSA Certified 152105





# 17 SERIES—TAPER NOSE—UP TO 690 AMP

## Industrial Grade Single Pole Cam-Type Connectors

### 17 Series—Taper Nose—Up to 690 AMP, 600V

Refer to Ampacity Chart for all cable sizes on page P6

#### Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	17D21*	17D21-C	17SDM*	Double Set Screw
350–500 MCM	17D22*	17D22-C	17SDM*	Double Set Screw

#### Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	17D23*	17D23-C	17SDF*	Double Set Screw
350–500 MCM	17D24*	17D24-C	17SDF*	Double Set Screw

#### Male Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	17V21*	17V21-C	17SVM*	Crimped
350–500 MCM	17V22*	17V22-C	17SVM*	Crimped
500–750 MCM	17V23*	17V23-C	17SVM*	Crimped

#### Female Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	17V24*	17V24-C	17SVF*	Crimped
350–500 MCM	17V25*	17V25-C	17SVF*	Crimped
500–750 MCM	17V26-E	17V26-C	17SVF*	Crimped

#### Protective Caps for All 17 Series Insulators

STYLE	CAT NO.	STYLE	CAT NO.
Male	17P21*	Female	17P22*

#### Male Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	17R21*	Threaded Stud	90 Degree
250–750 MCM	17R23*	Threaded Stud	30 Degree

#### Female Panel Receptacles

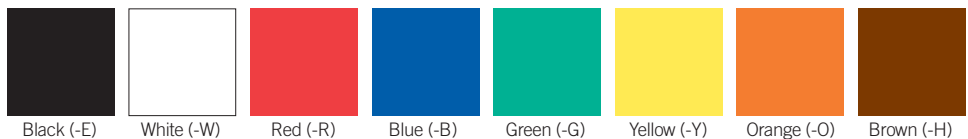
CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	17R22*	Threaded Stud	90 Degree
250–750 MCM	17R24*	Threaded Stud	30 Degree

#### Female Terminal Connector

CABLE SIZE	CAT NO.	STYLE
250–750 MCM	17F21*	Angled
250–750 MCM	17F22*	Offset

SEE PAGE P24 FOR DIMENSIONED DRAWINGS

#### COLOR



\*For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B), Green (-G), Yellow (-Y), Orange (-O) and Brown (-H).

#### SPECIFICATIONS AND FEATURES

- The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.



17D21-W



17D23-E



17V21-H



17V24-R



17V26-G



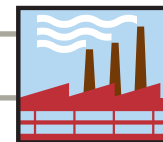
17R23-E



17P21-E

# 19 SERIES—BALL NOSE—UP TO 600 AMP

## Industrial Grade Single Pole Cam-Type Connectors



### 19 Series—Ball Nose—Up to 690 AMP, 600V

Refer to Ampacity Chart for all cable sizes on page P6

#### Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	19D21*	19D21-C	19SDM*	Double Set Screw
350–500 MCM	19D22*	19D22-C	19SDM*	Double Set Screw

#### Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	19D23*	19D23-C	19SDF*	Double Set Screw
350–500 MCM	19D24*	19D24-C	19SDF*	Double Set Screw

#### Male Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	19V21*	19V21-C	19SVM*	Crimped
350–500 MCM	19V22*	19V22-C	19SVM*	Crimped
500–750 MCM	19V23*	19V23-C	19SVM*	Crimped

#### Female Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	19V24*	19V24-C	19SVF*	Crimped
350–500 MCM	19V25*	19V25-C	19SVF*	Crimped
500–750 MCM	19V26*	19V26-C	19SVF*	Crimped

#### Protective Caps for All 19 Series Insulators

STYLE	CAT NO.	STYLE	CAT NO.
Male	19P21*	Female	19P22-E

#### Male Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	19R21*	Threaded Stud	90 Degree
250–750 MCM	19R23*	Threaded Stud	30 Degree

#### Female Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	19R22*	Threaded Stud	90 Degree
250–750 MCM	19R24*	Threaded Stud	30 Degree

#### Female Terminal Connector

CABLE SIZE	CAT NO.	STYLE
250–750 MCM	19F21*	Angled
250–750 MCM	19F22*	Offset

SEE PAGE P24 and P25 FOR DIMENSIONED DRAWINGS

#### COLOR



\*For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B), Green (-G), Yellow (-Y), Orange (-O) and Brown (-H).

#### SPECIFICATIONS AND FEATURES

- The 19 Series Ball Nose connectors are designed for general industrial applications



19D21-E



19D23-E



19V21-E



19V22-E



19V23-E



19V24-E

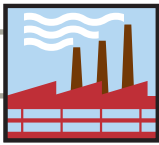


19R23-E



19P21-E

Single Pole Cam-Type Connectors



## 22 SERIES—LATCHING BALL NOSE—UP TO 690 AMP

### Industrial Grade Single Pole Cam-Type Connectors



22L21-R



22L22-E



22L25-E



22L23-E



22R23-E



22R24-E

## 22 Series—Latching Ball Nose—Up to 690 Amp, 600V

Refer to Ampacity Chart for all cable sizes on page P6

### Male Latching Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	<b>22L21*</b>	22L21-C	22SVM*	Crimped
350–500 MCM	<b>22L22*</b>	22L22-C	22SVM*	Crimped
500–750 MCM	<b>22L23*</b>	22L23-C	22SVM*	Crimped

### Female Latching Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	<b>22L24*</b>	22L24-C	22SVF*	Crimped
350–500 MCM	<b>22L25*</b>	22L25-C	22SVF*	Crimped
500–750 MCM	<b>22L26*</b>	22L26-C	22SVF*	Crimped

### Protective Caps for All 22 Series Insulators

STYLE	CAT NO.	STYLE	CAT NO.
Male	<b>19P21*</b>	Female	<b>19P22*</b>

### Male Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	<b>22R21*</b>	Threaded Stud	90 Degree
250–750 MCM	<b>22R23*</b>	Threaded Stud	30 Degree

### Female Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	<b>22R22*</b>	Threaded Stud	90 Degree
250–750 MCM	<b>22R24*</b>	Threaded Stud	30 Degree

### Thermoplastic Housing Panel Receptacle

STYLE	CABLE SIZE	CAT NO.	TERMINATION TYPE
Male	250–750 MCM	<b>22H21*</b>	Threaded Stud
Female	250–750 MCM	<b>22H22*</b>	Threaded Stud

SEE PAGE P25 and P26 FOR DIMENSIONED DRAWINGS

#### COLOR



Black (-E)

White (-W)

Red (-R)

\* For color selections, add suffix to catalog number as follows: Black (-E), White (-W) and Red (-R).

#### SPECIFICATIONS AND FEATURES

- The Leviton 22 series Cam-Type connectors are specified in the United Facility Guide Specification (4FGS-16145).
- Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phase power to ships at dockside. Our latching connector series has been thoroughly and successfully tested by ETL Laboratories to meet Navy specifications, including interchangeability with competition. Our latching connector series provides heavy duty, completely insulated connectors that are vibration-resistant and positively lock into place. Leviton latching connectors will not vibrate, twist or turn

loose, ensuring high conductivity and maximum efficiency. Leviton contacts can be retrofitted to existing locations and power distribution systems. Our male contacts are designed to provide 40% more surface contact with the female vs. competitive products. The additional efficiency will help ensure greater conductivity while preventing burnout.

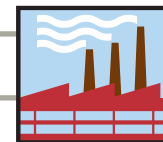
- The connectors and all components are completely interchangeable with competitive cam-type products.

#### TESTING AND CODE COMPLIANCE

- ETL Tested, Report #521300
- Waterproof (when vulcanized) and fire-resistant for outside usage

# 23 SERIES—LATCHING TAPER NOSE—UP TO 690 AMP

## Industrial Grade Single Pole Cam-Type Connectors



### 23 Series—Latching Taper Nose—Up to 690 Amp, 600V

Refer to Ampacity Chart for all cable sizes on page P6

#### Male Latching Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	<b>23L21*</b>	23L21-C	23SVM*	Crimped
350–500 MCM	<b>23L22*</b>	23L22-C	23SVM*	Crimped
500–750 MCM	<b>23L23*</b>	23L23-C	23SVM*	Crimped

#### Female Latching Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	<b>23L24*</b>	23L24-C	23SVF*	Crimped
350–500 MCM	<b>23L25*</b>	23L25-C	23SVF*	Crimped
500–750 MCM	<b>23L26*</b>	23L26-C	23SVF*	Crimped

#### Protective Caps for All 22 Series Insulators

STYLE	CAT NO.	STYLE	CAT NO.
Male	<b>17P21*</b>	Female	<b>17P22*</b>

#### Male Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	<b>23R21*</b>	Threaded Stud	90 Degree
250–750 MCM	<b>23R23*</b>	Threaded Stud	30 Degree

#### Female Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	<b>23R22*</b>	Threaded Stud	90 Degree
250–750 MCM	<b>23R24*</b>	Threaded Stud	30 Degree

#### Thermoplastic Housing panel Receptacle

STYLE	CABLE SIZE	CAT NO.	TERMINATION TYPE
Male	250–750 MCM	<b>23H21*</b>	Threaded Stud
Female	250–750 MCM	<b>23H22*</b>	Threaded Stud

SEE PAGE Pxx FOR DIMENSIONED DRAWINGS



23L24-R



23L25-G



23R21-E

Single Pole Cam-Type Connectors

#### COLOR



Black (-E)



White (-W)



Red (-R)

\*For color selections, add suffix to catalog number as follows: Black (-E), White (-W) and Red (-R).

#### SPECIFICATIONS AND FEATURES

- Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phase power to ships at dockside. Our latching connector series has been thoroughly and successfully tested by ETL Laboratories to meet Navy specifications, including intermateability with competition. Our latching connector series provides heavy duty, completely insulated connectors that are vibration-resistant and positively lock into place. Leviton latching connectors will not vibrate, twist or turn loose, ensuring high conductivity and maximum efficiency. Leviton contacts can be retrofitted to existing

locations and power distribution systems. Our male contacts are designed to provide 40% more surface contact with the female vs. competitive products. The additional efficiency will help ensure greater conductivity while preventing burnout.

- The connectors and all components are completely interchangeable with competitive cam-type products.

#### TESTING AND CODE COMPLIANCE

- ETL Tested, Report #521300
- Waterproof (when vulcanized) and fire-resistant for outside usage

For answers to technical questions, call Leviton's Techline at 1-800-824-3005







# SINGLE POLE CAM-TYPE CONNECTORS—PRODUCT ACCESSORIES

## Industrial Grade Single Pole Cam-Type Connectors

### “COM-A-LONG” Assembly Tool

#### 15 Series

DESCRIPTION	CAT. NO.
For Female Plug	15CLM



For Male Plug	15CLF
---------------	-------



#### 16 Series & 18 Series

DESCRIPTION	CAT. NO.
For Female Plug	16CLM



For Male Plug	16CLF
---------------	-------



#### 17 Series, 19 Series & 22/23 Series

DESCRIPTION	CAT. NO.
For Female Plug	17CLM



For Male Plug	17CLF
---------------	-------



### Set Screws (10 per package)

DESCRIPTION	CAT. NO.
15 Series	A0001



16 Series & 18 Series	A0002
-----------------------	-------



### Copper Shims (10 per package)

DESCRIPTION	CAT. NO.
15 Series	A0006



16 Series & 18 Series	A0004
-----------------------	-------



### Strain Relief Wire (10 per package)

DESCRIPTION	CAT. NO.
15 Series	A0007



16 Series & 18 Series	A0003
-----------------------	-------



### Insulated Screw (10 per package)

DESCRIPTION	CAT. NO.
16 Series & 18 Series	A0005



### Lubricating Spray

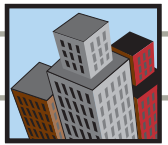
DESCRIPTION	CAT. NO.
16 Fluid Ounce Can	C0001





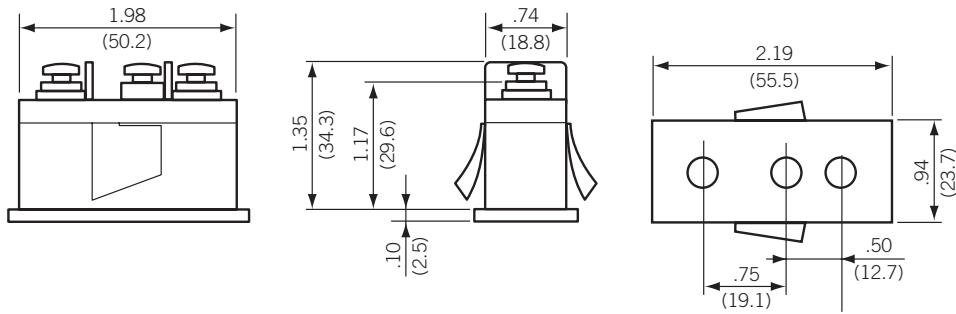
# STAGE PIN PANEL MOUNT—DIMENSIONED DRAWINGS

## Commercial Grade Stage Pin Devices

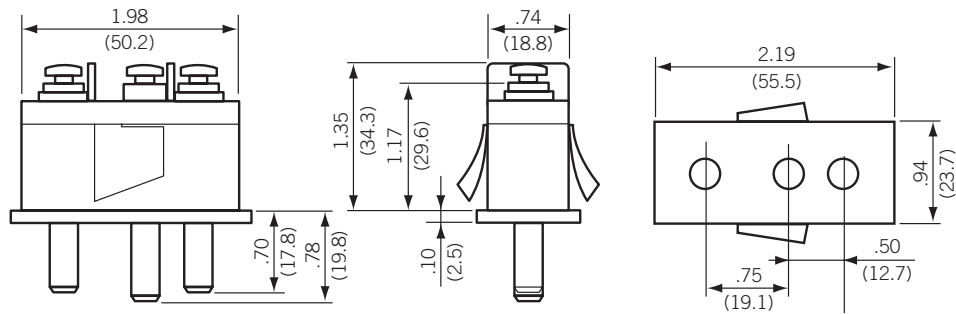


### Stage Pin Panel Mount—20 AMP

#### 20A Female Receptacle, Snap-In—page P3

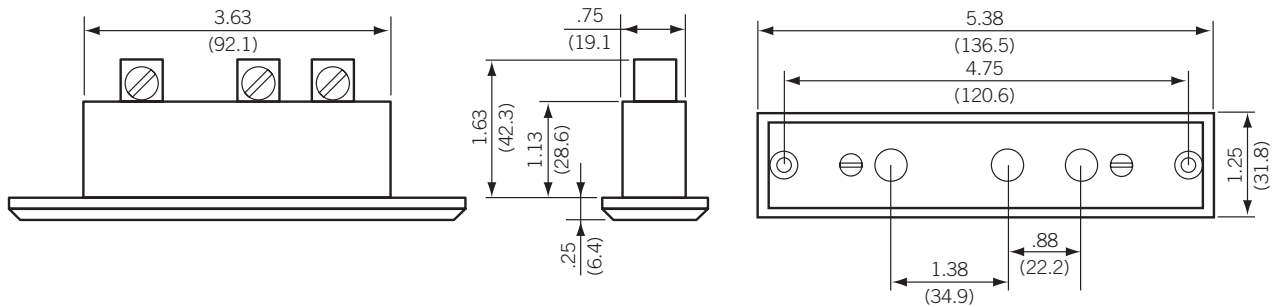


#### 20A Male Inlet, Snap-In—page P3

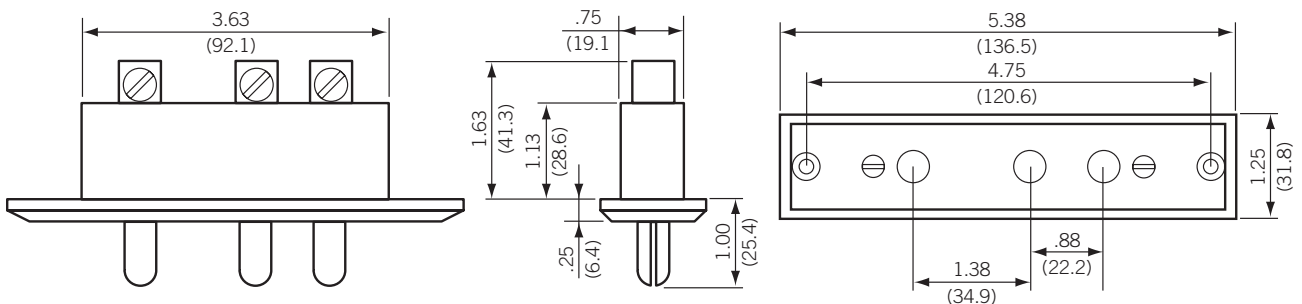


### Stage Pin Panel Mount—60 AMP

#### 60A Female Receptacle, Bolt-On—page P3



#### 60A Male Inlet, Bolt-On—page P3



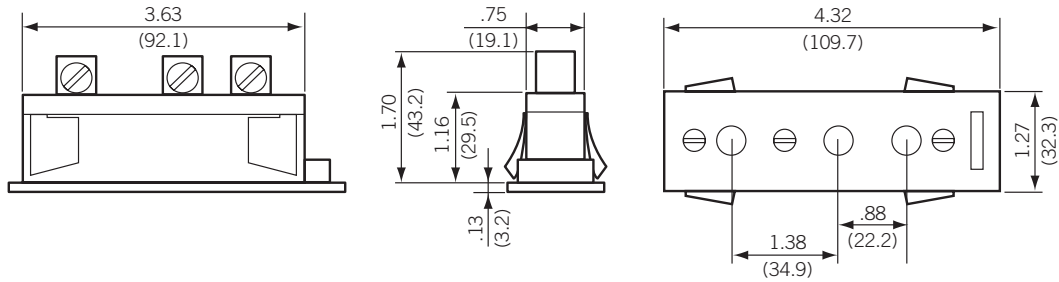


# STAGE PIN PANEL MOUNT—DIMENSIONED DRAWINGS

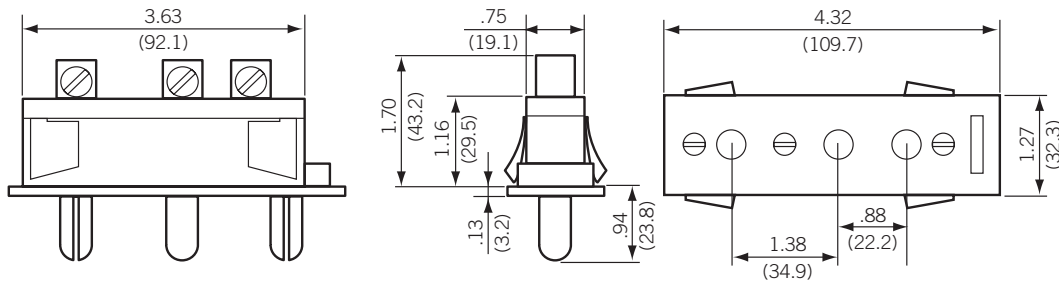
## Commercial Grade Stage Pin Devices

### Stage Pin Panel Mount—60 AMP

60A Female Panel Receptacle, Snap-In—page P3

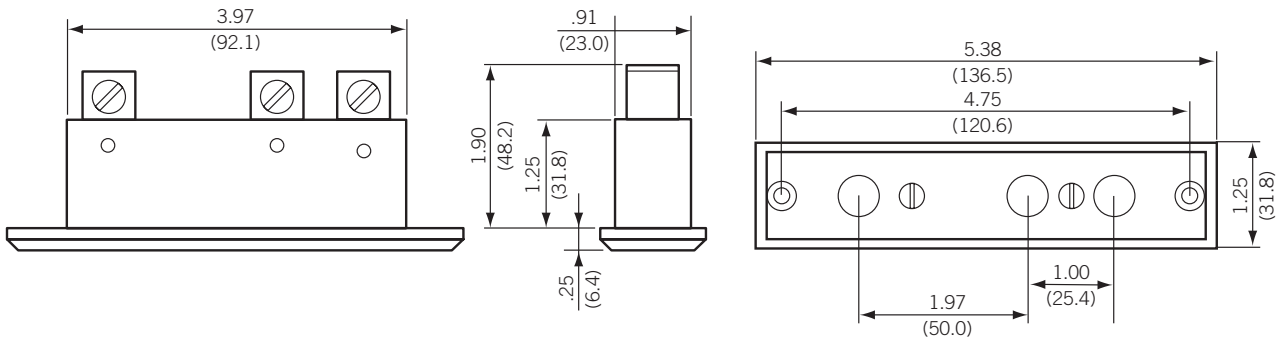


60A Male Panel Receptacle, Snap-In—page P3

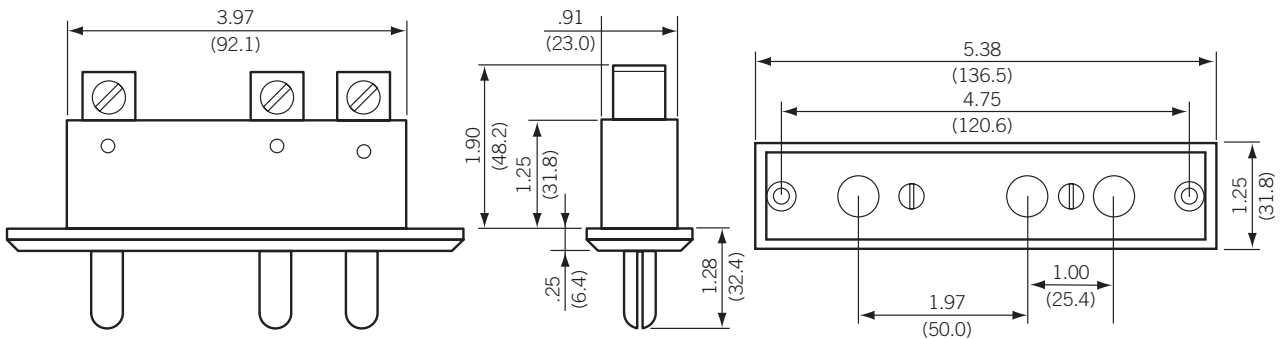


### Stage Pin Panel Mount—100 AMP

100A Female Receptacle, Bolt-On—page P3



100A Male Inlet, Bolt-On—page P3



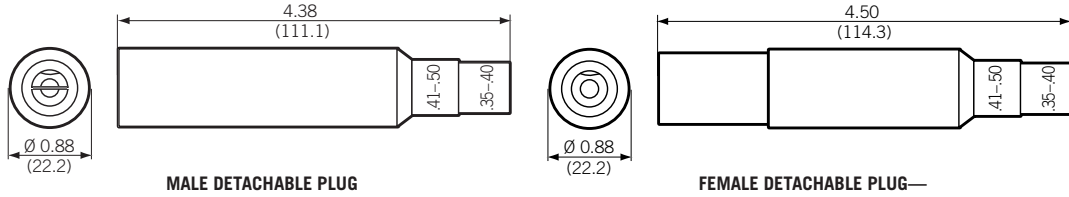
# SINGLE POLE CAM-TYPE CONNECTORS—DIMENSIONED DRAWINGS

## Commercial Grade Single Pole Cam-Type Connectors

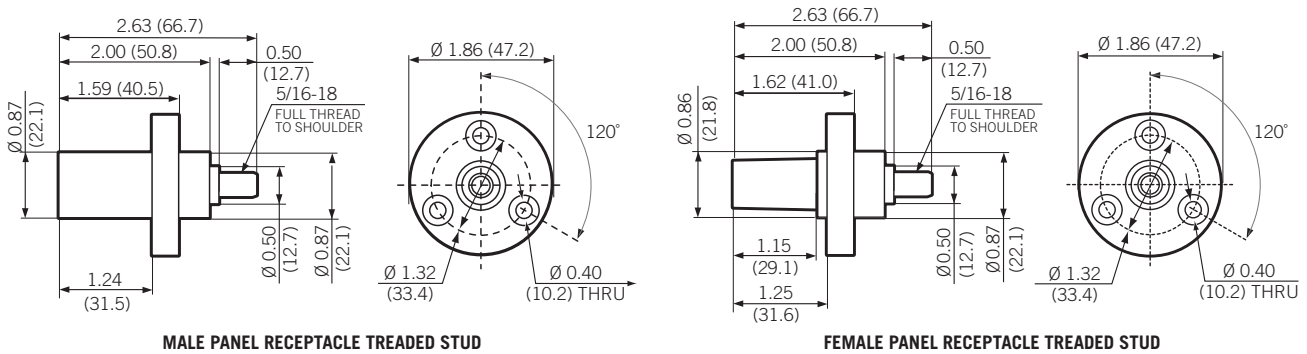


### 15 Series—Taper Nose

#### Male and Female Detachable Plugs—page P7

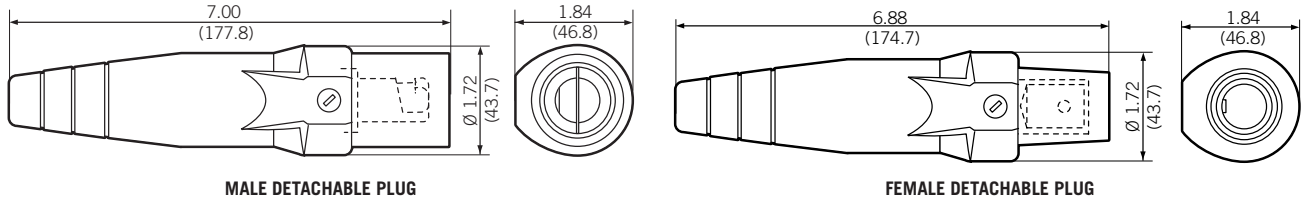


#### Panel Receptacle Threaded Studs—page P7

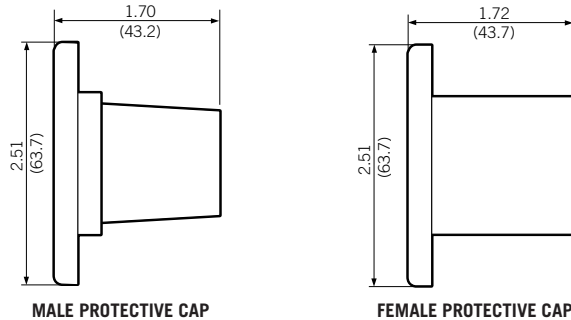


### 16 Series—Taper Nose

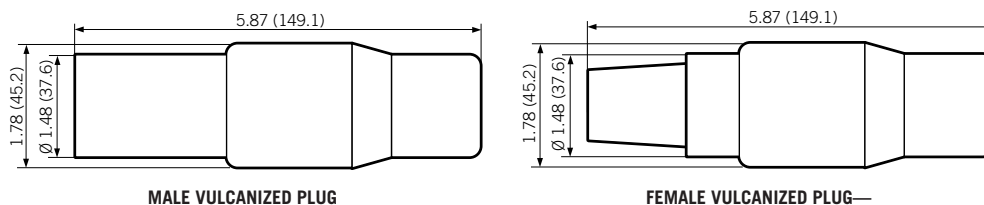
#### Male and Female Detachable Plugs—pages P8–P10



#### Male and Female Protective Caps—page P13



#### Male and Female Vulcanized Plugs—pages P14, P15



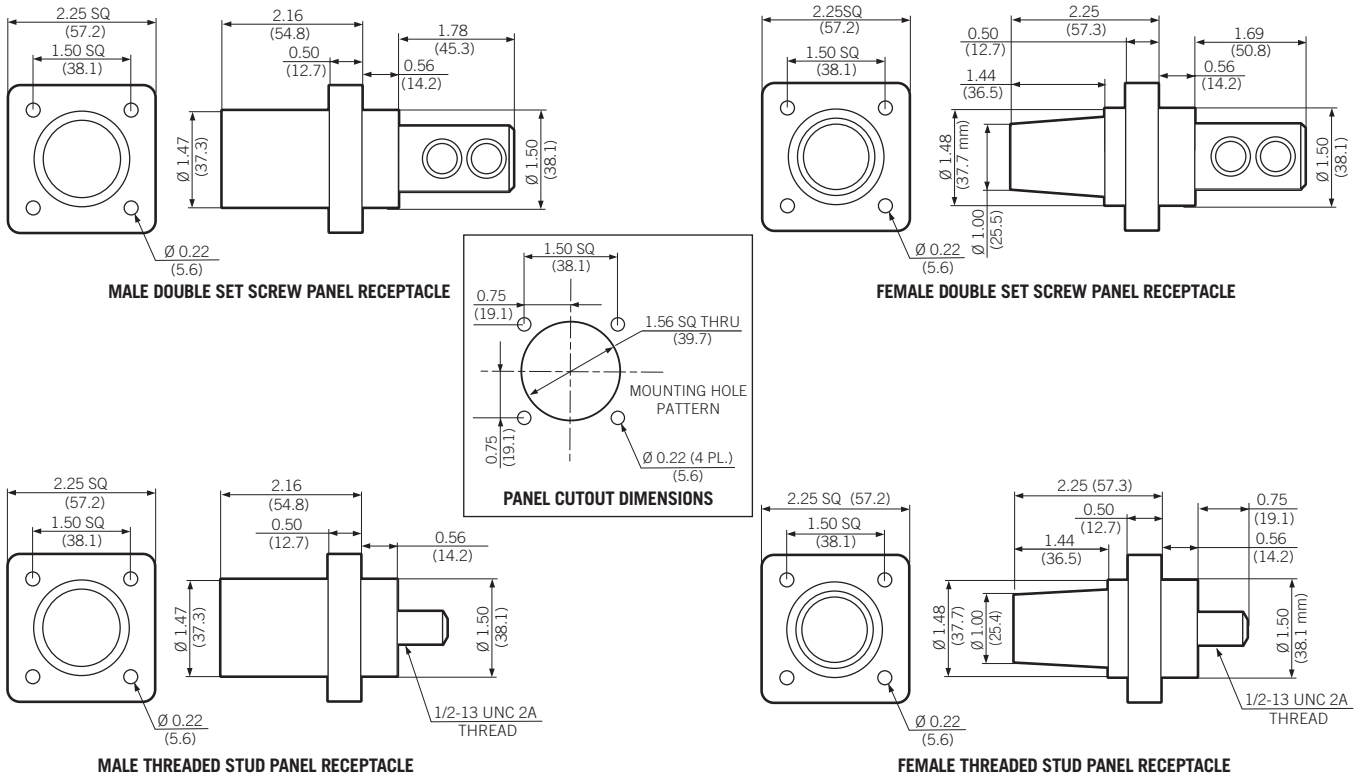


# SINGLE POLE CAM-TYPE CONNECTORS—DIMENSIONED DRAWINGS

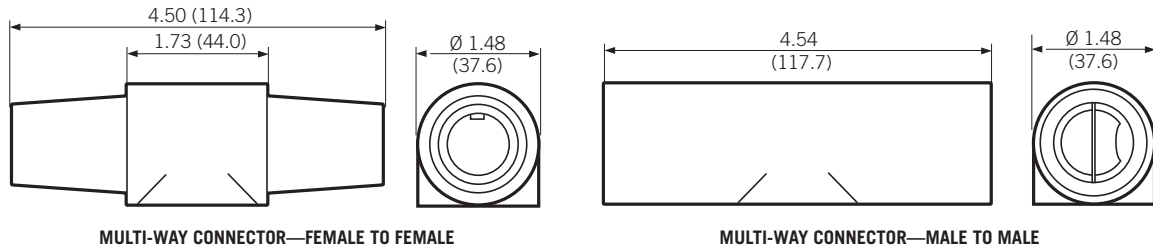
## Commercial Grade Single Pole Cam-Type Connectors

### 16 Series—Taper Nose

#### Double Set Screw and Threaded Panel Receptacle Studs—page P10

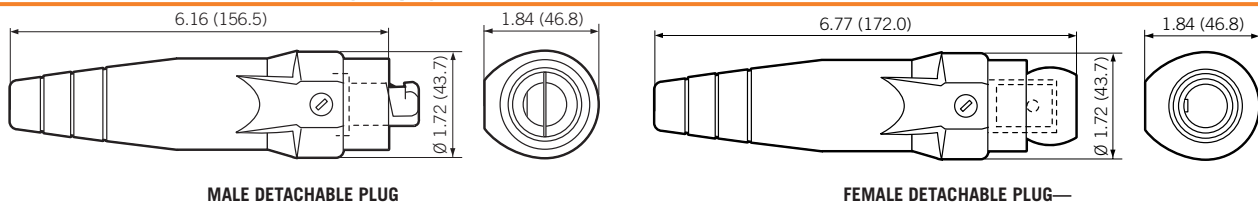


#### Multi-Way Connectors—page P10

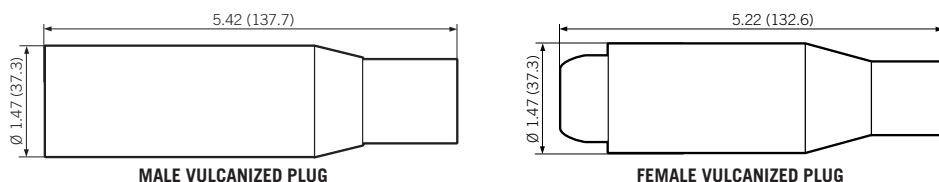


### 18 Series—Ball Nose

#### Male and Female Detachable Plugs—pages P11, P12



#### Male and Female Vulcanized Plugs—pages P11, P12



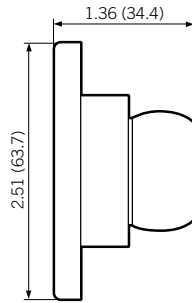
# SINGLE POLE CAM-TYPE CONNECTORS—DIMENSIONED DRAWINGS

## Commercial Grade Single Pole Cam-Type Connectors

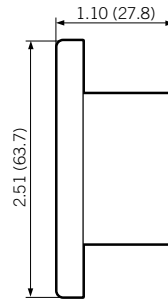


### 18 Series—Ball Nose

#### Male and Female Protective Caps—page P12

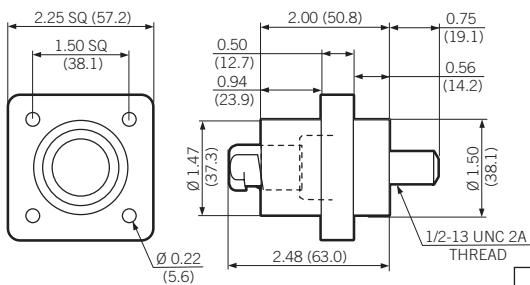


MALE PROTECTIVE CAP

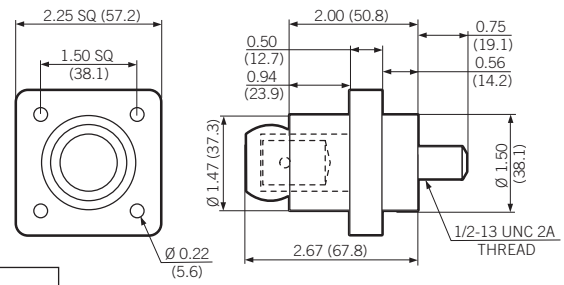


FEMALE PROTECTIVE CAP

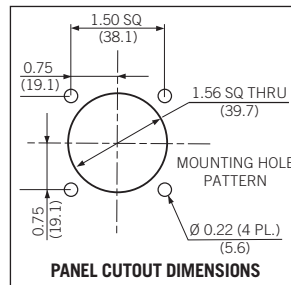
#### Double Set Screw and Threaded Panel Receptacle Studs—page P13



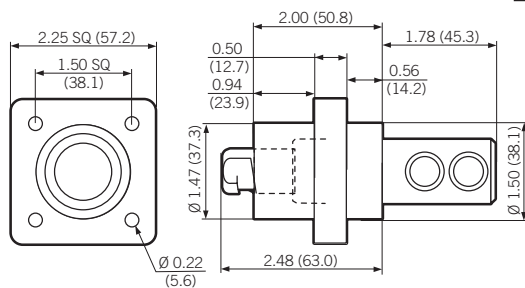
MALE THREADED STUD PANEL RECEPTACLE



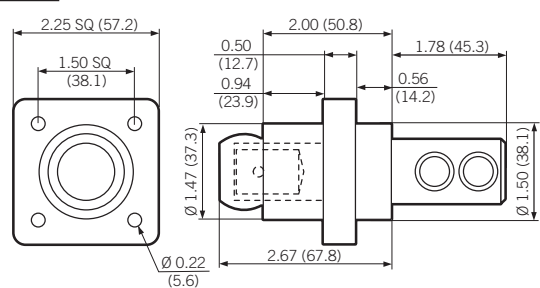
FEMALE THREADED STUD PANEL RECEPTACLE



PANEL CUTOUT DIMENSIONS

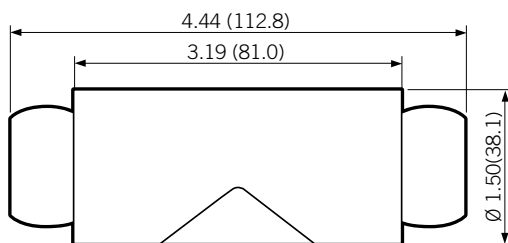


MALE DOUBLE SET SCREW PANEL RECEPTACLE



FEMALE DOUBLE SET SCREW PANEL RECEPTACLE

#### Multi-Way Connectors—page P13

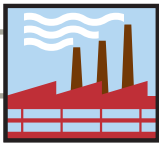


MULTI-WAY CONNECTOR—FEMALE TO FEMALE



MULTI-WAY CONNECTOR—MALE TO MALE



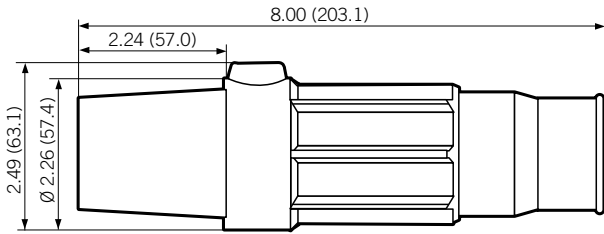


# SINGLE POLE CAM-TYPE CONNECTORS—DIMENSIONED DRAWINGS

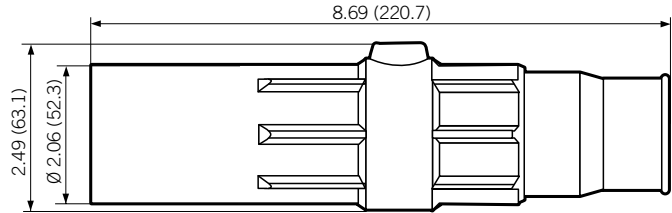
## Industrial Grade Single Pole Cam-Type Connectors

### 17 Series—Taper Nose

#### Male and Female Detachable Plugs—pages P14

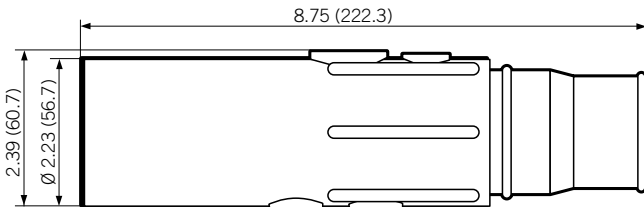


FEMALE DETACHABLE PLUG—DOUBLE SET SCREW

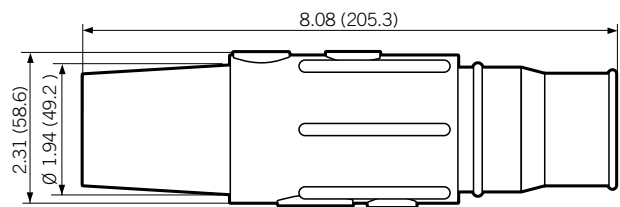


MALE DETACHABLE PLUG—DOUBLE SET SCREW

#### Male and Female Vulcanized Plugs—pages P14

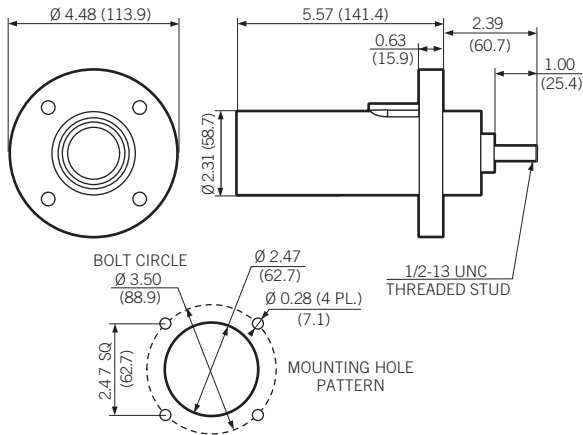


MALE VULCANIZED PLUG—CRIMPED

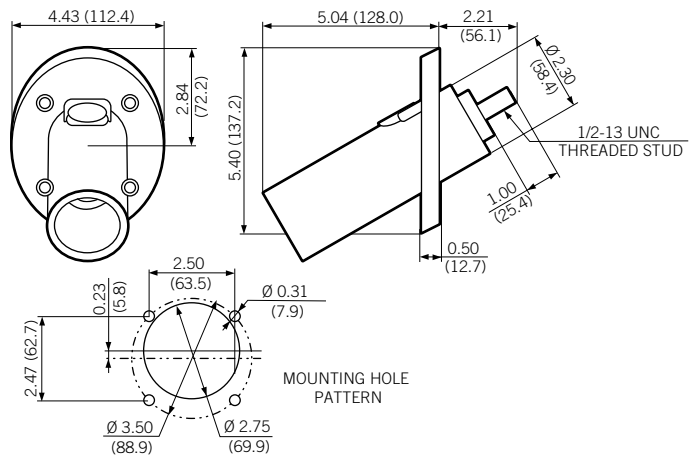


FEMALE VULCANIZED PLUG—CRIMPED

#### Panel Receptacle Threaded Studs—page P14



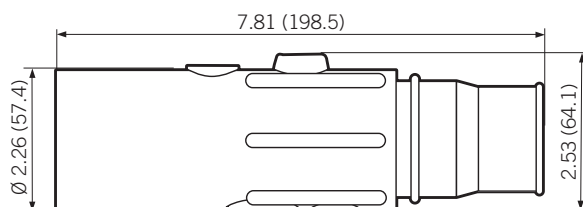
MALE PANEL RECEPTACLE THREADED STUD—90°



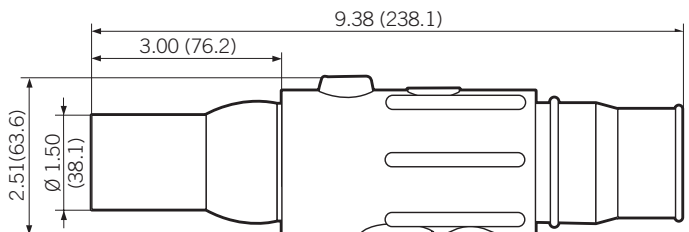
MALE PANEL RECEPTACLE THREADED STUD—30°

### 19 Series—Ball Nose

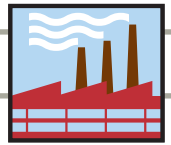
#### Male and Female Detachable Plugs—page P15



MALE DETACHABLE PLUG—DOUBLE SET SCREW

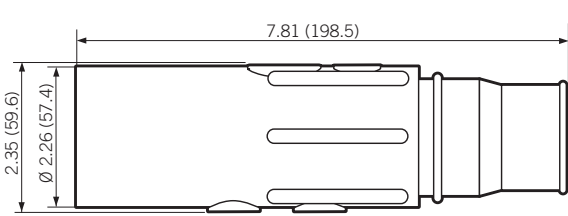


FEMALE DETACHABLE PLUG—DOUBLE SET SCREW

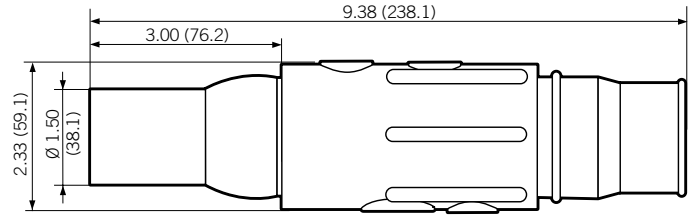


### 19 Series—Ball Nose

Male and Female Vulcanized Plugs—pages P15

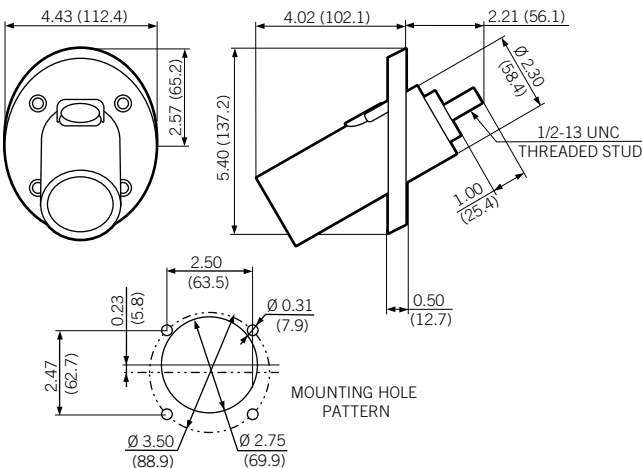


MALE VULCANIZED PLUG—CRIMPED

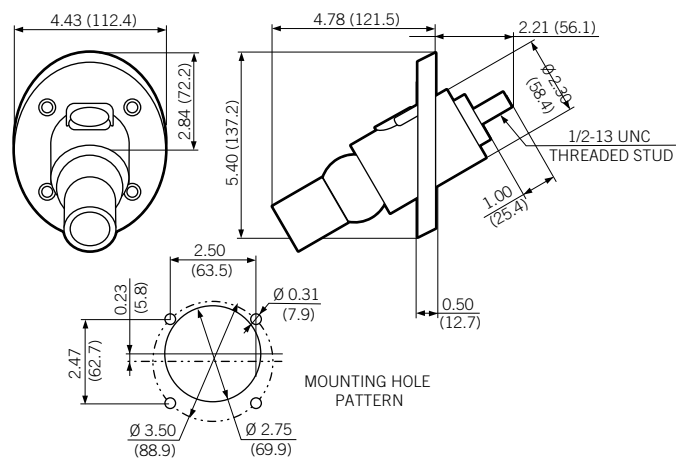


FEMALE VULCANIZED PLUG—CRIMPED

Panel Receptacle Threaded Studs—page P15



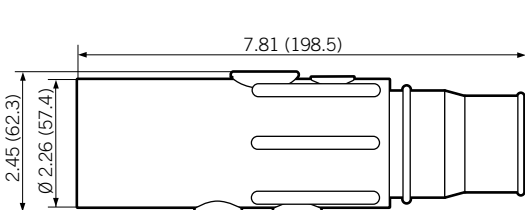
MALE PANEL RECEPTACLE THREADED STUD—30°



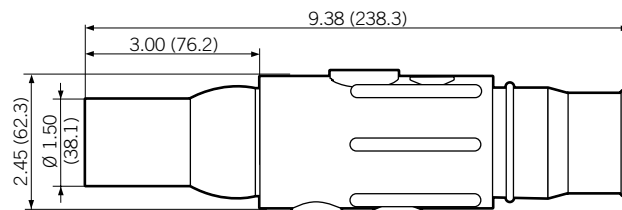
FEMALE PANEL RECEPTACLE THREADED STUD—30°

### 22 Series—Latching Ball Nose

Male and Female Ball Nose Latching Connectors—page P16



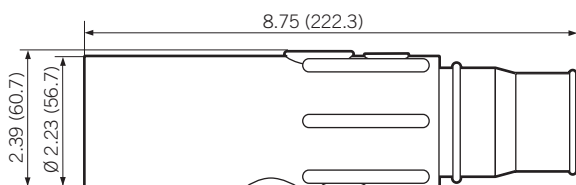
BALL NOSE IN-LINE LATCHING MALE CONNECTORS—CRIMPED



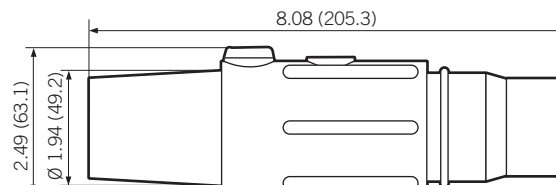
BALL NOSE IN-LINE LATCHING FEMALE CONNECTORS—CRIMPED

### 23 Series—Latching Taper Nose

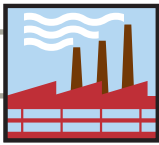
Male and Female Taper Nose Latching Connectors—pages P17



TAPER NOSE IN-LINE LATCHING MALE CONNECTORS—CRIMPED



TAPER NOSE IN-LINE LATCHING FEMALE CONNECTORS—CRIMPED

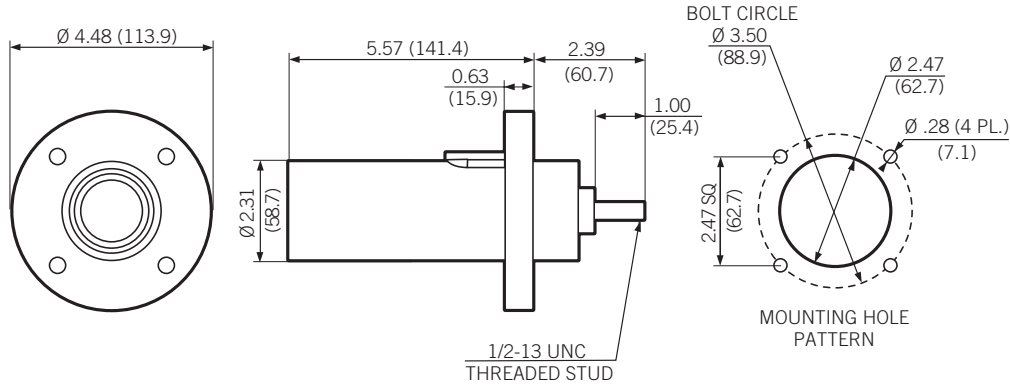


# SINGLE POLE CAM-TYPE CONNECTORS—DIMENSIONED DRAWINGS

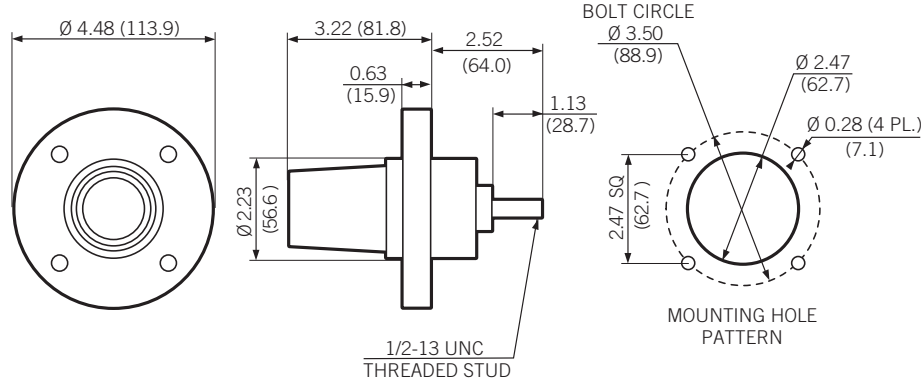
## Industrial Grade Single Pole Cam-Type Connectors

### 23 Series—Latching Taper Nose

#### Panel Receptacle Threaded Studs—page P17

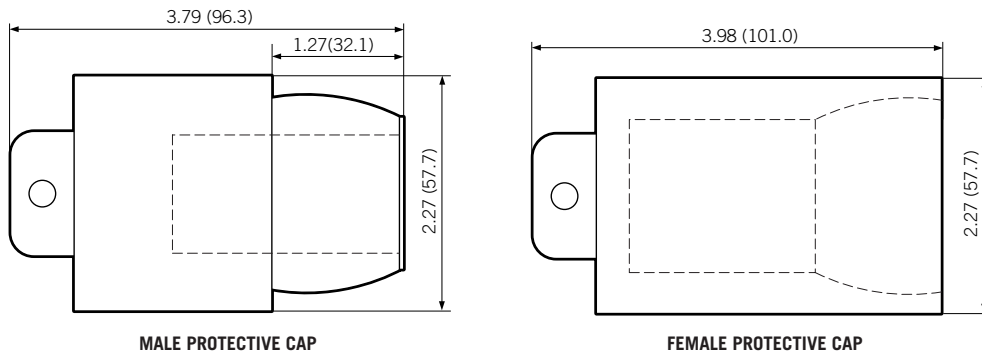


90° MALE PANEL RECEPTACLE THREADED STUD



90° FEMALE PANEL RECEPTACLE THREADED STUD

#### Male and Female Protective Caps—page P17



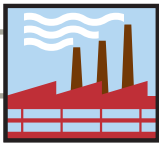
# Wire Mesh Safety Grips

## INDEX

<b>Wire Mesh Safety Grips</b>	
Overview	Q2
Technical Reference	Q3
Selecting Pulling and Support Grips	Q4-Q6
Pulling Grips	Q7-Q14
Strain-Relief Grips	Q15-Q18
Support Grips	Q19-Q26







## WIRE MESH SAFETY GRIP FEATURES

### Industrial Grade Wire Mesh Safety Grips

#### A LARGE SELECTION OF WIRE MESH PULLING, STRAIN-RELIEF AND SUPPORT GRIPS

Leviton Wire Mesh Safety Grips are built tough to provide the strength, reliability and gripping force required for today's demanding wire management applications. They are designed to distribute stress over a large area so they can securely hold, pull or support the wire, rope, tubing or fiber optic cable to which they are applied.

Leviton Wire Mesh Safety Grip products offer a wide selection of style, weave, attachment and wire options designed to meet the highest standards for strength, flexibility, durability and longevity.

Leviton Wire Mesh Safety Grips are flexible holding devices used to pull cable, rope, or tubing into place; to support it after it has been installed, to prevent cable pullout; or to provide strain-relief that reduces the arc of bend at points of wire connections or terminations.

#### 1. Pulling Grips

Pulling Grips are reusable tools for pulling insulated conductors or bare wires, cable, nylon and wire rope, fiber optic cable etc. Both flexible eye and rotating eye attachments are available.

#### 2. Strain-Relief Grips

Strain-Relief Grips are used to connect cable or flexible conduit to electrical enclosures and equipment. This prevents pullout and bending due to tension at the inner conductors at the point of termination.

#### 3. Support Grips

Support Grips distribute the weight of the vertical or sloping runs of electrical and fiber optic cable, metal rods, tubing or hose over the entire length of the grip so that the cable is not subject to damage. A variety of hangers and bales are available. These grips are also available in stainless steel for additional corrosion-resistance. Consult factory for availability.

#### Agency Approvals

UL Listings and CSA Certifications are indicated on the appropriate product catalog pages. File numbers, are listed below.

AGENCY	CONTROL NUMBER	FILE NUMBER
Underwriters Laboratories, Inc.	965U 16G5	E-173944 E-176347
Canadian Standards Association	———	LR-702185

#### Standards

Leviton Wire Mesh Safety Grips meet the following standards:

**NEC 300-19**—Supporting cables in vertical raceways.

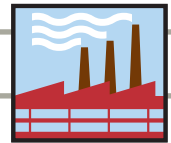
**NEC 351-2**—Liquid-tight flexible metal conduit installations.

**NEC 400-7**—Flexible cord installations.

**NEC 400-10**—Strain-relief at joints and terminals.

**JIC H 13.11**—Prevention of flexible hose failure.





### Technical Reference

#### Hazardous Locations

The following product categories are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 & 2; and Class III, Div. 1 & 2 requirements.

PRODUCT CATEGORY	TYPE
Deluxe Cord Grips	Aluminum fitting Nylon fitting Non-metallic

#### Flammability

Non-metallic Deluxe Cord Grips will not support combustion. The ratings are listed below.

COMPONENT	RATING
Wire Mesh Grip	94HB <sup>1</sup>
Fitting	94V <sup>2</sup>

<sup>1</sup>A test method used by U.L. to determine a rate of burning and/or extent and time of burning of self-supporting plastics in a horizontal position (ASTM D 635-88, IEC 707-1981, ISO/DIS 1210.2).

<sup>2</sup>A test method used by UL for measuring the comparative extinguishing characteristics of solid plastics in a vertical position (IEC 707-1981, ISO/DIS 1210.2).

#### Wet Locations

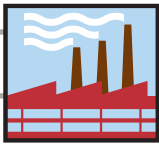
The strain-relief grips listed below are suitable for use in wet locations so long as a listed sealing ring is used between the box and the fitting.

PRODUCT CATEGORY	TYPE
Deluxe Cord Grip	Aluminum fitting Nylon fitting Non-metallic

#### Types of Wire Mesh Safety Grips

PRODUCT GROUP	DESCRIPTION	MATERIAL
Pulling Grips	PJ Junior Duty	Galvanized steel wire
	PL Light Duty	Galvanized steel wire
	PM Medium Duty	Galvanized steel wire
	P Heavy Duty	Galvanized steel wire
	PS Heavy Duty swivel	Galvanized steel wire
	PR-MS Multi-Weave, Rotating Eye	Galvanized steel wire
	PF-MS Multi-Weave, Flexible Eye	Galvanized steel wire
	PHS High Strength	Galvanized steel wire
	SCK Slack, Offset Eye	Galvanized steel wire
	SSK Slack, Offset Eye	Galvanized steel wire
SRK Slack, Offset Eye	Galvanized steel wire	
Strain-Relief Grips	Connection Wire	Galvanized steel
	Wide Range (with Gasket)	Galvanized steel wire
	Deluxe Cord Grips	Stainless steel wire
	Liquid-Tight (metallic cond.)	Stainless steel wire
	Liquid-tight (Non-Metallic Cond.)	Stainless steel wire
	Nylon Cord Sealing Grips with Mesh	Nylon
Support Grips	Support Closed	Tinned bronze or stainless steel <sup>1</sup>
	Support Split with Lace	Tinned bronze or stainless steel <sup>1</sup>
	Support Split with Rod	Tinned bronze or stainless steel <sup>1</sup>
	Support Closed, Heavy Duty, Long	Tinned bronze or stainless steel <sup>1</sup>
	Support Split Lace, Heavy Duty, Long	Tinned bronze or stainless steel <sup>1</sup>
	Bus Drop Grips	Galvanized steel wire
	Safety Springs	Spring steel

<sup>1</sup>Stainless steel available on request. Contact your Leviton Representative.



# WIRE MESH SAFETY GRIP SELECTION

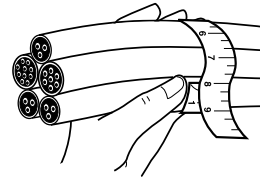
## Industrial Grade Wire Mesh Safety Grips

### Selecting Proper Sized Pulling and Support Grips

#### How to Select Proper Grip Size

Example: For five cables bundled together, each with a diameter of 0.42":

- 1) Locate "5 Cables" column.
- 2) Read down column to range (0.38"-0.48").
- 3) Read across line to Grip Diameter Range (1.00-1.25).



Grip size is based on the outside diameter or circumference of the cable(s). Use Selection Table 1 to determine the Grip Diameter Range for one or more cables of equal diameter. Use Selection Table 2 to determine the Grip Diameter Range for cables of different diameters bundled together. (Note: In this case, the bundle must be measured.) For your convenience, the Reference Tables provide approximate values for flexible cord and AWG or MCM wire.

#### Grip Selection Table for One or More Cables of Equal Diameter

- 1) Read across top line for number of cables in one grip.
- 2) Read down for diameter of each cable.
- 3) Read across line to Grip Diameter Range column

**TABLE 1**

**Decimal and Fractional Inch Cable Diameters—for One or More Cables of Equal Diameter**

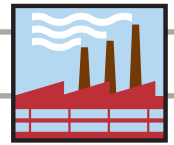
1 CABLE	2 CABLES	3 CABLES	4 CABLES	GRIP DIAMETER RANGE
0.25–0.37 1/4–3/8	0.16–0.25 1/64–1/4	0.15–0.22 5/32–7/32	0.12–0.20 1/8–13/64	.250–.375
0.37–0.50 3/8–1/2	0.25–0.36 1/4–23/64	0.22–0.33 7/32–21/64	0.20–0.28 13/64–9/32	.375–0.50
0.50–0.62 1/2–5/8	0.27–0.36 17/64–23/64	0.26–0.33 17/64–21/64	0.24–0.28 15/64–9/32	0.50–0.75
0.62–0.75 5/8–3/4	0.36–0.45 23/64–29/64	0.33–0.36 21/64–23/64	0.28–0.31 9/32–5/16	0.62–0.75
0.75–1.00 3/4–1	0.45–0.60 29/64–39/64	0.36–0.49 23/64–31/64	0.31–0.42 5/16–27/64	0.75–1.00
1.00–1.25 1–1 1/4	0.60–0.76 39/64–49/64	0.49–0.63 331/64–5/8	0.42–0.54 27/64–35/64	1.00–1.25
1.25–1.50 1 1/4–1 1/2	0.76–0.91 49/64–29/32	0.63–0.76 5/8–49/64	0.54–0.65 35/64–21/32	1.25–1.50
1.50–1.75 1 1/2–1 3/4	0.91–1.08 29/32–1 5/64	0.76–0.89 49/64–57/64	0.65–0.77 21/32–49/64	1.50–1.75
1.75–2.00 1 3/4–2	1.08–1.23 1 5/64–1 5/64	0.89–1.02 57/64–1 1/64	0.77–0.88 49/64–7/8	1.75–2.00
2.00–2.50 2–2 1/2	1.23–1.54 1 5/64–1 35/64	1.02–1.28 1 1/64–1 9/32	0.88–1.00 7/8–1	2.00–2.50
2.50–3.00 2 1/2–3	1.54–1.84 1 35/64–1 27/32	1.28–1.53 1 9/32–1 17/32	1.10–1.32 1 3/32–1 21/64	2.50–3.00
3.00–3.50 3–3 1/2	1.84–2.15 1 27/32–2 5/32	1.53–1.79 1 17/32–1 51/64	1.32–1.54 1 21/64–1 35/64	3.00–3.50
3.50–4.00 3 1/2–4	2.15–2.45 2 5/32–2 29/64	1.79–2.05 1 51/64–2 3/64	1.54–1.76 1 35/64–1 49/64	3.50–4.00

**Decimal and Fractional Inch Cable Diameters—for One or More Cables of Equal Diameter**

5 CABLES	6 & 7 CABLES	8 CABLES	9 CABLES	GRIP DIAMETER RANGE
0.11–0.14 7/64–9/64	0.10–0.11 3/32–7/64	0.09–0.10 3/32–7/64	0.06–0.09 1/16–3/32	.250–.375
0.14–0.25 9/64–1/4	0.11–0.25 7/64–1/4	0.10–0.20 7/64–13/64	0.09–0.19 3/32–3/16	.375–0.50
0.21–0.25 7/32–1/4	0.19–0.22 3/16–7/32	0.17–0.20 11/64–13/64	0.15–0.19 5/32–3/16	0.50–0.75
0.25–0.29 1/4–19/64	0.22–0.26 7/32–17/64	0.20–0.23 13/64–15/64	0.19–0.22 3/16–7/32	0.62–0.75
0.29–0.38 19/64–3/8	0.26–0.34 17/64–11/32	0.23–0.31 15/64–5/16	0.22–0.31 7/32–5/16	0.75–1.00
0.38–0.48 3/8–31/64	0.34–0.43 11/32–7/16	0.31–0.39 5/16–25/64	0.29–0.36 19/64–23/64	1.00–1.25
0.48–0.58 31/64–37/64	0.43–0.52 7/16–33/64	0.39–0.46 25/64–15/32	0.36–0.43 23/64–7/16	1.25–1.50
0.58–0.67 37/64–43/64	0.52–0.60 33/64–39/64	0.46–0.54 15/32–35/64	0.43–0.49 7/16–31/64	1.50–1.75
0.67–0.77 43/64–49/64	0.60–0.69 39/64–11/16	0.54–0.62 35/64–5/8	0.49–0.57 31/64–37/64	1.75–2.00
0.77–0.96 49/64–31/32	0.69–0.86 11/16–55/64	0.62–0.77 5/8–49/64	0.57–0.72 37/64–23/32	2.00–2.50
0.96–1.16 31/32–15/32	0.86–1.03 55/64–1 1/32	0.77–0.93 49/64–15/16	0.72–0.86 23/32–55/64	2.50–3.00
1.16–1.35 1 5/32–1 23/64	1.03–1.20 1 1/32–1 13/64	0.93–1.08 15/16–1 5/64	0.86–1.00 55/64–1	3.00–3.50
1.35–1.54 1 23/64–1 35/64	1.20–1.37 1 13/64–1 3/8	1.08–1.24 1 5/64–1 15/64	1.00–1.14 1–1 9/64	3.50–4.00

# WIRE MESH SAFETY GRIP SELECTION

## Industrial Grade Wire Mesh Safety Grips



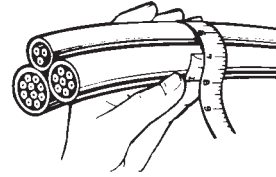
### Selecting Proper Sized Pulling and Support Grips

#### How to Select Proper Grip Size

Example:

For three different diameter cables bundled together with a measured circumference of 6.35".

- 1) Read down Inches (Decimal) column for 6.35" (6.29-7.86 in.).
- 2) Read across line to Grip Diameter Range (2.00-2.50).



#### Grip Selection Table for Cables of Different Diameters

Grip Circumference Range refers to the circumference of all cables held together.

- 1) Determine Grip Circumference Range by measuring circumference of bundle of cables to be held (as shown in illustration).
- 2) Read down to locate correct range.
- 3) Read across line to Grip Diameter Range Column.

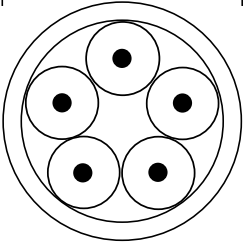
**TABLE 2**

#### Grip Circumference Range—for Cables of Different Diameter

INCHES (FRACTIONAL)	INCHES (DECIMAL)	GRIP DIAMETER RANGE
2 <sup>5</sup> / <sub>32</sub> –1 <sup>1</sup> / <sub>64</sub>	0.78–1.17	.250–.375
1 <sup>1</sup> / <sub>64</sub> –1 <sup>3</sup> / <sub>64</sub>	1.17–1.57	.375–0.50
1 <sup>3</sup> / <sub>64</sub> –1 <sup>5</sup> / <sub>16</sub>	1.57–1.94	0.50–.625
1 <sup>5</sup> / <sub>16</sub> –2 <sup>3</sup> / <sub>8</sub>	1.94–2.37	0.62–0.75
2 <sup>3</sup> / <sub>8</sub> –3 <sup>5</sup> / <sub>32</sub>	2.37–3.15	0.75–1.00
3 <sup>5</sup> / <sub>32</sub> –3 <sup>1</sup> / <sub>16</sub>	3.15–3.94	1.00–1.25
3 <sup>1</sup> / <sub>16</sub> –4 <sup>2</sup> / <sub>32</sub>	3.94–4.72	1.25–1.50
4 <sup>2</sup> / <sub>32</sub> –5 <sup>3</sup> / <sub>64</sub>	4.72–5.51	1.50–1.75
5 <sup>3</sup> / <sub>64</sub> –6 <sup>1</sup> / <sub>64</sub>	5.51–6.29	1.75–2.00
6 <sup>1</sup> / <sub>64</sub> –7 <sup>5</sup> / <sub>64</sub>	6.29–7.86	2.00–2.50
7 <sup>5</sup> / <sub>64</sub> –9 <sup>7</sup> / <sub>16</sub>	7.86–9.43	2.50–3.00
9 <sup>7</sup> / <sub>16</sub> –11 <sup>1</sup> / <sub>64</sub>	9.43–11.01	3.00–3.50
11 <sup>1</sup> / <sub>64</sub> –12 <sup>3</sup> / <sub>64</sub>	11.01–12.58	3.50–4.00

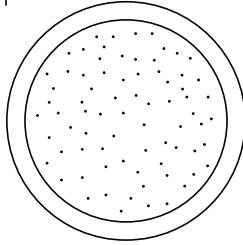
#### Reference Table Cord Diameters

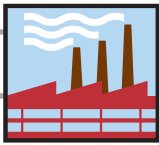
For your convenience, the following are nominal overall diameters (in inches) for flexible cord.

DIAMETER	AT WIRE SIZE AND TYPE	CONDUCTORS			
		2	3	4	5
	18 SO, STO	.36	.38	.41	.49
	18 SJO, SJTO	.30	.32	.35	—
	16 SO, STO	.39	.41	.44	.52
	16 SJO, SJTO	.32	.34	.37	—
	14 SO, STO	.52	.55	.59	.67
	12 SO, STO	.60	.62	.68	.74
	10 SO, STO	.65	.69	.74	.80
	8 SO, STO	.83	.88	.99	1.08
	6 SO, STO	.99	1.04	1.12	1.25

#### Reference Table AWG or MCM Diameters

This table is to be used as a guide only. Sizes may vary by manufacturer.

DIAMETER	AWG OR MCM	APPROX. DIA. (INCHES)		AWG OR MCM	APPROX. DIA. (INCHES)	
		THHN	THW		THHN	THW
	14	.105	.162	3/0	.588647	
	12	.122	.179	4/0	.646	.705
	10	.153	.199	250	.716	.788
	8	.201	.259	300	.771	.843
	6	.257	.323	350	.822	.895
	4	.328	.372	400	.869	.942
	3	.356	.401	500	.955	1.03
	2	.388	.433	600	1.06	1.14
	1	.450	.508	700	1.13	1.21
	1/0	.491	.549	750	1.16	1.25
	2/0	.537	.595	1000	1.32	1.40



## WIRE MESH SAFETY GRIP SELECTION

### Industrial Grade Wire Mesh Safety Grips

#### Selecting Proper Sized Pulling and Support Grips

##### Strength Information

The approximate breaking strength of any Leviton Wire Mesh Safety Grip is based on working load information established by our engineering laboratories. In making these determinations, it is not possible to cover all applications and operating conditions. Variables such as diameter, gripping surface, number of items gripped, tension, movement, attachments, abrasion, corrosion, prior use and abuse must be assessed by the user. Greater safety factors should be utilized when the conditions of application are vague or unknown.

For specific applications where strength and holding power are important, consult Leviton's Technical Services Department. To determine the recommended working load safety factor for listed cable grips, divide the approximate breaking strength by 5 for pulling grips and by 10 for support grips. Leviton maintains a 6 Sigma Safety Factor for this recommended working load (using average break strengths obtained on new grips under lab test conditions).

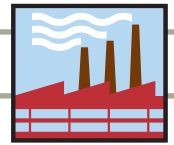
**Example:** For pulling grips— $33,000 \div 5 = 6,600$  lbs. which is the workload factor.

**Example:** For support grips— $10,080 \div 10 = 1,008$  lbs. which is the workload factor.

All warranties concerning product quality or performance are based on wire mesh safety grips that are properly stored and handled by the user, and grips that are maintained and inspected at a proper frequency in keeping with their use and condition.

##### Grip Cable Range—Fraction—Decimal—Millimeter Conversion

INCHES (FRACTIONAL)	INCHES (DECIMAL)	METRIC (mm)
$1/4$ – $23/64$	0.25–0.36	6.35–9.13
$3/8$ – $31/64$	0.37–0.49	9.52–12.30
$1/2$ – $39/64$	0.50–0.61	12.70–15.48
$5/8$ – $47/64$	0.62–0.74	15.88–18.65
$3/4$ – $63/64$	0.75–0.99	19.05–25.00
1– $1^{15}/64$	1.00–1.24	25.40–31.35
$1^{1/4}$ – $1^{31}/64$	1.25–1.49	31.75–37.70
$1^{1/2}$ – $1^{63}/64$	1.50–1.99	38.10–50.40
2– $2^{31}/64$	2.00–2.49	50.80–63.10
$2^{1/2}$ – $2^{63}/64$	2.50–2.99	63.50–75.80
3– $3^{31}/64$	3.00–3.49	76.20–88.50
$3^{1/2}$ – $3^{63}/64$	3.50–3.99	88.90–101.20







### PULLING GRIPS

Leviton Pulling Grips are reusable tools for pulling bare conductors, insulated wires, synthetic rope, wire rope, and fiber optic cable. These grips do not damage the cable, as the tension remains uniform throughout the length of the grip. The mesh responds to fit either a single cable or a bundle of cables.

Leviton Pulling Grips may be used for pulling cable on overhead or underground applications, for stringing service or communication lines into factories, for pulling wire through conduit, and for underground electrical pulls.

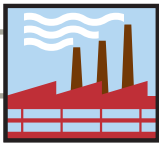
Leviton Pulling Grips are woven in galvanized steel for greater strength and longer life. Leviton also offers Pulling Kits in the P, PJ, PL, PM, and PS Series. These kits come in a vinyl mat with pockets that can be rolled and tied.

#### Pulling Grip Eye Options

DESCRIPTION	SERIES	PAGE NO.	ATTACHMENT INFORMATION
Bale Eye—Medium Duty, Single/Double Weave	PM	Q9	 <b>Bale Eye</b> Attachment flexes to follow line of pull with plastic tubing on bale.
Bale Eye—Medium and Heavy Duty, Single/Double Weave	P	Q10	
DESCRIPTION	SERIES	PAGE NO.	ATTACHMENT INFORMATION
Flexible Eye—Junior Duty, Single Weave	PJ	Q8	
Flexible Eye—Light Duty, Single Weave	PL	Q8	 <b>Flexible Rope Eye</b> Bale has no plastic tubing for better flexibility.
Flexible Eye—for Fiber Optic, Multi-Weave	PF	Q9	
Flexible Eye—High Duty, Multi-Weave	PHS	Q13	
DESCRIPTION	SERIES	PAGE NO.	ATTACHMENT INFORMATION
Slack Grips, Closed Mesh, Double Weave	SCK	Q14	 <b>Offset Flexible Eye</b> For easy attachment of the pulling line.
Slack Grips, Split Lace Mesh, Double Weave	SSK	Q14	
Slack Grips, Split Rod Mesh, Single Weave	SRK	Q14	
DESCRIPTION	SERIES	PAGE NO.	ATTACHMENT INFORMATION
Rotating Eye—Heavy Duty, Double Weave	PS	Q11	 <b>Rotating Eye</b> For use in changing wire rope in large cranes and derricks.
Rotating Eye—Heavy Duty, Multi-Weave	PR	Q12	

Note: To determine workload safety factor, divide approximate break strength by 5. See page Q6 for strength information





## WIRE MESH PULLING GRIPS

### Industrial Grade Wire Mesh Safety Grips



**L8503**

*PJ Junior Duty Series Grips are indispensable tools for electricians with small job requirements. They are used to connect insulated wire bundles to pulling tape or to pull wire rope through conduit.*



**L8511**

*PL Light Duty Grips are the most economical pulling grips for many applications, such as industrial plant wiring, rewiring, and underground electrical pulls.*

#### Pulling Grips—PJ Series <sup>SP</sup>

##### Single Weave, Flexible Eye, Junior Duty

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8500	0.25–0.36	1,700	5
L8501	0.37–0.49	1,700	7
L8502	0.50–0.61	1,700	8
L8503	0.62–0.74	2,800	10
L8504	0.75–0.99	4,100	10
L8505	1.00–1.24	4,100	12

##### Single Weave, Flexible Eye, Junior Duty—Kit

KIT CAT. NO.	KIT INCLUDES ONE EACH OF CAT. NO.
L8510	L8500
	L8501
	L8502
	L8503
	L8504
	L8505

#### Pulling Grips—PL Series <sup>SP</sup>

##### Single Weave, Flexible Rope Eye, Light Duty, Short

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8511	0.50–0.61	3,400	12
L8512	0.62–0.74	4,100	14
L8513	0.75–0.99	4,100	14
L8514	1.00–1.24	5,800	16.5
L8515	1.25–1.49	5,800	17
L8516	1.50–1.74	7,500	20
L8517	1.75–1.99	10,000	23
L8518	2.00–2.49	10,000	23
L8519	2.50–2.99	13,000	23

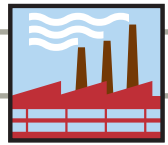
##### Single Weave, Flexible Rope Eye, Light Duty, Medium

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8523	0.50–0.61	3,400	16
L8524	0.62–0.74	4,100	16
L8525	0.75–0.99	4,100	20
L8526	1.00–1.24	7,500	20
L8527	1.25–1.49	7,500	22
L8528	1.50–1.99	7,500	25
L8529	2.00–2.49	10,000	26
L8530	2.50–2.9	13,000	28
L8531	3.00–3.49	16,200	30
L8532	3.50–3.99	19,400	32

##### Single Weave, Flexible Rope Eye, Light Duty, Medium—Kit

KIT CAT. NO.	KIT INCLUDES ONE EACH OF CAT. NO.
L8540	L8525
	L8526
	L8528
	L8529

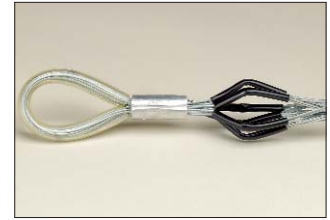
*\*To determine workload safety factor, divide approximate break strength by 5. See page Q6 for strength information.*



### Pulling Grips—PM Series

#### Single/Double Weave, Bale Eye, Medium Duty

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8541	0.37–0.49	2,500	12
L8542	0.50–0.74	3,400	14
L8543	0.75–0.99	5,500	18
L8544	1.00–1.24	8,100	22
L8545	1.25–1.49	8,100	24
L8546	1.50–1.99	8,100	26



**L8545**  
Single/Double Weave Pulling Grips are ideal for longer pull applications.

#### Single/Double Weave, Bale Eye, Medium Duty—Kit

KIT CAT. NO.	KIT INCLUDES ONE EACH OF CAT. NO.
L8550	L8541
	L8542
	L8543
	L8544
	L8545
	L8546

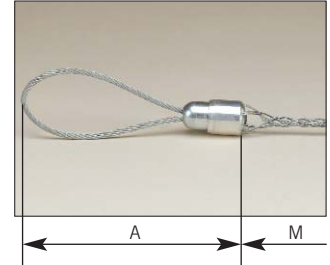
### Pulling Grips—Fiber Optic PF Series

Fiber Optic Pulling Grips are used for installation of fiber optic communication lines. They easily install on cables and are reusable. Applications include underground, overhead, through-conduit and/or enclosure type pulls.

Leviton fiber optic pulling grips are two-in-one reusable grips: the same tool features both a flexible eye and a swivel eye. The rounded, flexible eye attaches easily to pulling lines, and allows smoother passage through tight spaces than needle-eye designs.

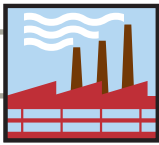
#### Flexible/Swivel Eye Fiber Optic Grips Multi Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)		
			BALE (DIM. A)	MESH (DIM. M)	NOSE DIA.
L8801	.10–.20	1,000	4.75	9	.8
L8802	.21–.35	1,500	4.75	14	.8
L8803	.35–.48	2,200	5.00	18	.9
L8804	.42–.61	2,800	5.00	21	.9
L8805	.53–.74	3,300	5.00	24	1.2
L8806	.64–.87	4,700	5.00	27	1.2



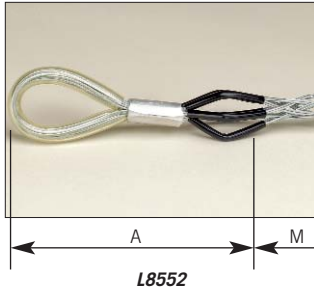
**L8801**  
Fiber Optic Grips are made to pull delicate communication and data lines that have a much smaller cable diameter.

\*To determine workload safety factor, divide approximate break strength by 5. See page Q6 for strength information.



## WIRE MESH PULLING GRIPS

### Industrial Grade Wire Mesh Safety Grips



#### Pulling Grips—P Series <sup>SR</sup>

Leviton's P Series is recommended for heavy or rugged applications, and is ideally suited for overhead and underground installations. They are offered in short, standard or long mesh lengths.

##### Single/Double Weave, Bale Eye, Medium Duty, Short

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES)		EYE SIZE (INCHES)
				BALE (DIM. A)	MESH (DIM. M)	
L8551	0.50–0.61	0.55	4,500	8	21	7/32
L8552	0.62–0.74	0.68	5,600	8	24	1/4
L8553	0.75–0.99	0.87	6,800	8	24	1/4
L8554	1.00–1.49	1.25	9,600	9	24	5/16
L8555	1.50–1.99	1.75	16,400	11	24	7/16
L8556	2.00–2.49	2.25	18,500	12	24	7/16
L8557	2.50–2.99	2.75	24,500	12	24	1/2
L8558	3.00–3.49	3.25	24,500	14	24	1/2
L8559	3.50–3.99	3.75	31,000	14	26	5/8

##### Single/Double Weave, Bale Eye, Medium Duty, Standard

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES)		EYE SIZE (INCHES)
				BALE (DIM. A)	MESH (DIM. M)	
L8563	0.75–0.99	0.87	6,800	9	36	1/4
L8564	1.00–1.49	1.25	9,600	9	36	5/16
L8565	1.50–1.99	1.75	16,400	11	36	7/16
L8566	2.00–2.49	2.25	18,500	12	36	7/16
L8567	2.50–2.9	2.75	24,500	12	36	1/2
L8568	3.00–3.49	3.25	24,500	14	36	1/2
L8569	3.50–3.99	3.75	31,000	14	40	5/8

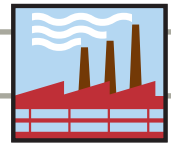
##### Single/Double Weave, Bale Eye, Medium Duty, Standard—Kit

KIT CAT. NO.	KIT INCLUDES ONE EACH OF CAT. NO.
L8560	L8563
	L8564
	L8565
	L8566

##### Single/Double Weave, Bale Eye, Heavy Duty, Long

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	MESH DIM. M (INCHES)
L8572	0.75–0.99	0.87	8,100	48
L8573	1.00–1.49	1.25	11,600	48
L8574	1.50–1.99	1.75	19,400	48
L8575	2.00–2.49	2.25	19,400	48
L8576	2.50–2.99	2.75	25,900	48
L8577	3.00–3.49	3.25	25,900	48
L8578	3.50–3.99	3.75	32,400	48

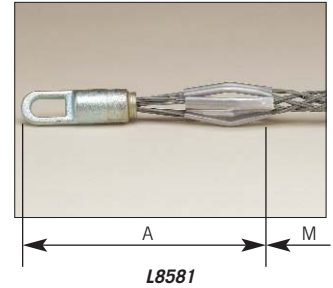
Note: See installation instructions supplied with grip for recommended swivels, links and clamps or accessories listing.  
 \*To determine workload safety factor, divide approximate break strength by 5. See page Q6 for strength information.



### Pulling Grips—PS Series

PS Series grips feature a double weave of galvanized steel strands for greater strength and added mesh contact with the cable. Leviton Double Weave Pulling Grips are designed to handle longer or heavier pulling jobs such as installation of underground cables, communication lines, and service lines.

Double Weave Pulling Grips have a forged steel compact rotating eye which can be attached to a swivel.



#### Double Weave, Rotating Eye, Heavy Duty, Short

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES)		EYE SIZE (INCHES)
				BALE (DIM. A)	MESH (DIM. M)	
L8581	0.50–0.61	0.55	5,600	5	11	7/8
L8582	0.62–0.74	0.68	6,800	5	11	7/8
L8583	0.75–0.99	0.87	9,600	6	20	1
L8584	1.00–1.24	1.12	16,400	7	20	1 3/8
L8585	1.25–1.49	1.37	16,400	7	21	1 3/8
L8586	1.50–1.99	1.74	27,200	7	25	1 5/8
L8587	2.00–2.49	2.24	33,000	8	26	1 7/8
L8588	2.50–2.99	2.74	41,000	10	28	1 7/8
L8589	3.00–3.49	3.24	48,000	10	30	1 7/8
L8591	3.50–3.99	3.74	48,000	10	32	1 7/8
L8592	4.00–4.49	4.24	48,000	10	33	1 7/8

#### Double Weave, Rotating Eye, Heavy Duty, Standard

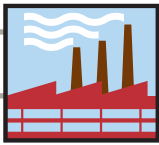
CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES)		EYE SIZE (INCHES)
				BALE (DIM. A)	MESH (DIM. M)	
L8601	0.50–0.61	0.55	5,600	5	16	7/8
L8602	0.62–0.74	0.68	6,800	5	16	7/8
L8603	0.75–0.99	0.87	9,600	6	32	1
L8604	1.00–1.49	1.12	16,400	7	33	1 3/8
L8605	1.50–1.99	1.74	16,400	7	34	1 3/8
L8606	2.00–2.49	2.24	27,200	9	36	1 5/8
L8607	2.50–2.99	2.74	33,000	10	38	1 7/8
L8608	3.00–3.49	3.24	41,000	10	39	1 7/8
L8609	3.50–3.99	3.74	48,000	10	41	1 7/8
L8611	4.00–4.49	4.24	48,000	10	42	1 7/8
L8612	4.50–4.99	4.74	48,000	10	58	1 7/8
L8613	5.00–5.99	5.49	48,000	10	60	1 7/8
L8614	6.00–6.99	6.49	48,000	10	66	1 7/8

#### Double Weave, Rotating Eye, Heavy Duty, Standard—Kit

KIT CAT. NO.	KIT INCLUDES ONE EACH OF CAT. NO.
L8600	L8603
	L8604
	L8605
	L8606

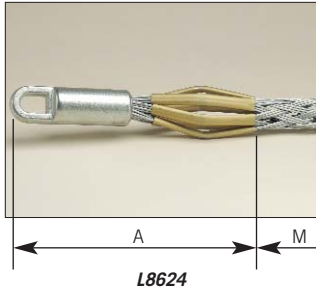
Note: See installation instructions supplied with grip for recommended swivels, links and clamps or accessories listing.

\*To determine workload safety factor, divide approximate break strength by 5. See page Q6 for strength information.



## WIRE MESH PULLING GRIPS

### Industrial Grade Wire Mesh Safety Grips



L8624

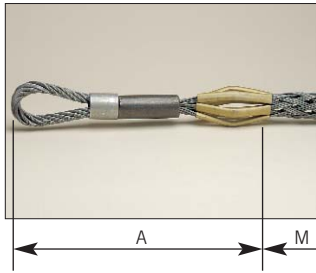
#### Pulling Grips—Multi-Weave Grips PR Series <sup>SP</sup>

Leviton Multi-Weave Pulling Grips are constructed of high strength galvanized steel strands and are designed for pulling aluminum or copper bare conductor, wire rope and insulated cables. These grips are used in applications such as distribution line stringing and overhead transmission.

Multi-Weave Pulling Grips are available with a flexible or rotating eye which can be attached to a swivel. The forged steel flexible eye will thread through sheaves and blocks without binding, but is not a swivel and will not turn under tension. The rotating eye can turn to relieve pulling torque when tension is relaxed.

#### Multi-Weave, Rotating Eye

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES)		COLOR CODE	EYE SIZE (INCHES)
				BALE (DIM. A)	MESH (DIM. M)		
L8621	0.25–0.49	3/8	6,800	5	26	Dk. Green	7/8
L8622	0.50–0.74	5/8	10,000	6	32	Brown	1
L8623	0.75–0.99	7/8	14,400	6	41	Lt. Blue	1
L8624	1.00–1.24	1 1/8	24,600	8	52	Gold	1 3/8
L8625	1.25–1.49	1 3/8	30,600	8	56	Black	1 5/8
L8626	1.50–1.74	1 5/8	30,600	9	60	Red	1 7/8
L8627	1.75–1.99	2	48,000	10	70	Dk. Blue	1 7/8
L8628	2.00–2.49	2 1/4	48,000	10	50	Yellow	1 7/8
L8629	2.50–2.99	2 3/4	48,000	10	52	Orange	1 7/8
L8631	3.00–3.49	3 1/4	48,000	10	54	Alum.	1 7/8
L8632	3.50–3.99	3 3/4	48,000	10	56	Lt. Green	1 7/8



L8644

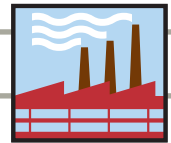
#### Multi-Weave, Flexible Eye

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES)		COLOR CODE	EYE SIZE (INCHES)
				BALE (DIM. A)	MESH (DIM. M)		
L8641	0.25–0.49	3/8	6,800	9	26	Dk. Green	1/4
L8642	0.50–0.74	5/8	10,000	9	32	Brown	5/16
L8643	0.75–0.99	7/8	14,400	11	41	Lt. Blue	3/8
L8644	1.00–1.24	1 1/8	24,600	12	52	Gold	1/2
L8645	1.25–1.49	1 3/8	30,600	12	56	Black	1/2
L8646	1.50–1.74	1 5/8	30,600	12	60	Red	1/2
L8647	1.75–1.99	2	48,000	15	70	Dk. Blue	5/8
L8648	2.00–2.49	2 1/4	48,000	18	50	Yellow	5/8
L8649	2.50–2.99	2 3/4	48,000	18	52	Orange	5/8
L8651	3.00–3.49	3 1/4	48,000	18	54	Alum.	5/8
L8652	3.50–3.99	3 3/4	48,000	18	56	Lt. Green	5/8

*Note: It is recommended that a swivel be used for release of torque during a pull. Use a connecting link when a swivel is not needed. Do not run grips or swivels over bullwheels while under tension. Do not use Multi-Weave for pulling rope. When higher loads are required, use Leviton's high strength-style pulling grips. See installation instructions supplied with grip for recommended swivels, links and clamps or accessories listing.*

*\*To determine workload safety factor, divide approximate break strength by 5. See page Q6 for strength information.*





### Pulling Grips—High Strength Grips PHS Series

High Strength Pulling Grips are designed for situations where load and safety considerations require an extra high strength grip. They are most commonly used for attaching pulling lines to conductors, conductors to running boards, and conductor-to-conductor connections. These grips can be used for pulling bare or insulated conductor, wire rope or synthetic rope.

A feed tube is used when assembling synthetic rope<sup>1</sup> into the High Strength Pulling Grip and is required on the two largest grip sizes.

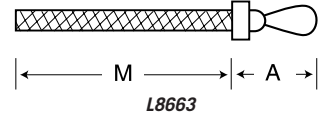


#### Multi-weave Flexible Eye

CAT. NO.	GRIP RANGE O. D. (INCHES)		APPROX. BREAK STRENGTH*	LENGTH (INCHES)		COLOR CODE	FLEXIBLE EYE SIZE (INCHES)
	ROPE <sup>1</sup>	CONDUCTOR		BALE (DIM. A)	MESH (DIM. M)		
L8660	0.25–0.65	0.19–0.37	6,500	10	24	Black	.218
L8661	0.50–0.90	0.38–0.62	14,000	13	26	Dk. Green	.375
L8662	0.75–1.10	0.63–0.87	20,000	14	48	Red	.437
L8663	1.00–1.50	0.88–1.12	30,600	15	60	Dk. Blue	.500
L8664	1.25–1.70	1.13–1.37	46,800	18	76	Yellow	.625
L8665	1.50–2.10	1.38–1.90	66,500	24	89	Aluminum	.750

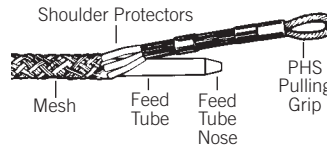
<sup>1</sup>For rope, select smallest size grip which meets required workload.

\*To determine workload safety factor, divide approximate break strength by 5. See page Q6 for strength information.



#### Recommended Rope Assembly Using High Strength Feed Tube

- 1) Insert feed tube into High Strength Pulling Grip.
- 2) Insert rope end fully into feed tube.
- 3) Hold rope in feed tube by pinning rope to the ground with end of tube. Pull mesh down onto feed so feed tube nose is protruding through shoulder protectors as shown.
- 4) Push mesh to end of feed tube and pull feed tube through mesh. When tube is pulled, the mesh gripping action will hold rope in place.
- 5) Position rope so that its end is inside the shoulder protectors. Remove slack from mesh by smoothing mesh tight to rope.
- 6) Apply clamps to mesh end.



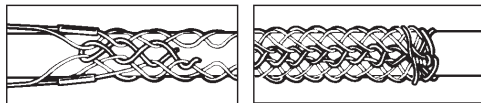
#### Split-Lace/Split-Rod Attachments (for use where end of cable is not accessible—applies to slack grips only)

Beginning at the end of the grip closest to the bale fitting, thread the lacing through the first two loops of the split, pulling the lace through until the ends are centered evenly. Cross the laces and thread them through the next two loops, and so on down the grip, being careful not to pull the lacing too tight.

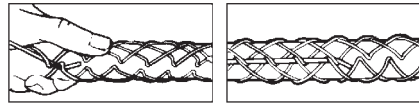
Spacing of the laced closure should be approximately the same as the mesh weave. When the end of grip is reached, twist the lacing strands tightly together, wrapping the ends of the lace around the grip, and twisting again to secure. Excess length may be cut off.

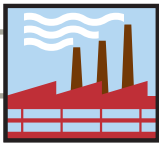
Split grips with rod closing are economical, since they are quickly installed, and are reusable. Simply wrap the grip around the cable and thread the rod through the loops, using a corkscrew motion. To remove, pull the rod out, and the grip is ready for re-use.

#### Split-Lace



#### Split-Rod





## WIRE MESH PULLING GRIPS

### Industrial Grade Wire Mesh Safety Grips

#### PULLING GRIPS—SLACK GRIPS

Slack Grips are reusable grips used for pulling slack in underground cable preparatory to final placement. They may also be used for cable removal. Slack Grips feature an offset eye for easy attachment to the pulling line. See attachment information for split lace and split rod on page Q13.



L8671

#### Pulling Grips—Slack Grips SCK Series

##### Closed Mesh, Double Weave, Offset Eye, Heavy Duty, Medium

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8671	0.75–0.99	3,000	13
L8672	1.00–1.24	4,200	16
L8673	1.25–1.49	5,500	17
L8674	1.50–1.74	7,400	18
L8675	1.75–1.99	11,000	19
L8676	2.00–2.49	11,000	20
L8677	2.50–2.99	11,000	21
L8678	3.00–3.49	16,000	22
L8679	3.50–3.99	16,000	23

##### Closed Mesh, Double Weave, Offset Eye, Heavy Duty, Long

L8681	0.75–0.99	3,000	21
L8682	1.00–1.24	5,500	21
L8683	1.25–1.49	5,500	24
L8684	1.50–1.99	7,400	26
L8685	2.00–2.49	11,000	27
L8686	2.50–2.99	11,000	30
L8687	3.00–3.49	16,000	33
L8688	3.50–3.99	16,000	36

#### Pulling Grips—Slack Grips SSK Series

##### Split Lace, Double Weave, Offset Eye, Heavy Duty, Medium

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8691	0.75–0.99	3,000	13
L8692	1.00–1.24	4,100	16
L8693	1.25–1.49	4,100	17
L8694	1.50–1.74	5,500	18
L8695	1.75–1.99	7,300	19
L8696	2.00–2.49	7,300	20
L8697	2.50–2.99	7,300	21
L8698	3.00–3.49	9,200	22
L8699	3.50–3.99	11,000	23

##### Split Lace, Double Weave, Offset Eye, Heavy Duty, Long

L8701	0.75–0.99	3,000	21
L8702	1.00–1.24	4,100	21
L8703	1.25–1.49	4,100	24
L8704	1.50–1.99	5,500	25
L8705	2.00–2.49	7,300	27
L8706	2.50–2.99	7,300	30
L8707	3.00–3.49	9,200	33
L8708	3.50–3.99	11,000	36

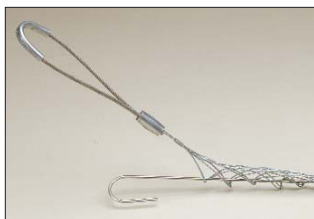
#### Pulling Grips—Slack Grips SRK Series

##### Split Rod, Single Weave, Offset Eye, Heavy Duty, Medium

L8711	0.50–0.61	1,800	7
L8712	0.62–0.74	1,900	9
L8713	0.75–0.99	3,000	11
L8714	1.00–1.24	4,100	12
L8715	1.25–1.49	5,700	14
L8716	1.50–1.74	5,800	16
L8717	1.75–1.99	7,700	17
L8718	2.00–2.49	9,300	20
L8719	2.50–2.99	11,300	21
L8721	3.00–3.49	15,100	22
L8722	3.50–3.99	15,100	25



L8703



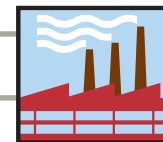
L8711

\*To determine workload safety factor, divide approximate break strength by 5. See page Q6 for strength information.

To learn more about Leviton's outstanding offering of devices visit our Website at: [www.leviton.com](http://www.leviton.com)

# WIRE MESH STRAIN-RELIEF GRIPS

## Industrial Grade Wire Mesh Safety Grips



### STRAIN-RELIEF GRIPS

Strain-Relief Grips are used to connect cord or cable to electrical enclosures and equipment. These grips prevent pullout due to tension and limit the arc of bend at the point of entry; strain is distributed over the length of mesh rather than concentrated at one point or transferred to the internal termination.

### Wide-Range Grips

Wide-Range Grips are recommended for use in wiring of enclosures, power boxes, machine tools, and power centers. They include an insulated bushing (dust-tight).

#### Single Weave Galvanized Steel Mesh

CAT. NO.	CABLE DIA. RANGE (INCHES)	NPT SIZE (INCHES)	MESH LENGTH @ NOMINAL DIA. (INCHES)	MINIMUM DISTANCE BETWEEN GRIPS (INCHES)
L7501	0.22–0.32	1/2	4	1 1/4
L7502	0.30–0.43	1/2	4 1/2	1 1/4
L7503	0.40–0.54	1/2	5 1/2	1 1/4
L7504	0.52–0.73	3/4	5 1/2	1 1/2
L7505	0.70–0.97	1	8	1 7/8
L7506	0.94–1.25	1 1/4	9	2 3/8
L7507	1.20–1.50	1 1/2	11	2 5/8
L7508	1.40–1.75	2	13	3 1/4
L7509	1.62–2.00	2 1/2	13 1/2	3 5/8
L7511	2.00–2.45	2 1/2	13 1/2	3 5/8



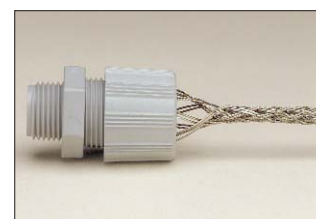
**L7504**  
Galva. Steel mesh

### Cord Sealing Grips

Cord Sealing Grips with Mesh are nylon devices used to connect electrical cables to boxes, cabinets, push-buttons, enclosures, etc. They are liquid-tight devices that are highly resistant to impact and corrosion. Non-metallic cord sealing grips will not support combustion. The ratings are: Wire Mesh Grip-94 HB and Fitting-94V-2. Cord Sealing Grip products are suitable for use in wet locations so long as a listed sealing ring is used between the box and the fitting.

#### Nylon Cord Sealing Grips with Mesh—Straight and 90°

CAT. NOS.	STAINLESS STEEL MESH		NON-METALLIC MESH		CABLE DIA. RANGE (INCHES)	NPT (FORM SIZE)
	STRAIGHT	90°	STRAIGHT	90°		
L7521	—	L7522	L7524	.187–.250		
—	L7527	—	L7528	.250–.312		
—	L7532	—	L7533	.312–.375	1/2"	
—	L7536	—	—	.375–.437	(F2)	
L7538	L7541	L7539	L7542	.437–.500		
L7543 <sup>1</sup>	L7544 <sup>1</sup>	—	—	.500–.562		
L7545 <sup>1</sup>	L7546 <sup>1</sup>	—	—	.562–.625		
L7601	—	L7602	L7604	.187–.250		
L7605	—	—	—	.250–.375		
—	L7612	—	—	.375–.437		
—	L7549	—	L7551	.437–.562	3/4"	
L7552	L7554	L7553	L7555	.500–.625	(F3)	
L7556	L7558	—	L7559	.562–.687		
L7561	L7563	L7562	—	.625–.750		
L7565 <sup>1</sup>	L7566 <sup>1</sup>	—	—	.687–.812		
L7567	—	L7568	L7569	.437–.562		
—	L7573	—	L7574	.500–.625		
—	L7582	—	L7583	.625–.750	1"	
L7584	—	—	L7587	.687–.812	(F4)	
L7588	—	—	L7592	.750–.875		
L7597	—	—	—	.875–1.000		



**L7521**  
Straight—SS mesh



**L7527**  
90°—SS mesh

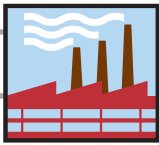


**L7553**  
Straight—nylon mesh

<sup>1</sup>Cable jacket may have to be stripped for clearance. NOTE: F2, F3 and F4 are fitting form sizes.

\*Cord Sealing Grips with non-metallic mesh are UL Listed and CSA Certified. Cord Sealing Grips with stainless steel mesh are CSA Certified only.

Wire Mesh Safety Grips



# WIRE MESH STRAIN-RELIEF GRIP DIMENSIONS

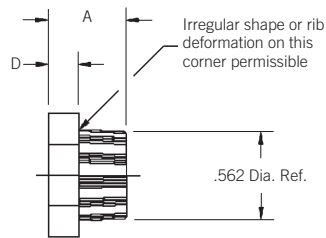
## Industrial Grade Wire Mesh Safety Grips

### Strain-Relief Grips—Dimensions

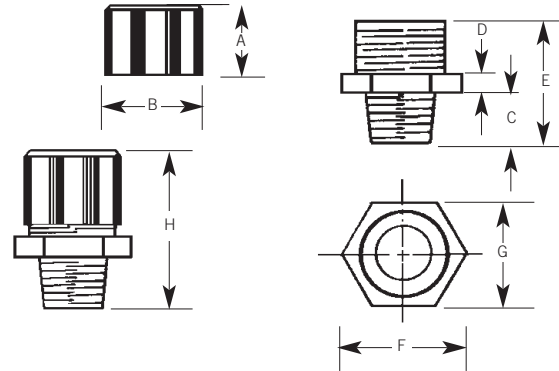
#### Dimensions for Nylon Cord-Sealing Fittings, Straight Body

FORM	NPT	A	B	C	D	E	F	G	H (REF.)
0	1/4"	.500	.778	.370	.187	.921	.778	.687	1.25
1	3/8"	1.000	1.150	.500	.250	1.250	1.115	1.000	1.85
2	1/2"	1.000	1.300	.500	.300	1.450	1.250	1.100	2.00
3	3/4"	1.000	1.500	.550	.375	1.700	1.578	1.375	2.00
4	1"	1.000	1.850	.687	.375	1.800	1.900	1.650	2.12
5	1 1/4"	1.000	2.050	.687	.375	1.800	2.100	1.850	2.12

#### Form 0

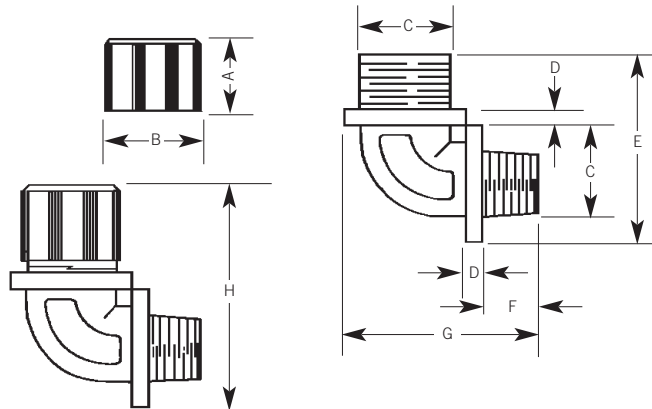


#### Forms 1-5



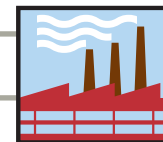
#### Dimensions for Nylon Cord-Sealing Fittings, 90° Body

FORM	NPT	A	B	C	D	E	F	G	H (REF.)
1	3/8"	1.000	1.150	1.100	.187	1.812	.450	1.687	2.35
2	1/2"	1.000	1.300	1.165	.187	1.900	.578	1.820	2.40
3	3/4"	1.000	1.500	1.600	.187	2.421	.593	2.218	2.75
4	1"	1.000	1.850	1.850	.187	2.656	.800	2.700	3.00
5	1 1/4"	1.000	2.050	1.965	.187	2.859	.750	2.812	3.25



# WIRE MESH STRAIN-RELIEF GRIPS

## Industrial Grade Wire Mesh Safety Grips



### Deluxe Cord Grips

Deluxe Cord Grips are woven of stainless steel mesh with an anodized aluminum body for corrosion resistance. They are offered in Single/Double Weave construction to help absorb direct pull, resist flexing and binding, and eliminate strain. Aluminum fittings are offered in a variety of NPT thread sizes. They are recommended for indoor or outdoor use where moisture may be present in the wiring of pendant stations, processing equipment, hand tools, and extension cord sets. They are UL Listed and CSA Certified. Deluxe Cord Grips are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 and 2; and Class III, Div. 1 and 2. They are also suitable for use in wet locations as long as a listed sealing ring is used between the box and the fitting.

#### Single/Double Weave

CAT. NOS. STRAIGHT MALE	90° MALE	45° MALE	STRAIGHT FEMALE	CABLE. DIA. RANGE (INCHES)	NPT SIZE
L7701	—	—	—	.187-.250	
L7702	—	—	—	.250-.312	
L7703	—	—	L7822	.312-.375	3/8"
L7704	—	—	—	.375-.437	
L7705	L7761	—	—	.187-.250	
L7706	—	L7802	—	.250-.375	
L7707	L7763	L7803	L7826	.375-.500	1/2"
L7708	L7764	L7804	L7827	.500-.625	
L7709	—	—	—	.625-.750	
L7711	L7765	L7805	—	.250-.375	
L7712	—	L7806	—	.375-.500	
L7700	L7767	L7807	L7831	.500-.625	3/4"
L7713	L7768	L7808	L7832	.625-.750	
L7714	—	—	—	.750-.875	
L7715	L7769	—	—	.437-.562	
L7716	—	—	L7833	.562-.687	
L7717	L7772	—	L7834	.625-.750	1"
L7718	—	—	—	.750-.875	
L7719	—	—	L7836	.875-1.000	
L7721	—	—	—	1.000-1.125	
L7722	—	—	—	1.125-1.250	
L7723	—	—	—	.750-.875	
L7724	—	—	—	.875-1.000	
L7725	—	L7810	—	1.000-1.125	1 1/4"
L7726	L7778	—	—	1.125-1.250	
L7727	—	L7820	—	1.250-1.375	
L7728	L7781	—	—	.750-.875	
L7729	L7782	—	—	.875-1.000	
L7731	—	—	—	1.000-1.125	1 1/2"
L7732	L7784	—	—	1.125-1.250	
L7733	L7785	—	—	1.250-1.375	
L8011	—	—	—	1.312-1.437	
L7770	—	—	—	1.437-1.562	
L7750	—	—	—	1.562-1.687	
L7760	—	—	—	1.687-1.812	
L7780	—	—	—	1.750-1.875	
L7734	—	—	—	1.250-1.375	
L7736	—	—	—	1.500-1.625	2"
L7737	L7789	—	—	1.625-1.750	
—	L7791	—	—	1.750-1.875	
L8012	—	—	—	1.812-1.937	
L8013	—	—	—	1.937-2.062	
L7730	—	—	—	2.187-2.312	
L7739	—	—	—	1.688-1.812	
L7742	—	—	—	1.937-2.062	2-1/2"
L7743	—	—	—	2.062-2.187	
L7744	—	—	—	2.187-2.312	
L7745	—	—	—	1.750-1.875	
L7746	—	—	—	1.875-2.000	
L7747	—	—	—	2.000-2.125	
L7748	—	—	—	2.125-2.250	
L7751	—	—	—	2.312-2.437	
L7752	—	—	—	2.437-2.625	
L7754	—	—	—	2.812-3.000	
L7755	—	—	—	3.000-3.250	



**L7701**  
Straight—Male



**L7761**  
90°—Male



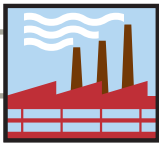
**L7802**  
45°—Male



**L7822**  
Straight—Female

Wire Mesh Safety Grips





# WIRE MESH STRAIN-RELIEF GRIPS

## Industrial Grade Wire Mesh Safety Grips



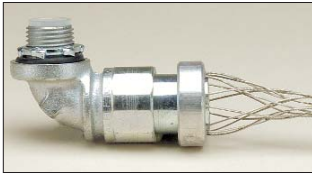
**L7902**  
Straight—Male



**L7922**  
90°—Male



**L7951**  
Straight—Female



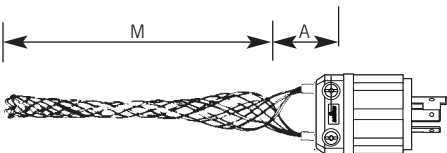
**L7990**  
90°—Male



**L7965**  
Straight—Male



**L8003**



### Liquid-Tight Grips

Liquid-Tight Grips are woven stainless steel mesh with an anodized aluminum body for corrosion-resistance. They are used to connect liquid-tight flexible metal conduit to electrical enclosures to prevent conduit pullout. Each fitting is supplied with an insulated throat to ensure conductor insulation and protect against damage caused by flexing, heat expansion or contraction.

Liquid-Tight Grips are recommended in the wiring of motors and any electrical enclosure where liquid-tight conduit is subject to motion or strain. UL Listed and CSA Certified.

#### Liquid-Tight Grips

CAT. NOS. STRAIGHT MALE	90° MALE	45° MALE	STRAIGHT FEMALE	FITTING SIZE (INCHES)	MESH LENGTH (INCHES)
—	—	L7931	L7951	3/8	25/8
L7902	L7916	L7932	—	1/2	37/8
L7903	L7917	—	L7953	3/4	43/8
L7904	—	—	L7954	1	51/4
L7905	L7919	—	—	1 1/4	55/8
L7906	L7921	—	—	1 1/2	53/4
L7907	L7922	—	—	2	7 1/2
L7908	—	—	—	2 1/2	95/8
L7911	L7924	L7939	—	3	105/8
L7912	—	—	—	4	12

#### Liquid-Tight Grips for Non-Metallic Type "A" Flexible Conduit

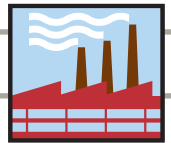
CAT. NOS. STRAIGHT MALE	90° MALE	FITTING SIZE (INCHES)	MESH LENGTH (INCHES)
—	L7999	3/8	9
L7962	L7990	1/2	10
—	L7967	3/4	10 1/2
—	L7968	1	12
L7965	L7969	1 1/4	17
—	L7971	1 1/2	21 1/2
L7970	L7972	2	24

### Connection Wire Mesh Grips

Connection Wire Mesh Grips provide additional strain-relief for plugs and connectors used on portable equipment in commercial and institutional applications, and industrial plant and construction site areas which incur abnormally high abuse. Grips are made of galvanized steel.

#### Connection Wire Mesh Grips

CAT NO.	CABLE DIA. RANGE (INCHES)	EYE DIMENSIONS (A) (INCHES)	MESH LENGTH (M) (INCHES)
L8001	.30-.43	1 11/16	4 3/4
L8002	.40-.56	1 11/16	6
L8003	.52-.73	1 11/16	7
L8004	.70-.85	1 15/16	8 1/2
L8005	.82-1.00	1 15/16	8 1/2
L8006	.94-1.25	1 15/16	10 1/2



### SUPPORT GRIPS

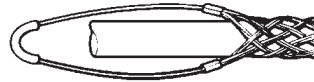
Support Grips are designed to hold the weight of cable on vertical or sloping runs. They may be used indoors or outdoors to support electrical and fiber optic cable, metal rods and tubing.

Leviton Support Grips are woven with tinned bronze wire. For applications requiring a greater degree of corrosion resistance, stainless steel wire is available on special order. For information regarding selection of the proper-sized support grip, see pages Q4 and Q5.

#### Style

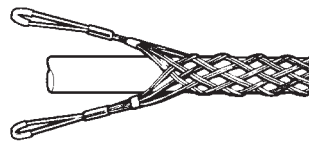
##### SINGLE "U" EYE

For use when cable is vertical and for applications where cable bends or where a single attachment is more advantageous for positioning.



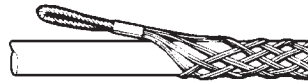
##### DOUBLE "U" EYE

For use when cable is vertical and extends through the grip without bending. Eyes may be fastened to open hooks, but should not be more than 15° from the axis of vertical cable. When eyes are supported equally, this attachment offers a fully balanced load.



##### OFFSET EYE

Similar to single eye applications, but for use when offset positioning is required.



##### LOCKING (UNIVERSAL) BALE

Adjustable and self-locking, this attachment fits around a beam, pipe or other continuous structural object. The bale wraps around the object and is securely anchored in the bar.



### Split Lace/Split Rod

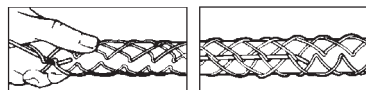
#### SPLIT LACE

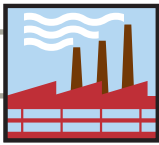
Beginning at the lead end of the grip, thread the lacing through the first two loops of the split, pulling the lace through until the ends are centered evenly. Cross laces and thread through the next two loops, and so on down the grip, being careful not to pull the lacing too tight. The spacing of the lace closure should be approximately the same as that of the mesh weave. When the end of grip is reached, twist the lacing strands tightly together; wrap the ends of the lace around the grip and twist again to secure. Excess length may be cut off.



#### SPLIT ROD

Split grips with rod closing install quickly and they are economical and reusable. Simply wrap the grip around the cable and thread the rod through the loops, using a corkscrew motion. To remove, pull the rod out; and the grip is ready for re-use.





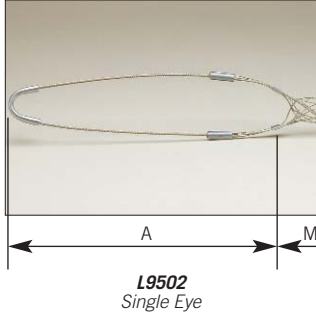
# WIRE MESH SUPPORT GRIPS

## Industrial Grade Wire Mesh Safety Grips

### Support Grips—Standard Closed Mesh

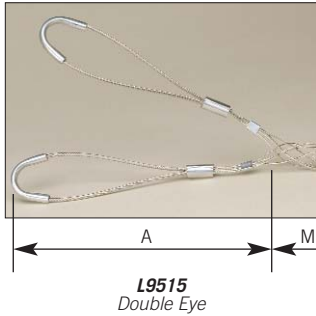
Standard Closed Mesh Support Grips are designed for loads up to 500 lbs. and vertical runs of no more than 100 feet. Heavy-duty closed mesh support grips are designed for loads in excess of 500 lbs. They are available in a variety of eye styles and cable ranges for supporting electrical cable, metal rods and tubing. Closed mesh support grips are used when the end of the cable is accessible. Mesh is made of tinned bronze material.

#### Single Eye, Closed Mesh, Single Weave



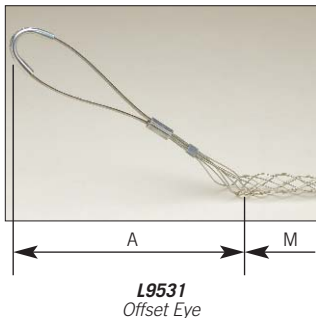
CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9501	0.50-0.61	770	7	10
L9502	0.62-0.74	960	8	10
L9503	0.75-0.99	1,300	8	12
L9504	1.00-1.24	1,680	9	12
L9505	1.25-1.49	1,680	10	16
L9506	1.50-1.74	1,680	12	17
L9507	1.75-1.99	2,640	14	18
L9508	2.00-2.49	3,760	16	18
L9509	2.50-2.99	3,760	18	21
L9511	3.00-3.49	5,040	21	26
L9512	3.50-3.99	5,040	24	28

#### Double Eye, Closed Mesh, Single Weave



CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9515	0.50-0.61	770	4	11
L9516	0.62-0.74	1,150	4	11
L9517	0.75-0.99	1,320	4	14
L9518	1.00-1.24	1,920	5	15
L9519	1.25-1.49	1,920	5	16
L9521	1.50-1.74	1,920	6	18
L9523	1.75-1.99	3,360	6	20
L9524	2.00-2.49	3,360	6	22
L9525	2.50-2.99	3,360	6	24
L9526	3.00-3.49	5,280	8	26
L9527	3.50-3.99	5,280	8	28

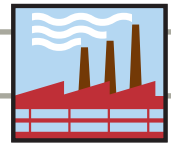
#### Offset Eye, Closed Mesh, Single Weave



CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9531	0.50-0.61	770	4	11
L9532	0.62-0.74	960	4	11
L9533	0.75-0.99	960	4	14
L9534	1.00-1.24	1,680	5	15
L9535	1.25-1.49	1,680	5	16
L9536	1.50-1.74	1,680	5	18
L9537	1.75-1.99	2,640	6	20
L9538	2.00-2.49	3,760	6	21
L9539	2.50-2.99	3,760	8	24
L9541	3.00-3.49	5,040	9	26
L9542	3.50-3.99	5,040	9	28

Note: Support grips are also available in stainless steel—contact your Leviton Representative.

\*To determine workload safety factor, divide approximate break strength by 10. See page Q6 for strength information.

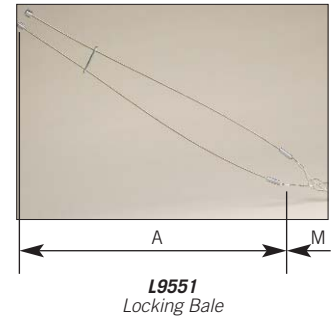


### Support Grips—Standard Closed Mesh

#### Locking Bale, Closed Mesh, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9551	0.50–0.61	770	11	10
L9552	0.62–0.74	1,150	11	10
L9553	0.75–0.99	1,320	14	12
L9554	1.00–1.24	1,920	15	12
L9555	1.25–1.49	1,920	16	13
L9556	1.50–1.74	1,920	18	17
L9557	1.75–1.99	3,150	20	18
L9558	2.00–2.49	3,360	21	18
L9559	2.50–2.99	3,360	24	21
L9561	3.00–3.49	5,280	26	23
L9562	3.50–3.99	5,280	28	23.5

\*To determine workload safety factor, divide approximate break strength by 10. See page Q6 for strength information.

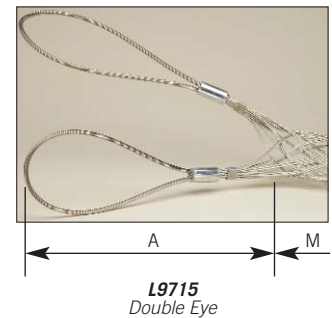


### Support Grips—Heavy Duty

Heavy Duty Support Grips handle continuous loads of over 500 lbs. in vertical runs greater than 100 ft. for cable diameters from 3/4" to 4 1/2".

#### Single Eye, Double Weave, Heavy Long, Closed Mesh

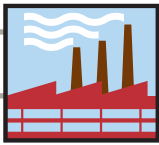
CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9701	0.75–0.99	2,700	10	26
L9702	1.00–1.24	4,720	10	29
L9703	1.25–1.49	4,720	10	31
L9704	1.50–1.99	4,720	10	35



#### Double Eye, Double Weave, Heavy Long, Closed Mesh

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9711	0.75–0.99	2,700	10	26
L9712	1.00–1.25	4,720	10	29
L9713	1.25–1.49	4,720	10	31
L9714	1.50–1.99	4,720	10	35
L9715	2.00–2.49	10,080	10	37
L9716	2.50–2.99	10,080	10	39
L9717	3.00–3.49	10,080	10	41
L9718	3.50–3.99	13,120	10	45
L9719	4.00–4.49	13,120	10	47

\*To determine workload safety factor, divide approximate break strength by 10. See page Q6 for strength information.

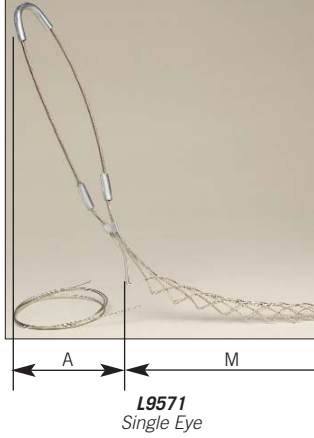


# WIRE MESH SUPPORT GRIPS

## Industrial Grade Wire Mesh Safety Grips

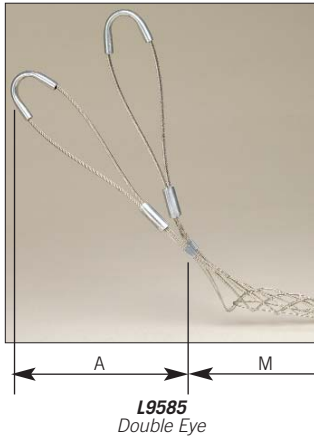
### Support Grips—Standard Split Lace

Split Lace Support Grips are designed for loads up to 500 lbs. and vertical runs of no more than 100 feet. Heavy-duty split lace support grips are available on page Q23. They are available in a variety of eye styles and cable ranges for supporting electrical cable, metal rods and tubing. Split lace grips are utilized when the end of the cable cannot be feasibly accessed and the support grip is intended for permanent installation. Mesh is made of tinned bronze material. For attachment information see page Q19.



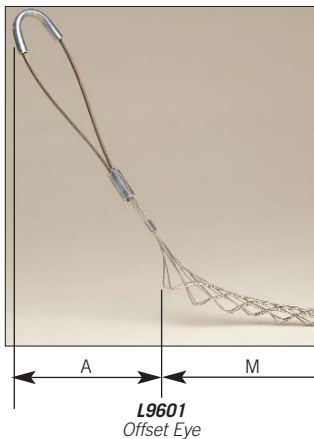
#### Single Eye, Split Lace, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9571	0.50-0.61	770	7	11
L9572	0.62-0.74	960	8	11
L9573	0.75-0.99	1,320	8	14
L9574	1.00-1.24	1,680	9	15
L9575	1.25-1.49	1,680	10	16
L9576	1.50-1.74	1,680	12	18
L9577	1.75-1.99	2,640	14	20
L9578	2.00-2.49	3,760	16	22
L9579	2.50-2.99	3,760	18	24
L9581	3.00-3.49	5,040	21	26
L9582	3.50-3.99	5,040	24	28



#### Double Eye, Split Lace, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9585	0.50-0.61	770	4	11
L9586	0.62-0.74	1,150	4	11
L9587	0.75-0.99	1,320	4	14
L9588	1.00-1.24	1,920	5	15
L9589	1.25-1.49	1,920	5	16
L9591	1.50-1.74	1,920	5	18
L9592	1.75-1.99	3,150	6	20
L9593	2.00-2.49	3,360	6	22
L9594	2.50-2.99	3,360	6	24
L9595	3.00-3.49	5,280	8	26
L9596	3.50-3.99	5,280	8	28



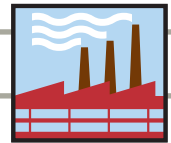
#### Offset Eye, Split Lace, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9601	0.50-0.61	770	4	11
L9602	0.62-0.74	960	4	11
L9603	0.75-0.99	960	4	14
L9604	1.00-1.24	1,680	5	15
L9605	1.25-1.49	1,680	5	16
L9606	1.50-1.74	1,680	5	18
L9607	1.75-1.99	2,640	8	20
L9608	2.00-2.49	3,760	8	22
L9609	2.50-2.99	3,760	8	24
L9611	3.00-3.49	5,040	9	26
L9612	3.50-3.99	5,040	9	28

Note: Support grips are also available in stainless steel—contact your Leviton Representative.

\*To determine workload safety factor, divide approximate break strength by 10. See page Q6 for strength information.



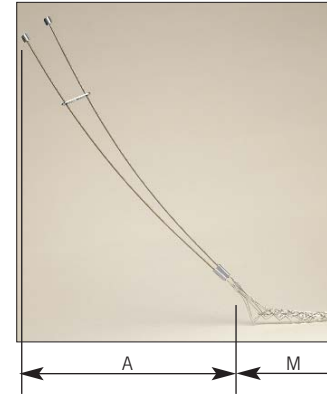


### Support Grips—Standard Split Lace <sup>SE</sup>

#### Locking Bale, Split Lace, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9621	0.50–0.61	770	18	11
L9622	0.62–0.74	1,150	18	11
L9623	0.75–0.99	1,320	18	14
L9624	1.00–1.24	1,920	18	15
L9625	1.25–1.49	1,920	18	16
L9626	1.50–1.74	1,920	18	18
L9627	1.75–1.99	3,150	18	20
L9628	2.00–2.49	3,360	18	22
L9629	2.50–2.99	3,360	18	24

\*To determine workload safety factor, divide approximate break strength by 10. See page Q6 for strength information.



L9621  
Locking Bale

### Support Grips—Heavy Duty Split Lace <sup>SE</sup>

Heavy Duty Support Grips handle continuous loads of over 500 lbs. in vertical runs greater than 100 ft. for cable diameters from 3/4" to 4 1/2".

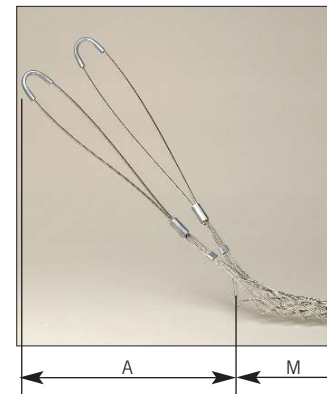
#### Single Eye, Double Weave, Heavy Long, Split Lace

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9722	0.75–0.99	2,700	10	26
L9723	1.00–1.24	4,720	10	29
L9724	1.25–1.49	4,720	10	31
L9725	1.50–1.99	4,720	10	35

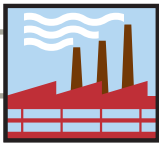
#### Double Eye, Double Weave, Heavy Long, Split Lace

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9731	0.75–0.99	2,700	10	26
L9732	1.00–1.24	4,720	10	29
L9733	1.25–1.49	4,720	10	31
L9734	1.50–1.99	4,720	10	35
L9735	2.00–2.49	10,080	10	37
L9736	2.50–2.99	10,080	10	39
L9737	3.00–3.49	10,080	10	41
L9738	3.50–3.99	13,120	10	45
L9739	4.00–4.49	13,120	10	47

\*To determine workload safety factor, divide approximate break strength by 10. See page Q6 for strength information.

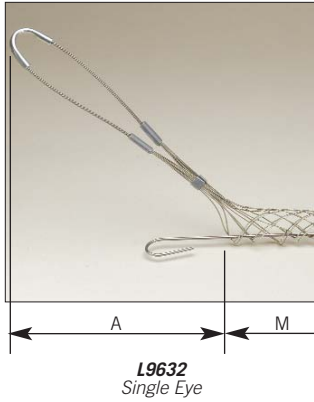


L9731  
Double Eye



# WIRE MESH SUPPORT GRIPS

## Industrial Grade Wire Mesh Safety Grips

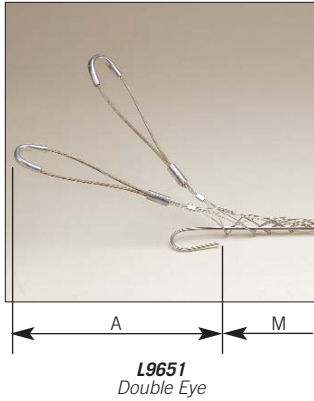


### Support Grips—Standard Split Rod <sup>SR</sup>

Split Rod Support Grips are designed for loads up to 500 lbs. and vertical runs of no more than 100 feet. They are available in a variety of eye styles and cable ranges for supporting electrical cable, metal rods and tubing. Split rod support grips are utilized when the end of the cable cannot be feasibly accessed and the installation is temporary. For attachment information see page Q19.

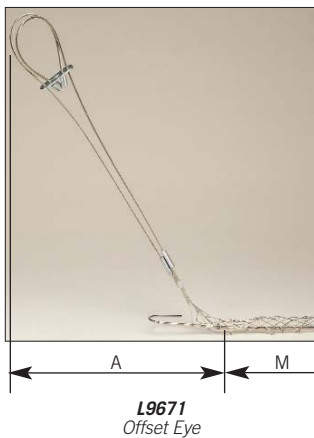
#### Single Eye, Split Rod, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9631	0.50-0.61	770	7	9
L9632	0.62-0.74	960	8	9
L9633	0.75-0.99	1,320	8	11
L9634	1.00-1.24	1,680	9	13
L9635	1.25-1.49	1,680	10	15
L9636	1.50-1.74	1,680	12	16
L9637	1.75-1.99	2,640	14	17
L9638	2.00-2.49	3,760	16	20
L9639	2.50-2.99	3,760	18	22
L9641	3.00-3.49	6,560	21	24
L9642	3.50-3.99	6,560	24	26



#### Double Eye, Split Rod, Single Weave

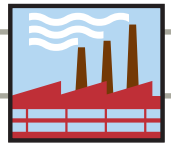
CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9651	0.50-0.61	770	4	9
L9652	0.62-0.74	1,150	4	9
L9653	0.75-0.99	1,320	4	11
L9654	1.00-1.24	1,920	5	13
L9655	1.25-1.49	1,920	5	15
L9656	1.50-1.74	1,920	5	16
L9657	1.75-1.99	3,150	6	17
L9658	2.00-2.49	3,360	6	20
L9659	2.50-2.99	3,360	6	22
L9661	3.00-3.49	7,520	8	24
L9662	3.50-3.99	7,520	8	26



#### Offset Eye, Split Rod, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9671	0.50-0.61	770	4	9
L9672	0.62-0.74	960	4	9
L9673	0.75-0.99	960	4	11
L9674	1.00-1.24	1,680	5	13
L9675	1.25-1.49	1,680	5	15
L9676	1.50-1.74	1,680	5	16
L9677	1.75-1.99	2,640	6	17
L9678	2.00-2.49	3,760	6	20
L9679	2.50-2.99	3,760	6	22
L9681	3.00-3.49	5,040	8	24
L9682	3.50-3.99	5,040	8	26

\*To determine workload safety factor, divide approximate break strength by 10. See page Q6 for strength information.

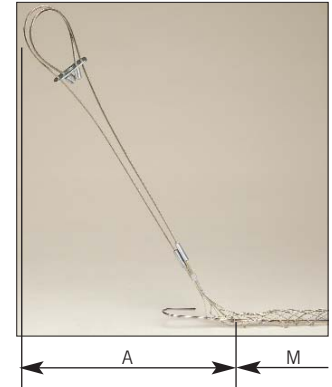


### Support Grips—Standard Split Rod

#### Locking Bale, Split Rod, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L9688	0.50–0.61	770	10	9
L9689	0.62–0.74	1,150	10	9
L9691	0.75–0.99	1,320	10	11
L9692	1.00–1.24	1,920	14	13
L9693	1.25–1.49	1,920	14	15
L9694	1.50–1.74	1,920	14	16
L9695	1.75–1.99	3,150	14	17
L9696	2.00–2.49	3,360	18	20
L9697	2.50–2.99	3,360	18	22
L9698	3.00–3.49	7,520	18	24
L9699	3.50–3.99	7,520	18	26

\*To determine workload safety factor, divide approximate break strength by 10. See page Q6 for strength information.



L9689 Locking Bale

### Support Grips—Bus-Drop

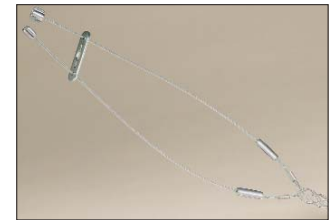
Bus-Drop Grips are used as cable support. They relieve any direct tension from the critical connection and absorb vibration and flexing. Bus-Drop Grips are woven of galvanized steel wire. They are offered with either locking bale or single eye attachments.

#### Locking Bale & Single Eye

CAT. NOS.	LOCKING BALE	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*
SINGLE "U" EYE			
L7981	—	.220–.320	1,100
L7982	—	.300–.430	1,100
L7983	L7992	.410–.560	1,100
L7984	L7993	.530–.730	1,100
L7985	L7994	.700–.850	1,900
L7986	L7995	.820–1.00	1,900
L7987	—	.960–1.25	1,900



L7984 Single "U" Eye



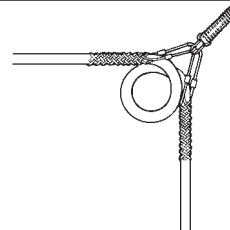
L7992 Locking Bale

### Support Grips—Bus-Drop Accessories

Safety Springs are used with Bus-Drop Grips to relieve sudden strains on the cable system. To use with single eye-type grips, disassemble drawbar from coil, place through the eye and replace the drawbar.

#### Safety Springs

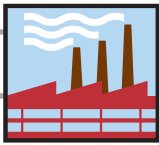
DESCRIPTION	CAT. NO.	LENGTH (INCHES)
Zinc Plated Max. Load 40 Lbs.	L7997	7.50
Zinc Plated Max. Load 80 Lbs.	L7998	8.50



L7998 Safety Spring

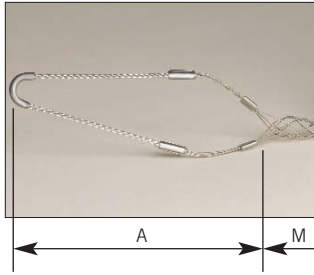
#### Support Hook

DESCRIPTION	CAT. NO.
3/8" Right Hand Wood Screw, Zinc Plated 4 1/2" Long	L7980

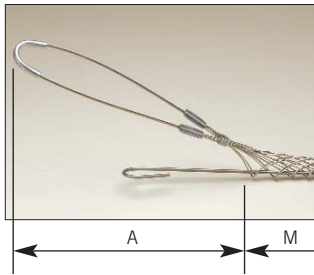


# WIRE MESH SUPPORT GRIPS

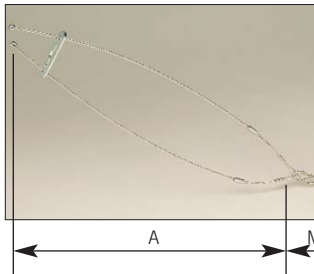
## Industrial Grade Wire Mesh Safety Grips



**L8807**  
Single Eye—closed mesh



**L8821**  
Single Eye—split rod



**L8823**  
Locking Bale

### Support Grips—Fiber Optic Grips

All Leviton Fiber Optic Support Grips are designed to wrap securely around fiber optic cable without damaging it. They are designed to reduce stress on cable in vertical, sloping, or horizontal positions. Single-eye or locking-bale style grips afford lasting support for a wide variety of applications where fiber optic cable is used.

#### Single Eye, Closed Mesh, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L8807	.18-.25	300	3	1.7
L8808	.23-.32	300	3	2.5
L8809	.30-.39	300	4	2.5
L8811	.37-.48	300	5	4
L8812	.46-.58	400	6	4
L8813	.56-.71	600	7	5.5
L8814	.69-.88	800	8	6

#### Single Eye, Split Rod, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L8815	.18-.25	300	3	2.5
L8816	.23-.32	300	3	2.5
L8817	.30-.39	300	4	2.5
L8818	.37-.48	300	5	4
L8819	.46-.58	400	6	5
L8821	.56-.71	600	7	5
L8822	.69-.88	800	8	6

#### Locking Bale, Closed Mesh, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
L8823	.18-.25	300	9	2.5
L8824	.23-.36	300	9	2
L8825	.30-.39	300	9	2.5
L8826	.37-.48	300	10	4
L8827	.46-.58	400	10	4
L8828	.56-.71	600	10	5.5
L8829	.69-.88	800	10	6

\*To determine workload safety factor, divide approximate break strength by 10. See page Q6 for strength information.

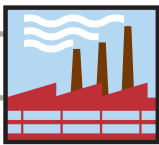
# Surge Protective Devices

## INDEX

<b>Industrial Surge Protective Devices</b>	
Overview	R2
Four-Outlet Plug-Ins	R3
5300 Series	R3
5100 Series	R3
Plug Strips	R4
Wired-In Protective Modules	R5
Distribution Panel Mount Units	R6, R7
74000 and 75000 Series	R6
57000 Series	R7
52000 Series	R8
Remote Supervisor	R7, R8
47000 and 52000-7M3 Series	R9
Multi-Phase Panel Protectors	R10
32000 Series	R10
42000 Series	R10
Low Voltage Communications SPD's	R11
3400 and 3800 Series	R11
Equipment Cabinet SPD's	R12
3800 Series	R12
SPD Duplex Receptacles	R13
SPD Four-In-One Receptacles	R14
<b>Commercial Surge Protective Devices</b>	
Low Voltage and Data Line Modules (Stand-Alone and Stackable)	R15
Plug Strips	R16
Computer Grade Plug Strips	R16
Plug-In Surge Suppressors	R16
Surge Counter: 51000-SMC	R16
19-Inch Rack-Mounts SPD's	R17
<b>Residential Surge Protective Devices</b>	
Meter Socket Surge Adapter	R18
Secondary Surge Arresters	R18
General Purpose Plug-Ins	R19
Multi-Media Panel	R19
51000 Series Branch Panel Mounts	R19
5950 Modular Surge Protective Strips	R20
<b>Uninterruptible Power Supply Devices</b>	
Lev-UPS, Online and Sine Series	R21
Lev-UPS Pro, Slim and Strip Series	R22







## SURGE PROTECTIVE DEVICE FEATURES

### Industrial Grade Surge Protective Devices

**LEVITON'S SURGE PROTECTIVE DEVICES (SPD'S) ARE DESIGNED TO REDUCE THE RANDOM ENERGY SURGES OF VOLTAGE TRANSIENTS AND ELECTRICAL NOISE ON THE POWER SUPPLY LINE.**

Volatile transients and noise are present in utility power lines, data networks, telephone lines, closed circuit and cable tv feeds, and any other power or control lines connected to electronic equipment.

Leviton's Surge Protective Devices can be used individually or as part of a coordinated application strategy, called Network Protection, to protect sensitive electronic equipment, in industrial, commercial and residential locations, from the stress and degradation inflicted by voltage transients. Leviton Surge Protective Devices are listed to UL 1449 Second Edition Standards.

**Leviton's outstanding Surge Protective Devices divert damaging voltage transients, or surges, away from electronic equipment. Transients are diverted away from sensitive microcircuitry, providing protection against catastrophic failure, costly downtime and data disruptions.**

#### Features and Benefits

- Provides seven-mode protection
- User-replaceable modules
- Real-time diagnostics monitor power and suppression status for each mode
- Diagnostic display panel of 74000/75000 units indicates "Fault", "Alert" and "Protection" status
- Provides surge magnitude, time and date of each surge event
- Surge event history downloadable via RS-232 connection



74120-7M3



#### Panel Mounted

Provides complete protection on all phases even if one module fails; modular design allows easy replacement of modules. NC, NO contacts for remote status indication.  
**57120-M3 shown**



#### Receptacles

15-20 Amp single, duplex and four-in-one versions with 3-level MOV phase to neutral, phase to ground and neutral to ground protection.  
**8280-IGB shown**



#### Stand-Alone Low-Voltage SPD

Provides surge protection for low-voltage data and communications lines.  
**5350-PT8 shown**



#### Plug Strips

Available in a variety of grades, its real time diagnostics monitor power and suppression status.  
**5300-PS shown**



#### 19" Rack-Mount

Mounts on 19" equipment rack; available with or without rocker-style ON/OFF switch; Resettable circuit breaker protects against overloading and power supply failure.  
**5500-190 shown**



#### Lev-UPS™

New product line offers the latest technology and features available in Uninterruptible Power Supply devices.  
**U1000-AKP shown**



#### Communication Modules

Provide surge protection for DC-powered low-voltage data network products.  
**3803-485 shown**

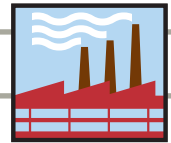


#### Multi-Phase Panel Protector

Provides multiple-phase surge protection; 3-phase units are suitable for WYE and Delta AC systems. NC, NO contacts for remote status indication.  
**MS303 shown**

# FOUR-OUTLET PLUG-IN SURGE PROTECTIVE DEVICES

## Industrial Grade Surge Protective Devices



### Four-Outlet Plug-In Surge Protective Devices — 15 AMP 120V 50, 60 Hz AC

#### 5300 Series

DESCRIPTION	CAT. NO.	COLOR	APPLICATION
Four-Outlet Maximum-Protection DPI	<b>5300-P</b>	Beige	Point Of Sale Systems, computer terminals, digital electronic cash registers, PC's and peripherals, digital audio and video installations, microwave ovens, copy machines, digital scales and computer-controlled office equipment
Four-Outlet Maximum-Protection DPI	<b>5300-GP</b>	Gray	Same as above

#### 5100 Series

DESCRIPTION	CAT. NO.	COLOR	APPLICATION
15A Four-Outlet Heavy-Duty DPI	<b>5100-P</b>	Beige	PC's and peripherals, electronic cash registers, digital sound systems, video equipment and microwave ovens
15A Four-Outlet Heavy-Duty DPI	<b>5100-GP</b>	Gray	Same as above

#### Clamping Performance

SPECIFICATION	5100	5300
Max. single-pulse transient current (8x20µs, Amps peak)	26kA	52kA
Rated single-pulse transient energy (10x1000µs, Joules)	320 Joules	640 Joules
EMI/RFI noise rejection @ 50 Ohms 5kHz-100MHz	10-20dB	50-60dB
Cat. A ringwave (6kV, 200A, 100kHz)	370V	185V
Cat. B ringwave (6kV, 500A, 100kHz)	420V	210V
Cat B impulse (6kV, 3kA, 8x20µs)	490	310
UL 1449 ratings (8x20µs @ 500A) (L-N/L-G, N-G)	330/500/400V	330/330/400V
Maximum continuous operating voltage	135V	135V



Surge Protective Devices

#### SPECIFICATIONS AND FEATURES

- Connect directly to standard NEMA 5-15 wall receptacles
- Diagnostic LED's indicate power & protection status
- Three mode protection for Normal & Common protection: L-N, L-G, N-G
- On-board thermal fusing & overcurrent protection via resettable 15A breaker
- Filtration reduces high frequency noise
- Maximum continuous operating voltage

#### 5300 Series

- Clamping profile tracks the AC sine wave for precise clamping & noise attenuation
- Superior voltage-smoothing helps minimize high-frequency noise
- Maximum line/load-side surge protection for attenuation of environmentally & peripherally-generated transients

#### 5100 Series

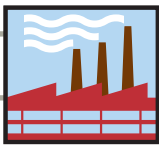
- Non-inductive design for compatibility with UPS & SPS or transformer systems
- Multi-component suppression circuitry

#### TESTING AND CODE COMPLIANCE

- UL 1449 Listed (File #E-146315)
- Meets ANSI/IEEE C62.41 standards for both Categories A & B
- CSA Certified (File #LR-94773)
- Lifetime Limited Downline Warranty for device & equipment plugged into it

#### MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C  
Storage Temperature: -35°C to 60°C



## PLUG STRIPS

### Industrial Grade Surge Protective Devices



5300-HTS



5300-PCS



5100-IPS

#### Plug Strips

DESCRIPTION	CAT. NO.	RATING	APPLICATION
6-Outlet Plug Strip w/ON/OFF Switch	5300-PS	15A-120V AC	Data-sensitive operations
6-Outlet Plug Strip w/ON/OFF Switch, Gray	5300-GS	15A-120V AC	Data-sensitive operations
6-Outlet Plug Strip w/ON/OFF Switch w/15 ft. Power Cord	5300-S15	15A-120V AC	Data-sensitive operations
6-Outlet Plug Strip w/ON/OFF Switch w/15 ft. Power Cord, Gray	5300-G15	15A-120V AC	Data-sensitive operations
6-Outlet Plug Strip w/ON/OFF Switch	5300-PST	15A-120V AC	Telephone line/modem line protection
6-Outlet Plug Strip w/ON/OFF Switch, Gray	5300-GST	15A-120V AC	Telephone line/modem line protection
6-Outlet Plug Strip w/ON/OFF Switch	5300-PSC	15A-120V AC	CATV line surge protection
6-Outlet Plug Strip w/ON/OFF Switch, Gray	5300-GSC	15A-120V AC	CATV line surge protection
6-Outlet Plug Strip Hospital Grade Components	5300-HTS	15A-120V AC	Continues to supply power to load if protection is lost
6-Outlet Plug Strip w/ON/OFF Switch	5300-IPS	15A-120V AC	Rugged metal housing for use in rough environments
Heavy-Duty 6-Outlet Plug Strip w/ON/OFF Switch	5200-PS	15A-120V AC	For microprocessor-based equipment
Heavy-Duty 6-Outlet Plug Strip w/ON/OFF switch, Gray	5200-GS	15A-120V AC	For microprocessor-based equipment
Heavy-Duty 6-Outlet Plug Strip w/ON/OFF Switch, w/15 ft. Power Cord	5200-S15	15A-120V AC	For microprocessor-based equipment
Heavy-Duty 6-Outlet Plug Strip w/ON/OFF Switch, w/15 ft. Power Cord, Gray	5200-G15	15A-120V AC	For microprocessor-based equipment
General-Duty 6-Outlet Plug Strip	5100-PS	15A-120V AC	Compatible with UPS and SPS systems
General-Duty 6-Outlet Plug Strip, Gray	5100-GS	15A-120V AC	Compatible with UPS and SPS systems
General-Duty 6-Outlet Plug Strip, w/15 ft. Power Cord	5100-S15	15A-120V AC	Compatible with UPS and SPS systems
General-Duty 6-Outlet Plug Strip, w/15 ft. Power Cord, Office Gray	5100-G15	15A-120V AC	Compatible with UPS and SPS systems
General-Duty 6-Outlet Plug Strip	5100-IPS	15A-120V AC	Rugged metal housing for use in rough environments
General-Duty 6-Outlet Plug Strip	5100-IS2	20A-120V AC	Rugged metal housing for use in rough environments

#### Clamping Performance

DESCRIPTION	5100-PS	5200-PS	5300-PS GROUP
Max. single-pulse transient current (8x20 $\mu$ s, Amps peak)	26kA	39kA	52kA
Rated single-pulse transient energy (10x1000 $\mu$ s, Joules)	720 Joules	940 Joules	1480 Joules
EMI/RFI noise rejection @ 50 Ohms 5kHz-100MHz	10-30dB	40-50dB	50-60dB
Cat. A ringwave (6kV, 200A, 100kHz)	370V	230V	190V
Cat. B ringwave (6kV, 500A, 100kHz)	420V	270V	210V
Cat B impulse (6kV, 3kA, 8x20 $\mu$ s)	490	370	310
UL 1449 ratings (8x20 $\mu$ s @ 3kA) (L-N/L-G, N-G)	400/400/400	330/400/330	330/330/330 400/400/400 for 5300-HTS only

#### SPECIFICATIONS AND FEATURES

##### Plug Strips

- Available in Industrial Specification Grade, Commercial Specification Grade & General Purpose Classifications
- Clamping profile tightly tracks AC sine wave
- Real-time diagnostics monitor power & suppression status
- Six protected outlets
- Resettable circuit breaker & internal fusing
- May be wall-mounted
- Equipped with a 6-foot, 14-3AWG power cord

#### TESTING AND CODE COMPLIANCE

##### 5300-HPS

- UL Listed 544 (File #118936)
- UL Listed (File Nos. #1449, 1363, 1283)
- CSA Certified (File #LR-94773)
- Meets ANSI/IEEE C62.41 standards for both Categories A & B

##### Plug Strips

- Lifetime Limited Downline Warranty for device & equipment plugged into it

#### MATERIAL CHARACTERISTICS

##### 5100-PS, 5200-PS, 5300-PS

Operating Temperature: 0°C to 40°C  
Storage Temperature: -35°C to 60°C

##### 5300-HPS

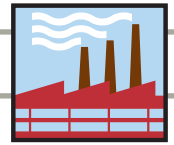
Operating Temperature: 0°C to 60°C  
Storage Temperature: -35°C to 60°C

##### 5100-IPS, 5300-IPS, 5100-IS2

Operating Temperature: -10°C to 60°C  
Storage Temperature: -35°C to 60°C

# WIRED-IN SURGE PROTECTIVE MODULES

## Industrial Grade Surge Protective Devices



### Wired-In Surge Protective Modules NOM CULUS LISTED

DESCRIPTION	CAT. NO.	RATING
Single-Phase, 3-Wire	51005-WM	5A, 120V AC
Single-Phase, 3-Wire	51010-WM	10A, 120V AC
Single-Phase, 3-Wire, DIN-Rail Mounting	51005-DIN	5A, 120V AC
Single-Phase, 3-Wire, DIN-Rail Mounting	51010-DIN	10A, 120V AC
Single-Phase, 3-Wire	51015-WM	15A 120V AC
Single-Phase, 3-Wire	51020-WM	20A 120V AC
Single-Phase, 3-Wire, w/DIN-rail mounting	51015-DIN	15A 120V AC
Single-Phase, 3-Wire, w/DIN-rail mounting	51020-DIN	20A 120V AC
Single-Phase, 3-wire (For use in parallel connection)	51020-WMT	20A 120V AC
Single-Phase, 4-Wire	51240-WM	20A 240V AC
Single-Phase, w/DIN-rail mounting	51240-DIN	20A 240V AC

### Performance Specifications

SPECIFICATION	51005-WM, 51010-WM, 51005-DIN, 51010-DIN	51015-WM, 51020-WM, 51015-DIN, 51020-DIN, 51020-WMT	51240-WM, 51240-DIN
Max. Surge Current (Test w. 8x20µs wave)	L-N: 26kA	L-N: 52kA	L-N: 52kA
Noise Rejection	20-50dB (@ 10K-100MHz)	40-50dB (@ 5kH-100MHz)	40-50dB (@ 5kH-100MHz)
Operating Frequency Range	50, 60Hz	50, 60Hz	50, 60Hz
UL 1449 (2nd Ed.) Rating	L-N: 400V L-G: 400V N-G: 400V	L-N: 330V L-G: 330V N-G: 400V	L-N: 600V L-G: 330V N-G: 600V
MCOV	150V AC	150V AC	270V AC

*Note: See your Leviton representative for a complete listing of Low-Voltage Communication Protection modules for factory automation and industrial control applications.*



51020-DIN



51020-WMT



51005-DIN

#### SPECIFICATIONS AND FEATURES

##### Wired-In Surge Protective Module —5100 Series

- For use by OEMs who wish to include 120/240V surge protection as an equipment feature
- Available with DIN-rail mounting
- Provides surge protection to branch circuits
- Staged multi-component surge suppression circuitry provides clamping envelope that follows AC sine-wave contour
- Primary and secondary suppression circuits are automatic resettable fuse protected
- Diagnostic circuitry, with LEDs, to indicate surge protection status & acoustic alert if surge protection is lost
- If surge protection is lost, power is still provided to load until SPD module is replaced

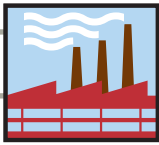
#### TESTING AND CODE COMPLIANCE

- Recognized to UL Standard 1449
- CSA Certified
- Backed by a Limited Five-Year Warranty

#### MATERIAL CHARACTERISTICS

Operating Temperature: -40°C to 70°C  
Storage Temperature: -20°C to 85°C

Surge Protective Devices



## PANEL MOUNT DEVICES

### Industrial Grade Surge Protective Devices



74120-7M3

#### 74000 and 75000 Series Panel Mount Devices NOM

DESCRIPTION	CAT. NO.	RATING	MODULE NO.
7-Mode, 3Ø WYE, 4-Wire + Ground	<b>74120-7M3</b>	120/208V AC	(7) HC120-M40
7-Mode, 3Ø WYE, 4-Wire + Ground	<b>74277-7M3</b>	277/480V AC	(7) HC277-M40
7-Mode, 3Ø WYE, 4-Wire + Ground	<b>75120-7M3</b>	120/208V AC	(7) HC120-M53
7-Mode, 3Ø WYE, 4-Wire + Ground	<b>75277-7M3</b>	277/480V AC	(7) HC277-M53

#### Performance Specifications: 74000 and 75000 Series

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)			MAX. SURGE CURRENT in KA (Test w/8x20µs wave)			NOISE REJECTION
		L-N	L-G	N-G	L-N + L-G = per phase			
<b>74120-7M3</b>	150V AC	400	400	400	200	200	400	-40 dB (@5K-100MHz)
<b>74277-7M3</b>	320V AC	800	800	800	200	200	400	-40 dB (@5K-100MHz)
<b>75120-7M3</b>	150V AC	400	400	400	320	320	640	-20 to -40 dB (@5K-100MHz)
<b>75277-7M3</b>	320V AC	800	800	800	320	320	640	-20 to -40 dB (@5K-100MHz)

#### SPECIFICATIONS AND FEATURES

##### 4000 & 75000 Series

- Provides seven mode protection
- Uses replaceable modules
- Real-time diagnostics monitor power and suppression status for each mode
- Surge magnitude, time and date is provided for each surge event
- Surge event history downloadable for storage via RS-232 connection
- AC sine wave tracking
- Optically isolated dry contacts

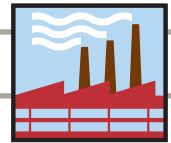
#### TESTING AND CODE COMPLIANCE

- UL 1449 2nd Edition Listed (#E146315)
- CSA Certified (#LR-94773)
- Meets ANSI/IEEE C62.41 & C62.45 Categories A, B & C

#### MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C  
Storage Temperature: -20°C to 85°C





**57000 Series Branch Panel Mounts**

DESCRIPTION	CAT. NO. W/O SURGE COUNTER	CAT. NO. W/ SURGE COUNTER	VOLTAGE RATING 3φ WYE (4-Wire & Ground)	MODULE
3-Phase WYE, 4-Wire & Ground	57120-M3	57120-CM3	120/208V AC	(3) 120 (1) 8120-GN
3-Phase WYE, 7-Mode, Integral Disconnect, 4-Wire & Ground	57120-M3S	57120-C3S	120/208V AC	(3) 120-M3S (1) 8120-GN
3-Phase WYE, 4-Wire & Ground	57220-IM3	—	220/380V AC	(3) 220 (1) 8250-GN
3-Phase Delta, 3-Wire & Ground	57240-DM3	—	240V AC	(3) 7240
3-Phase WYE, 4-Wire & Ground	57277-M3	57277-CM3	277/480V AC	(3) 7277 (1) 8320-GN
3-Phase WYE, 7-Mode, Integral Disconnect, 4-Wire & Ground	57277-M3S	57277-C3S	277/480V AC	(3) 7277-M3S (1) 8320-GN
3-Phase WYE, 4-Wire & Ground	57346-M3	—	346/600V AC	(3) 7346 (1) 8385-GN
3-Phase WYE, 4-Wire & Ground	57347-M3S	—	347/600V AC	(3) 7347 (1) 8385-GN
3-Phase Delta, 3-Wire & Ground	57480-DM3	—	480V AC	(3) 7480
3-Phase Delta, 3-Wire & Ground	57600-DM3	—	600V AC	(3) 7600



57120-M3



57120-CM3

**Performance Specifications: 57000 Series**

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)				MAX. SURGE CURRENT in KA (Test w/8x20µs wave)			NOISE REJECTION
		L-N	L-G	N-G	L-L	L-N + L-G = per phase			
57120-M3 57120-CM3	150V AC	400	800	400	800	150	—	150	-20 to -40 dB (@5K-10MHz)
57120-M3S 57120-C3S	150V AC	400	500	400	700	100	100	100	-20 to -40 dB (@5K-10MHz)
57220-IM3	250V AC	600	1200	600	1200	150	—	150	-20dB to -40 dB (@5K-10MHz)
57240-DM3	250V AC	—	—	—	700	L-L: 150			-20dB to -40 dB (@5K-10MHz)
57277-M3 57277-MC3	320V AC	800	1800	800	1800	150	—	150	-20dB to -40 dB (@5K-10MHz)
57277-M3S 57277-C3S	320V AC	900	1000	800	1500	100	100	200	-20dB to -40 dB (@5K-10MHz)
57346-M3	385V AC	1000	2000	1000	2000	150	—	150	-20dB to -40 dB (@5K-10MHz)
57480-DM3	550V AC	—	—	—	1500	L-L: 150			-20dB to -40 dB (@5K-10MHz)
57600-DM3	680V AC	—	—	—	1800	L-L: 150			-20dB to -40 dB (@5K-10MHz)
57347-M3S	390V AC	1000	1000	1000	2000	100	100	200	-20dB to -40 dB (@5K-10MHz)

**Remote Supervisor**

DESCRIPTION	CAT. NO.
Remote Supervisor	52000-RS

**SPECIFICATIONS AND FEATURES**

**57000 Series**

- For installation at main distribution panels
- Hybrid suppression circuitry with built-in redundancy provides complete protection on all phases even if one module fails
- Modular design allows easy replacement of modules with the use of tools & without the need to shut down AC system power
- Provides Normal Mode (phase to neutral) & Common Mode (neutral to ground) protection for WYE-configured 3-phase AC systems
- Dry contacts for remote monitoring

**57000 Series**

- "Series connection" parallel operated (Kelvin/feed-through) rated for 100 Amps maximum continuous line current using #3 AWG conductors
- Optically coupled remote-monitoring port allows use of the optional Remote Supervisor (Cat. No. 52000-RS)

- Dual-stage fuse protection for primary & secondary surge suppression circuits
- Housed in NEMA-12 case with hinged cover, surface or flush mountable
- Noise rejection -20 to -40dB

**Remote Supervisor**

- For use with any Cat. No. 57000 or 52000 panel-mounted SPD
- Monitors up to 6 (series alarm daisy-chained) panel-mounted SPDs
- Single key-hole surface mounting using just 2 screws
- Annunciator light shows steady GREEN when monitored panel-mounted SPDs are normal, & FLASHING RED in case of protection failure or power interruption
- 75dB acoustic beep tone draws attention to a potential failure
- Jack provided for simple connection to input port via #20 to #22 two-conductor twisted pair, with a wire run up to 5,000 ft. in length

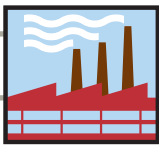
**TESTING AND CODE COMPLIANCE**

**57000 Series**

- UL 1449 Listed (File #E-146315)
- CSA Certified (File #LR-94773)
- 200 kA rated (M3S versions rated 100kA)
- Meets ANSI/IEEE C62.41 & C62.45 Categories A, B & C
- UL 945-V flame retardant thermoplastic (Front Bezel)
- Backed by a Limited 10-Year Warranty

**MATERIAL CHARACTERISTICS**

Operating Temperature: -10°C to 60°C  
Storage Temperature: -20°C to 85°C



# PANEL MOUNT DEVICES

## Industrial Grade Surge Protective Devices



52120-M3



52120-CM3

### 52000 Series Branch Panel Mounts

DESCRIPTION	CAT. NO. W/O SURGE COUNTER	CAT. NO. W/ SURGE COUNTER	VOLTAGE RATING	MODULE
Single-Phase, 2-Wire & Ground	52120-M1	—	120V AC	(1) 2120 (1) 8120-GN
Single-Phase, 3-Wire & Ground (Home Automation Model)	52120-M2 (52120-M2H)	52120-CM2	120/240V AC	(2) 2120 (1) 8120-GN
3-Phase WYE, 4-Wire & Ground (Without Enclosure)	52120-M3 (52120-B3)	52120-CM3	120/208V AC	(3) 2120 (1) 8120-GN
3-Phase WYE (International), 4-Wire & Ground	52220-IM3	—	220/380V AC	(3) 2220 (1) 8250-GN
3-Phase Delta, 3-Wire & Ground	52240-DM3	—	240V AC	(3) 2240
3-Phase WYE, 4-Wire & Ground	52277-M3	52277-CM3	277/480V AC	(3) 2277 (1) 8320-GN
3-Phase WYE, 4-Wire & Ground	52347-M3	—	347/600V AC	3) 2347 (1) 8385-GN
3-Phase Delta, 3-Wire & Ground	52480-DM3	—	480V AC	(3) 2480
Split Phase Delta, 4-Wire & Ground	52412-DS3	—	120/240V AC	(2) 2120 (120V) & (1) 2412 (HI-LEG)

### Performance Specifications: 52000 Series

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)				MAX. SURGE CURRENT in KA (Test w/8x20µs wave)	NOISE REJECTION
		L-N	L-G	N-G	L-L		
52120-M1	150V AC	400	800	400	—	100	-20 to -40 dB (@5K-10MHz)
52120-M3 52120-CM2	150V AC	400	800	400	800	100	-20 to -40 dB (@5K-10MHz)
52120-M2H	150V AC	400	800	400	800	100	-20 to -40 dB (@5K-10MHz)
52120-M3 52120-B3 52120-CM3	150V AC	400	800	400	800	100	-20 to -40 dB (@5K-10MHz)
52220-IM3	250V AC	600	1200	600	1200	100	-20 to -40 dB (@5K-10MHz)
52240-DM3	L-L: 250V AC	—	—	—	600	100	-20 to -40 dB (@5K-10MHz)
52277-M3 52277-CM3	320V AC	800	1800	800	1800	100	-20dB to -40 dB (@5K-10MHz)
52347-M3	420V AC L-L: 680	900	—	—	900	100	-20 to -40 dB (@5K-10MHz)
52480-DM3	550V AC	—	—	—	1500	100	-20 to -40 dB (@5K-10MHz)
52412-DS3	L-L: 250V AC	400	800	400	800	100	-20 to -40 dB (@5K-10MHz)

### Remote Supervisor

DESCRIPTION	CAT. NO.
Remote Supervisor	52000-RS

### SPECIFICATIONS AND FEATURES

#### 52000 Series

- For installation at branch panels for protection in industrial & commercial facilities
- Hybrid suppression circuitry
- Features AC sine wave tracking and redundant protection
- Modular design allows easy replacement of modules without use of tools or the need to shut down the AC system
- Real-time diagnostics monitor power & suppression status for each phase & allow use of optional Remote Supervisor
- Dry contacts for remote monitoring
- Provides Normal Mode (phase to neutral) &

- Common Mode (neutral to ground) protection for WYE-configured 3-phase AC systems
- “Optional Series Connections” (Kelvin/feed-through) rated for 100 Amps maximum continuous line current using #3 AWG conductors
- Fuse protection for each module
- Housed in NEMA-12 case hinged cover, surface or flush mountable

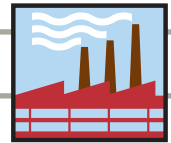
### TESTING AND CODE COMPLIANCE

#### 52000 Series

- UL 1449 Listed 2nd Ed. (File #E-146315)
- CSA Certified (File #LR-94773)
- Meets ANSI/IEEE C62.41 and 62.45 requirements for Categories A, B, C
- Backed by a Limited 10-Year Warranty

### MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C  
Storage Temperature: -20°C to 85°C



47000 & 52000-7M3 Series Branch Panel Mounts

DESCRIPTION	CAT. NO. W/O SURGE COUNTER	CAT. NO. W/ SURGE COUNTER	VOLTAGE RATING 3 $\phi$ WYE (4-Wire & Ground)	MODULE
7-Mode Panel Mount (4-Wired + Ground)	47120-007	—	120/208V AC	—
7-Mode Panel Mount w/NEMA 4X Enclosure (4-Wire + Ground)	47120-4X7	—	120/208V AC	—
7-Mode Panel Mount (4-Wired + Ground)	47277-007	—	277/480V AC	—
7-Mode Panel Mount w/NEMA 4X Enclosure (4-Wire + Ground)	47277-4X7	—	277/480V AC	—
7-Mode Panel Mount (4-Wired + Ground)	47347-007	—	347/600V AC	—
7-Mode Modular Panel Mount (4-Wired + Ground)	52120-7M3	52120-7C3	120/208V AC	(3) 120-7M3 (1) 8120-GN
7-Mode Modular Panel Mount (4-Wired + Ground)	52277-7M3	52277-7C3	277/480V AC	(3) 220-7M3 (1) 8120-GN



47120-007

Performance Specifications: 47000 and 52000-7M3 Series

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)				MAX. SURGE CURRENT in KA (Test w/8x20 $\mu$ s wave)			NOISE REJECTION
		L-N	L-G	N-G	L-L	L-N + L-G = per phase			
47120-007 47120-4X7	140V AC	330	400	330	600	200	200	400	-40 dB (@10K-10MHz)
47277-007 47277-4X7	320V AC	700	800	700	1500	200	200	400	-40 dB (@10K-10MHz)
47347-007	390V AC	1200	1300	1200	2200	200	200	400	-40 dB (@10K-10MHz)
52120-7M3 52120-7C3	150V AC	400	400	400	800	100	100	200	-20 to -40 dB (@5K-10MHz)
52277-7M3 52277-7C3	320V AC	800	800	800	1500	100	100	200	-20 to -40 dB (@5K-10MHz)



47120-4X7

Surge Protective Devices

SPECIFICATIONS AND FEATURES

47000 & 52000-7M3 Series

- Provides low-clamping, high surge current capability
- Verifies fail-safe conditions for MOVs under steady-state overvoltage
- 200 kA rated per mode
- Parallel wired to facilitate connection to any service ampacity
- Provides Normal Mode (phase to neutral) & Common Mode (neutral to ground) protection for WYE-configured 3-phase AC systems
- Available with NEMA Type 4X enclosure for outdoor/uncontrolled environments

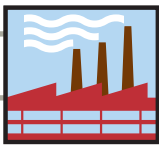
TESTING AND CODE COMPLIANCE

47000 & 52000-7M3 Series

- UL 1449 Listed 2nd Ed. (File #E-146315)
- CSA Certified (File #LR-94773)
- Meets ANSI/IEEE C62.41 and 62.45 requirements for Categories A, B, C
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

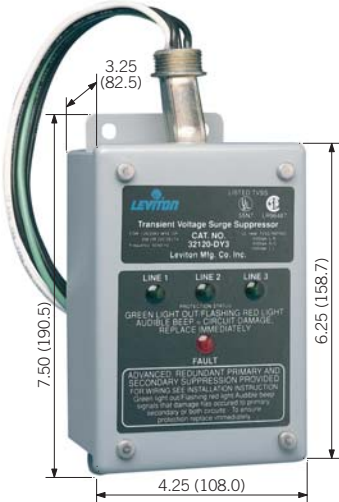
Operating Temperature: -10°C to 60°C  
Storage Temperature: -20°C to 85°C



# MULTI-PHASE PANEL PROTECTORS

## Industrial Grade Surge Protective Devices

Surge Protective Devices



**32120-DY3**



**42120-DY3**

### 32000 and 42000 Series for Branch Panels

DESCRIPTION	CAT. NO.	VOLTAGE RATING
Single-Phase	<b>32120-1</b> <b>42120-1</b>	120/240V AC
3-Phase WYE or 220V AC, 3Ø Delta	<b>32120-DY3</b> <b>42120-DY3</b>	120/208V AC
277/480V or 220/380V AC	<b>32277-DY3</b>	277/480V AC, 220/380V AC
3-Phase WYE or 240, 480V AC 3Ø Delta	<b>42277-DY3</b>	480V AC
3-Phase WYE	<b>32347-DY3</b> <b>42347-DY3</b>	347/600V AC
Hi-Leg Split Phase Delta	<b>32412-DS3</b> <b>42412-DS3</b>	120/240V AC
Flush Mount Collar	<b>42001-FMC</b>	

### Performance Specifications: 32000 and 42000 Series

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)			MAX. SURGE CURRENT in KA (Test w/8x20µs wave)	NOISE REJECTION	
		L-N	N-G	L-L		3200 Series	4200 Series
<b>32120-1</b> <b>42120-1</b>	150V AC	500	500	700	80kA	-20 to -30 dB (@1.5K-1.2MHz)	-30 to -40 dB (@10K-10MHz)
<b>32120-DY3</b> <b>42120-DY3</b>	150V AC	500	500	700			
<b>32277-DY3</b> <b>42277-DY3</b>	320V AC	900	800	1500			
<b>32347-DY3</b> <b>42347-DY3</b>	382V AC L-L 660V AC	1200	1000	2000			
<b>32412-DS3</b> <b>42412-DS3</b>	320V AC L-L 264V AC	400	700 (HiL-N)	800			

#### SPECIFICATIONS AND FEATURES

##### 32000 & 42000 Series

- 32000 Series compatible with Decora Home Automation devices
- Dry contacts for remote monitoring (NO-C-NC)
- Provide multiple-phase surge protection in commercial & industrial environments
- Compact design permits close installation to panel & provides a short parallel suppression path
- 3-phase units are suitable for WYE & Delta AC systems
- Easily surface-mounted or flush mountable with use of flush collar accessory 42001 FMC
- Real-time diagnostics monitor power & surge suppression status of each phase by means of indicator light & acoustic alarm
- Equipped with normally open/normally closed dry contacts rated 5 Amps 120/240V AC via 3 color-coded AWG leads rated 600V AC for remote monitoring

#### TESTING AND CODE COMPLIANCE

##### 32000 & 42000 Series

- UL 1449 Listed 2nd Ed. (File #E-146315)
- CSA Certified (File #LR-94773)
- Meets ANSI/IEEE C62.41 and 62.45 requirements for Categories A, B, C
- Backed by a Limited 10-Year Warranty

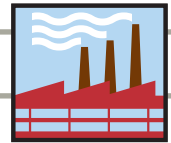
#### MATERIAL CHARACTERISTICS

##### 32000 & 42000 Series

Operating Temperature: -10°C to 60°C  
Storage Temperature: -20°C to 85°C

# LOW VOLTAGE COMMUNICATION MODULES

## Industrial Grade Surge Protective Devices



### 3400 and 3800 Series Low Voltage Communication Surge Protection Modules

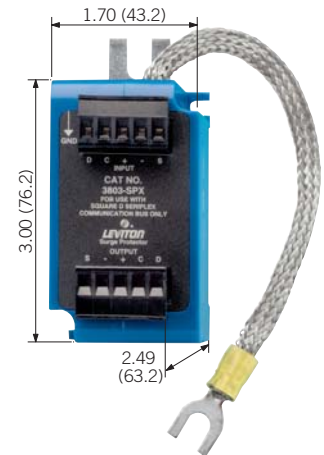


DESCRIPTION	CAT. NO.	RATING	APPLICATION
3-Pin Header Connector, Surface Mount	<b>3803-DHP*</b>	9.6V DC	For programmable logic devices and other computer-related data network products operating on "Blue Hose" networks
6-Pin Header Connector, Surface Mount	<b>3803-485*</b>	9.6C DC	For programmable logic other devices and computer related data network products operating on Allen Bradley DH-485 data networks
5-Pin Header Connector Surface & DIN-Rail Mount	<b>3803-SPX</b>	13.6V DC	For products operating on SERIPLEX control bus networks
DB-9 Connector, Surface & DIN-Rail Mount	<b>3803-CAN</b>	25V DC	For products operating on Honeywell control bus
3-Pin Header Connector, Surface Mount	<b>3803-MOD</b>	9.6V DC	For products operating on Modbus and Modbus Plus networks
3-Pin Header Connector, Surface Mount	<b>3420-009*</b>	9.6V DC	For products operating on 4-20ma Signal Loop networks, 9V DC
3-PIN Header Connector, Surface Mount	<b>3420-035*</b>	38.5V DC	For products operating on 4-20ma Signal Loop networks, 38V DC
4-Position Terminal Block Surface & DIN-rail Mount	<b>3860-GEF</b>	100V DC	For products operating on GE Fanuc Control Bus networks
RJ-45 Connector, Surface & DIN-Rail Mount	<b>3861-ETH</b>	19.8V DC	For products operating on Ethernet PLC ports and CAT 3 networks
BNC Connector, Surface & DIN-Rail Mount	<b>3862-COM</b>	9.18V DC	For ControlNet networks
5-Pin Header Connector Surface & DIN-Rail Mount	<b>3863-DEV</b>	19.8V DC	For DeviceNet networks

\*The Rockwell Automation Encompass Program references complementary products from third party manufacturers committed to providing quality products and services that enhance the Rockwell Automation Solution products and solve the industrial automation needs of mutual customers.



3803-485



3803-SPX

Surge Protective Devices

#### SPECIFICATIONS AND FEATURES

##### 3400 & 3800 Series

- Designed for mounting in standard equipment cabinets
- For use on Allen Bradley & "Blue Hose" devices
- Two options for ground connection
- Low clamping voltage
- Withstands surges at programmable logic devices in harsh electromagnetic or geographic areas
- Provide transient voltage surge suppression for a selection of programmable logic devices & other computer-related data network products

#### TESTING AND CODE COMPLIANCE

##### 3400 & 3800 Series

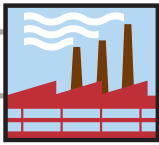
- UL 497B Listed (#E175161)
- CSA Certified (#LR-94773)
- Meets ANSI/IEEE C-62.41 requirements
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

Operating Temperature: -40°C to 60°C (3803-DHP, 3803-485, 3803-MOD, 3420-009, 3420-035); -10°C to 85°C (3803-SPX, 3803-CAN, 3860 Series)

Storage Temperature: -40°C to 90°C (3803-DHP, 3803-485, 3803-MOD, 3420-009, 3420-035); -20°C to 85°C (3803-SPX, 3803-CAN, 3860 Series)





# EQUIPMENT CABINET SURGE PROTECTION

## Industrial Grade Surge Protective Devices

Surge Protective Devices



**3800-DIN**



**3800-OEM**



**3840-DIN**

### Equipment Cabinet Surge Protection Modules 3800 Series

DESCRIPTION	CAT. NO.	RATING
For DIN-Rail Mounting, w/Terminal Block; 120V AC	<b>3800-DIN</b>	120V AC (VRMS)
Terminal Block; 120V AC	<b>3800-OWM</b>	120V AC (VRMS)
Pigtail Wire Leads, 6" long; 120V AC	<b>3800-OEM</b>	120V AC (VRMS)
For DIN-Rail Mounting, w/Terminal Block; 12V DC	<b>3812-DIN</b>	12V DC
Terminal Block; 12V DC	<b>3812-OWM</b>	12V DC
Pigtail Wire Leads; 6" long; 12V DC	<b>3812-OEM</b>	12V DC
For DIN-Rail Mounting, w/Terminal Block; 24V DC	<b>3824-DIN</b>	24V DC
Terminal Block; 24V DC	<b>3824-OWM</b>	24V DC
Pigtail Wire Leads; 6" long; 24V DC	<b>3824-OEM</b>	24V DC
For DIN-Rail Mounting, w/Terminal Block; 240V AC	<b>3840-DIN</b>	240V AC (VRMS)
Terminal Block; 240V AC	<b>3840-OWM</b>	240V AC (VRMS)
Pigtail Wire Leads; 6" long; 240V AC	<b>3840-OEM</b>	240V AC (VRMS)
For DIN-Rail Mounting, w/Terminal Block; 48V DC	<b>3848-DIN</b>	48V DC
Terminal Block; 48V DC	<b>3848-OWM</b>	48V DC
Pigtail Wire Leads; 6" long; 48V DC	<b>3848-OEM</b>	48V DC

### Clamping Performance and Performance Specification

CLAMPING PERFORMANCE	CAT. NO. 3800	CAT. NO. 3840
UL Standard 1449 permanently-wired test (8x20μs, 3000A)	L-N: 500V Peak L-G: 500V Peak N-G: 500V Peak	L-N: 330V Peak L-G: 400V Peak N-G: 330V Peak
PERFORMANCE SPECIFICATION	CAT. NO. 3800	CAT. NO. 3840
Max. Single-Pulse	L-N: 1300A	L-N: 1300A
Transient Current (8X20μS, Impulse)	L-G: 6500A N-G: 6500A	L-G: 6500A N-G: 6500A

Consult factory for detailed performance data for other models.

### Equipment Cabinet Surge Protection Receptacles

DESCRIPTION	CAT. NO.	RATING
Hospital Grade Duplex Receptacle 60Hz	<b>3880-DIN</b>	15A-120V @ 50,
Single Convenience Outlet 60Hz	<b>3801-DIN</b>	15A-120V @ 50,

### Performance Data (3880-DIN, 3801-DIN)

CLAMPING VOLTAGE*	MCOV†	MAX. SINGLE PULSE TRANSIENT CURRENT (8X20μs, Amps peak)	EMI-RFI NOISE REJECTION @50 ohms 5kHz-5MHz
400/400/400V pk	150Vrms	24kA(L-N), 12kA(L-G/N-G)	-35dB

\*UL 1449 Suppressed Voltage Ratings (SVR) Assigned at 6" length with 6k/500A per UL1449 (2nd Ed.)

†Maximum Continuous Operating Voltage.

#### SPECIFICATIONS AND FEATURES

##### 3800 Series

- MOV-based suppression circuitry provides optimum clamping
- Provides Normal Mode protection for line-to-neutral & common mode; line-to-ground & neutral-to-ground
- Noise rejection @ 5kHz-5MHz: -35db
- 3800: 135V (MCOV); 3840: 250V (MCOV)
- 3800-DIN, 3800-OWM: Terminal block accepts 22 AWG to 12 AWG conductors
- Consult factory on additional ratings on 3812, 3824 & 3848

##### 3880-DIN & 3801-DIN

- Ideal for mounting in equipment cabinets where convenient plug-in surge protection is desired
- Green LED indicates surge protection loss
- Audible alarm w/integral disable (quiet) switch
- Power continues to be provided to loads in the event of protection loss
- Terminal Block accepts #22-#12 AWG conductors

#### TESTING AND CODE COMPLIANCE

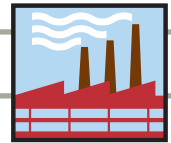
- Recognized to UL 1449 (E146315/DC-E175161)
- CSA Certified (#LR-94773)
- Meets ANSI/IEEE C-62.41 & C-62.45 Categories A, B & C (B & C ONLY for Cat Nos.3880-DIN & 3801-DIN)
- Backed by a Limited 10-Year Warranty

#### MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C  
Storage Temperature: -20°C to 85°C

# SURGE PROTECTIVE RECEPTACLES

## Industrial Grade Surge Protective Devices



### Hospital Grade Surge Protective Receptacles—120V NOM CULUS LISTED

DESCRIPTION	CAT. NO.	COLOR*
15A Duplex—Indicator Light, Audible Alarm	8280	I, W, A, T, R, B <i>Basic Cat. No. Denotes Brown</i>
20A Duplex—Indicator Light, Audible Alarm	8380	I, W, GY, B, R
20A Single—Indicator Light, Audible Alarm	8381	I, (No Brown)

### Hospital Grade Isolated Ground Surge Protective Receptacles—120V UL SF

DESCRIPTION	CAT. NO.	COLOR*
15A Duplex—Indicator Light, Audible Alarm	8280-IG	I, W, G, B, O <i>Brown Not Available</i>
15A Single—Indicator Light, Audible Alarm	8281-IG	I, O
20A Duplex—Indicator Light, Audible Alarm	8380-IG	I, W, G, B, O
20A Single—Indicator Light, Audible Alarm	8381-IG	I, W, B

### Industrial Grade Surge Protective Receptacles—120V UL SF

DESCRIPTION	CAT. NO.	COLOR*
15A Duplex—Indicator Light	5280	I, W, A, T, GY, B <i>Basic Cat. No. Denotes Brown</i>
15A Duplex—Indicator Light, Audible Alarm	7280	I, W, A, GY, B
20A Duplex—Indicator Light	5380	I, W, GY, B
20A Duplex—Indicator Light, Audible Alarm	7380	I, W, GY, B

### Industrial Grade Isolated Ground Surge Protective Receptacles—120V UL SF

DESCRIPTION	CAT. NO.	COLOR*
15A Duplex—Indicator Light	5280-IG	I, W, A, G, B, O <i>Basic Cat. No. Denotes Brown</i>
20A Duplex—Indicator Light	5380-IG	I, W, G, B, O

### General Data

SPECIFICATION	DATA APPLICABLE TO ALL
Rated line voltage	120V (VRMS)
Max. continuous operating voltage	150V
Max. single-pulse transient current (8x20µs, Amps peak)	24000A (L-N) 12000A (L-G) 12000A (N-G)
Rated single-pulse transient energy (10x1000µs, impulse)	320 Joules
Noise rejection @ 5kHz-5MHz	-35dB

### Clamping Performance

SPECIFICATION	DATA APPLICABLE TO ALL
UL Standard 1449 (2nd Edition) permanently-wired test (8x20µs, 3000A); CSA and NOM Certified	(L-N): 400V Peak (L-G): 400V Peak (N-G): 400V Peak

#### SPECIFICATIONS AND FEATURES

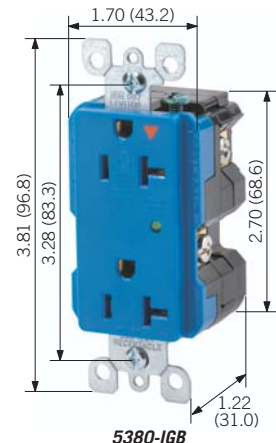
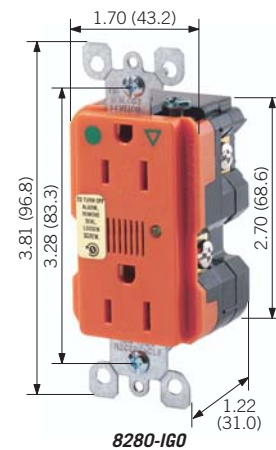
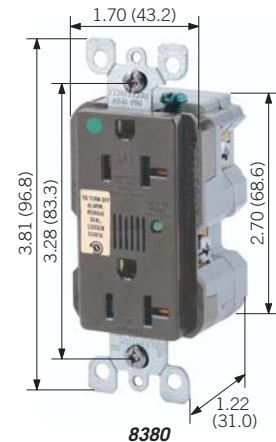
- Provides hard-wired point-of use surge protection for electronic equipment in industrial, commercial and residential applications
- 3-Level surge protection for phase to neutral, phase to ground and neutral to ground
- All receptacles are back and side wired
- Hospital Grade versions (indicated by green dot on receptacle face) are suitable for high-abuse health care, industrial and commercial applications
- Isolated Ground versions (indicated by orange color or orange triangle on receptacle face) provide a pure ground path for use with isolated grounding systems
- Monitor/Indicator LED is ON continuously when protection is active and OFF when protection circuit is deactivated due to excessive transients
- All Hospital Grade devices and Cat. Nos. 7280 and 7380 Industrial devices also provide an audible tone alert that sounds if protection is lost
- EMI/RFI filtering
- Decora styling complements any interior and coordinates with Leviton's popular line of Decora devices

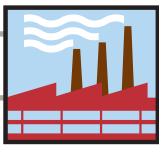
#### TESTING AND CODE COMPLIANCE

- UL Listed Standard 1449 (2nd Edition)
- CSA certified
- Meets ANSI/IEEE C62.41 standards for both Categories A & B
- All SPD receptacles are backed by a Limited 10-Year Warranty

#### \*COLOR

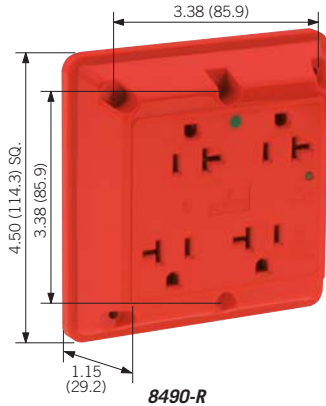
Basic Cat. Nos. shown above denote Brown device, except Hospital Grade IG devices not available in Brown. Colors available as listed above, add suffix to basic catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-G or -GY), Blue (-B), Orange (-O), Red (-R).





# FOUR-IN-ONE SURGE PROTECTIVE RECEPTACLES

## Industrial Grade Surge Protective Devices



8490-R



3254-E



4254-Y

### Four-In-One Surge Protective Receptacles—120V

DESCRIPTION	CAT. NO.	COLOR*
15A Hospital Grade Four-In-One	8480	I, W, R
15A Hospital Grade Four-In-One Isolated Ground	8480-IG	I, W, B
20A Hospital Grade Four-In-One	8490	I, W, R
20A Hospital Grade Four-In-One Isolated Ground	8490-IG	I, W, B
15A Industrial Grade Four-In-One	5480	I, W, GY, BU, R
15A Industrial Grade Four-In-One Isolated Ground	5480-IG	I, B
20A Industrial Grade Four-In-One	5490	I, W, GY, BU
20A Industrial Grade Four-In-One Isolated Ground	5490-IG	I, B

### Four-In-One Adapter Plates

CAT. NO.	COLOR*
3254	Basic Cat. No. Denotes Brown I, W, GY, R, E, OR, BLU

### Four-In-One Portable Boxes†

CAT. NO.	COLOR*
4254	Brown Not Available I, GY, E, OR, BLU, Y

### General Data

SPECIFICATION	DATA FOR SURGE RECEPTACLES
Rated line voltage	120V (VRMS)
Max. continuous operating voltage	150V
Max. single-pulse transient current (8x20µs, Amps peak)	24000A (L-N) 12000A (L-G) 12000A (N-G)
Rated single-pulse transient energy (10x1000µs, impulse)	320 Joules
Noise rejection @ 5kHz-5MHz	-35dB

### Clamping Performance

SPECIFICATION	DATA FOR SURGE RECEPTACLES
UL Standard 1449 (2nd Edition) permanently-wired test (8x20µs, 3000A); CSA and NOM Certified	(L-N): 330V Peak (L-G): 400V Peak (N-G): 400V Peak

†Portable boxes are not UL Listed. UL Listing does not apply when Four-In-One receptacles are used with portable boxes for extension cord applications.

Surge Protective Devices

### SPECIFICATIONS AND FEATURES

#### Four-In-One Surge Protective Receptacles

- Replaces standard duplex receptacle with four surge-protected receptacles
- Ideal for locations where surge-protected receptacles are needed and plug-in devices can't be used
- 3-Level surge protection for phase to neutral, phase to ground and neutral to ground
- Hospital Grade versions (indicated by green dot on receptacle face) are suitable for high-abuse health care, industrial and commercial applications
- Isolated Ground versions (indicated by orange color or orange triangle on receptacle face) provide a pure ground path for use with isolated grounding systems

- Monitor/Indicator LED is ON continuously when protection is active and OFF when protection circuit is deactivated due to excessive transients

#### Four-In-One Adapter Plates & Portable Box

- Adapter plates not required with most standard wallboxes; provides popular "flush fit" look for any installation
- Portable Box designed for all Four-In-One Receptacles (not UL Listed for extension cord applications)
- Four-In-One Portable Box accepts #16/3 AWG Type SJ to #12/3 AWG Type SO COPPER Only

### TESTING AND CODE COMPLIANCE

- UL 498 Listed (#13399)
- Meets ANSI/IEEE C-62.41 & C-62.45 standards for both Categories A & B requirements
- CSA Certified (#152105)
- Backed by a Limited 10-Year Warranty

#### Four-In-One Adapter Plates

- UL Listed (File #E-13397 – Cat. No. 3254)

#### \*COLOR

Colors available as listed above. For IG devices, Basic Cat. No. denotes Orange device. Add suffix to basic catalog numbers as follows: Ivory (-I), White (-W), Gray (-GY), Blue (-B, -BU or -BLU), Black (-E), Orange (-OR), Red (-R), Yellow (-Y)

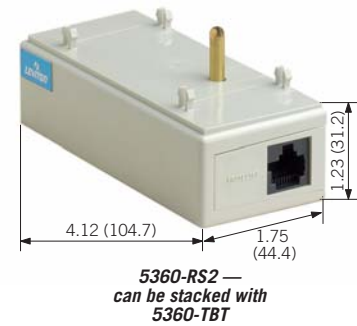
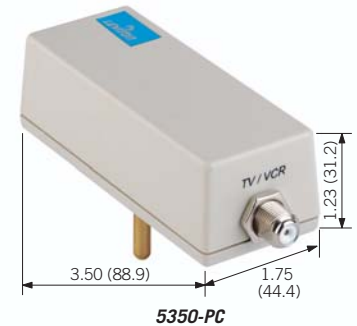
# LOW-VOLTAGE and DATA LINE SURGE PROTECTIVE DEVICES

## Commercial Grade Surge Protective Devices



### Low-Voltage and Data Line SPD's (Stand-Alone and Stackable)

DESCRIPTION	CAT. NO.	NO. OF WIRES OR PINS PROTECTED (Active Pins)	APPLICATION	OPERATING LINE VOLTAGE	CLAMP VOLTAGE
4-Wire Line Connector-RJ11	<b>5350-TLL</b> (Stand-Alone)	4 RJ11 (2, 3, 4, 5)	Telco Lines	70V DC	105V (1)
8-Wire RS-232 Connector-RJ45	<b>5350-RS2</b> (Stand-Alone)	8 Wire RJ45 (1 thru 8)	RS-232	18V DC	27V (1)
4-Wire Ethernet Connector-RJ45	<b>5350-TBT</b> (Stand-Alone)	4 Wire RJ45 (1, 2, 3, 6)	10 Base T (Ethernet)	4V DC L-L	5V (1,2)
2-Wire Video/3270 Connector-BNC	<b>5350-BNC</b> (Stand-Alone)	2 (Center + Shield)	Video or IBM 3270	8V DC	15V (1,3)
Token Ring Networks	<b>5350-TTR</b> (Stand-Alone)	4 Wire RJ45 (3, 4, 5, 6)	Token Ring	4.4V DC L-L	5V (1,2)
4-Wire RS-422 Terminal Strip (422)	<b>5350-TEB</b> (Stand-Alone)	4 Wire Terminal Strip (All)	RS-422	8V DC	15V
2-Wire Coax F-Connector	<b>5350-PC</b> (Stand-Alone)	2 (Center + Shield)	CATV	10V DC	25V (1,3)
2-Wire Coax F-Connector	<b>5350-SAT</b> (Stand-Alone)	2 (Center + Shield)	DSS Systems	10V DC	25V (1, 3)
4-Wire Dial-up Lines Connector-RJ11	<b>5350-PT4</b>	4 Wire RJ11 (2, 3, 4, 5)	4-Wire Telco	90V DC	220V (1)
8-Wire Dial-up Lines Connector-RJ45	<b>5350-PT8</b>	8 Wire RJ45	8-Wire Telco	90V DC	220V (1)
4-Wire DDS Lines Connector-RJ45	<b>5360-DDS</b> (Stackable)	4 Wire RJ45 (1, 2, 7, 8)	Digital Data Service	70V DC	105V (1)
8-Wire RS232 Connector-RJ45	<b>5360-RS2</b> (Stackable)	8 Wire RJ45 (1 thru 8)	RS-232	18V DC	27V (1)
4-Wire Ethernet Connector-RJ45	<b>5360-TBT</b> (Stackable)	4 Wire RJ45 (1, 2, 3, 6)	10 Base T	4V DC	5V (1, 2)



Surge Protective Devices

#### SPECIFICATIONS AND FEATURES

- For use in commercial & residential environments
- Provides protection against transient voltage surges in a facility's communications lines
- Configurable to Local Area Networks (LAN's), Wide Area Networks (WAN's), Data Lines, CATV & CCTV Cable networks
- Individual devices can be applied as needed; several can be stacked together, to share a single 120V AC line receptacle as a common ground point

#### 5350-TLL

- For use on 4-wire telephone lease line networks

#### 5350-RS2 & 5360-RS2

- For use on 8-wire RS-232 communication networks

#### 5350-TBT & 5360-TBT

- For use on 4-wire ethernet data lines

#### 5350-BNC

- For use on video or IBM 3270 lines

#### 5350-TTR

- For use on token ring data networks

#### 5350-TEB

- For use on RS-422 data lines

#### 5350-PC & 5350-SAT

- 5350-PC for CATV lines; 5350-SAT for satellite receiver lines
- PC is computer beige; SAT is dark blue-gray

#### 5350-PT4 & PT8

- For use on 4- & 8-wire telephone lines
- PT4 is computer beige; PT8 is dark blue-gray

#### 5360-DDS

- For use on 4-wire telephone digital data service lines

#### TESTING AND CODE COMPLIANCE

- Meets IEEE C62.36 requirements
  - UL Listed 497A (#E146315)
  - UL 945-V flame retardant thermoplastic
- 5350-PC & 5350-SAT**
- UL Listed 452
  - CSA Certified (#LR-94773)

#### MATERIAL CHARACTERISTICS

Operating Temperature: -40°C to 85°C  
Storage Temperature: -40°C to 85°C





# PLUG-IN SURGE PROTECTIVE DEVICES

## Commercial Grade Surge Protective Devices



4800-PS



4950-PSC



4900-P

### Plug Strips NOM

DESCRIPTION	CAT. NO.	RATING	APPLICATION
6-Outlet Plug Strip w/6 ft. power cord	4800-PS	15A 125V	All-purpose
6-Outlet Plug Strip w/15 ft. power cord	4800-S15	15A 125V	All-purpose
6-Outlet Plug Strip w/6 ft. power cord, unswitched	4800-PSN	15A 125V	All-purpose
6-Outlet Plug Strip W/2 RJ11 Phone Jacks	4900-PST	15A 125V AC	Multi-stage protection

### Computer Grade Plug Strips

DESCRIPTION	CAT. NO.	RATING	APPLICATION
7-Outlet (6 switched, 1 continuously live) Strip; beige	4950-PS	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment
7-Outlet (6 switched, 1 continuously live) Strip w/Two RJ11 Phone Jacks; beige	4950-PST	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment
7-Outlet (6 switched, 1 continuously live) Strip w/Two F-type Coax Connectors; beige	4950-PSC	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment

### Plug-In Surge Suppressors

DESCRIPTION	CAT. NO.	RATING	APPLICATION
6-Outlet (2 front, 4 side switched) Plug-in; beige	4900-P	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment
6-Outlet (2 front, 4 side switched) Plug-in w/Two RJ11 Phone Jacks; beige	4900-PT	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment
6-Outlet (2 front, 4 side switched) Plug-in w/Two F-type Coax Connectors; beige	4900-PC	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment

### Surge Counter: 51000-SMC

DESCRIPTION	CAT. NO.
Plug-in Surge Counter	51000-SMC
Site Survey Kit*	51000-KIT

\*Consists of 51000-SMC surge counter and 5200-P plug-in SPD in carrying case, along with Power Quality Site Survey Workbook.

Surge Protective Devices

#### SPECIFICATIONS AND FEATURES

##### Plug Strips

- MOV surge protection for all outlets between line and neutral, neutral and ground, line and ground
- EMI/RFI filtering
- Green LED monitor light indicates that protection is active
- Equipped with a 6-foot 14-3 AWG power cord
- Lighted ON/OFF master switch/circuit breaker
- Resettable circuit breaker overload protection
- Clamping voltage: 4800 strips – 400V all modes, 4900 strips – 330V all modes

##### Computer Grade Plug Strips

- Provides excellent surge suppression & EMI/RFI noise attenuation for microprocessor-driven electronic equipment
- Three-stage protection: line-to-neutral, line-to-ground, neutral-to-ground
- Built-in overload circuit-breaker switch with reset button

- Indicator lights confirm unit is operating & properly grounded
- Clamping voltage: 330V all modes

##### Plug-Ins

- Provide excellent surge suppression & EMI/RFI noise attenuation for microprocessor-driven electronic equipment
- Indicator lights confirm unit is operating & properly grounded
- Audible alarm indicates protection is no longer active
- Clamping voltage: 330V all modes

##### 51000-SMC Surge Counter

- Plug-in design provides fast, simple way to determine if surges are present
- 3 settings indicate different sensitivity thresholds based on IEEE C62.41 impulse & ringwave waveforms
- Key operated to prevent tampering

#### TESTING AND CODE COMPLIANCE

##### Plug Strips

- UL Listed Standard 1449
- Meets ANSI/IEEE C62.41 requirements

##### Computer Grade Plug Strips

- UL Listed 1449
- Limited Lifetime Warranty

##### Plug-Ins

- UL Listed 1449
- Limited Lifetime Warranty



# RACK-MOUNT SURGE PROTECTIVE DEVICES

## Commercial Grade Surge Protective Devices



### 19" Rack-Mount Surge Protective Devices

DESCRIPTION	CAT. NO.	RATING
With ON/OFF Switch, NEMA 5-15P St. Blade Plug	<b>5500-190</b>	15A 125V
Without ON/OFF Switch, NEMA 5-15P St. Blade Plug	<b>5500-15N</b>	15A 125V
With ON/OFF Switch, NEMA L5-15P Locking Plug	<b>5500-15L</b>	15A 125V
Without ON/OFF Switch, NEMA L5-15P Locking Plug	<b>5500-NL</b>	15A 125V
With ON/OFF Switch, NEMA 5-20P St. Blade Plug	<b>5500-192</b>	20A 125V
With ON/OFF Switch, NEMA 5-20P St. Blade Plug	<b>5505-190</b>	15A 125V
Without ON/OFF Switch, NEMA 5-20P St. Blade Plug	<b>5500-20N</b>	20A 125V
With ON/OFF Switch, NEMA L5-20P Locking Plug	<b>5500-20L</b>	20A 125V
Without ON/OFF Switch, NEMA L5-20P Locking Plug	<b>5500-2NL</b>	20A 125V

5500-190

### General Data

SPECIFICATION	5500-190, 5505-190, 5500-15N, 5500-15L, 5500-NL	5500-192, 5500-20N, 5500-20L, 5500-2NL
Rated line voltage (VRMS)	120V	120V
Load current	15A	20A
Max. continuous operating voltage	135V	135V
Operating frequency range	50, 60Hz	50, 60 Hz

### Performance Data

SPECIFICATION	5500 SERIES	5505 SERIES
Max. single-pulse transient current (8x20μs, Amps peak)	52kA	10kA
Rated single-pulse transient energy (10x1000μs, Joules)	1440 Joules	540 Joules
Noise Rejection @ 100kHz – 30MHz	-5 to -40dB	-5 to -40dB
UL 1449 (2nd Ed) Impulse 6kV/500A	330/330/330	400/400/400

#### SPECIFICATIONS AND FEATURES

##### 19" Rack Mount SPD's

- Mounts on 19" equipment racks to provide point-of-use surge suppression for electronic equipment
- Clamping profile tightly tracks AC sine wave
- 6 protected duplex receptacles-5 in back, 1 in front
- Available with easy-access ON/OFF rocker-style switch, or without switch to avoid unnecessary equipment switching
- Resettable circuit breaker protects against over-loading & power supply failure
- Provided with 12-ft line cord with either NEMA 5-15P, L5-15P, 5-20P or L5-20P plug

#### TESTING AND CODE COMPLIANCE

##### 19" Rack Mount SPD's

- UL Recognized Component tested to UL 1449 standards
- Covered by a Lifetime Limited Downline Warranty

#### MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C  
Storage Temperature: -35°C to 60°C



# METER SOCKET SURGE ADAPTER and SECONDARY SURGE ARRESTER

## Residential Grade Surge Protective Devices

Surge Protective Devices



50240-MSA

### Meter Socket Surge Adapter

DESCRIPTION	CAT. NO.	RATING
Meter Socket Surge Adapter w/LED's Only	50240-MSA	120/240, 200A-4 Jaw
Meter Socket Surge Adapter w/LED's and Audible Alarm (Switchable)	50240-ASA	120/240, 200A-4 Jaw
Meter Socket Surge Adapter w/LED's and 3Ø, 4-Wire Audible Alarm (Switchable)	50208-ASA	120/208, 200A-7 Jaw,

### Secondary Surge Arresters

DESCRIPTION	CAT. NO.	MCOV	RATING
Secondary Surge Arrester	54175-SSA	150V AC*	120/240, 200A
Secondary Surge Arrester w/ LED's and Audible Alarm	55175-ASA	180V AC	120/240, 200A
Secondary Surge Arrester	55175-SSA	180V AC	120/240, 200A

\*MOV's rated at 150V. UL assigns a derated MCOV of 132V for surge arrester applications



54175-SSA



55175-ASA

### SPECIFICATIONS AND FEATURES

#### Meter Socket Surge Adapter

- Single 53mm MOV per line design (Line 1-Neutral, Line 2-Neutral) provides a higher energy capacity than smaller size (20mm) MOV's
- Superior to multiple small MOV configurations where the protection is only as good as the weakest MOV in the chain
- Rated for 65,000 peak amps maximum surge current
- Nominal clamping voltage per line: 800V
- Diagnostic LED's: Green indicates surge protection is active, Red indicates protection is no longer active

- Designed for 120/240 volt single-phase ringless or ring-type meters
- Rugged housing constructed of high-impact, non-conductive fiberglass-reinforced polycarbonate
- Available in popular jaw configurations, featuring spring-loaded, high-pressure copper-plated contacts for maximum conductivity

#### Secondary Surge Arresters

- Units come with 18" pigtail leads
- Constructed of high-impact, non-conductive, fiberglass-reinforced polycarbonate
- Compact design for easy installation

### TESTING AND CODE COMPLIANCE

- Surge arrester performance tested to IEEE C62.11 (10,000 amps/4 x 10 µs), IEEE C62.11, C62.41 & C62.45 Category C Standards
- UL Listed Surge Arrester (465V Discharge voltage @ 1500 amps) (#E146315)
- CSA Certified (#LR94773)
- Backed by a Limited 10-Year Warranty

### MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C  
Storage Temperature: -20°C to 85°C

# GENERAL PURPOSE PLUG-INS, SURGE PROTECTIVE PANELS

## Residential Grade Surge Protective Devices



### General Purpose Plug-In's

DESCRIPTION	CAT. NO.	RATING
6-Outlet Plug-in w/Power & Circuit Monitor Lights UL 1449 (All Modes) 400V	<b>3500-P</b>	15A 120V
6-Outlet Plug-in w/two RJ11 Phone Jacks, 6 ft. Phone Cord, Power & Circuit Monitor Lights UL 1449 (All Modes) 400V	<b>3500-PT</b>	15A 120V
6-Outlet Plug-in w/two F Coax Cable Connectors, 4 ft. Coax Cable Power & Circuit Monitor Lights UL 1449 (All Modes) 400V	<b>3500-PC</b>	15A 120V

### 51110 Series Residential Surge Protector Panels

DESCRIPTION	CAT. NO.	RATING
1-Phase, 3-Wire & Ground	<b>51110-1</b>	120/240V AC
Multimedia Panel: 1-Phase, 3-Wire & Ground with two pairs of phone/fax/modem terminals and CATV/Satellite F-Connectors	<b>51110-PTC</b>	120/240V AC
Multimedia Panel: 1-Phase, 3-Wire & Ground with four pairs of phone/fax/modem terminals and CATV/Satellite F-Connectors	<b>51110-CT8</b>	120/240V AC

### 51120 Series Branch Panel SPD's

DESCRIPTION	CAT. NO.	RATING
1-Phase, 3-Wire & Ground	<b>51120-1</b>	120/240V AC
3-Phase WYE, 4-Wire & Ground	<b>51120-3</b>	120/208V AC
1-Phase, 3-Wire & Ground; NEMA 3R Outdoor Enclosure	<b>51120-3R</b>	120/240V AC
1-Phase, 3-Wire & Ground; with RJ11 Telephone and F-Connector CATV/Satellite Modules	<b>51120-PTC</b>	120/240V AC

### Surge Protector Panel Performance Specifications

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)		MAX. SURGE CURRENT (Test w/8x20µs wave)
		L-N: 400V	L-L: 800V	
<b>51110-1</b>	150 V AC	L-N: 400V	L-L: 800V	L-N: 80kA
<b>51110-PTC</b>	150V AC	L-N: 400V	L-L: 800V	L-N: 80kA
<b>51110-CT8</b>	150V AC	L-N: 400V	L-L: 800V	L-N: 80kA
<b>51120-1</b>	150V AC	L-N: 500V	L-L: 800V	L-N: 50kA
<b>51120-3</b>	150V AC	L-N: 500V	L-L: 800V	L-N: 50kA
<b>51120-3R</b>	180V AC	L-N: 800V		L-N: 50kA
<b>51120-PTC</b>	150V AC	L-N: 500V	L-L: 800V	L-N: 80kA



3500-PT



51110-PTC



51120-1

### SPECIFICATIONS AND FEATURES

#### General Purpose Plug-Ins

- RFI filtering
- 3-stage protection: hot-to-neutral, hot-to-ground, neutral-to-ground
- Built-in fuse protection
- Monitor lights ON indicates circuit is powered and protected

#### 51110 Series

- 51110-PTC provides protection for 2 telco lines and 2 coax feeds
- 51110-CT8 provides protection for 4 telco lines and 2 coax feeds
- Compatible with Decora Home Controls (see Section B)

#### 51120 Series

- Standard J-Box metal enclosures with pre-punched knockouts; 51120-3R features NEMA 3R enclosure
- Compatible with Decora Home Controls (see Section B)

### TESTING AND CODE COMPLIANCE

- UL Listed 1449
- Meets ANSI/IEEE C62.41 & C62.45 requirements for Categories A, B & C
- Backed by a Limited 10-Year Warranty
- 51110 Series: CUL/US Certified
- 51120 Series: UL Listed and CSA Certified

Surge Protective Devices



# MODULAR SURGE PROTECTIVE STRIPS

## Residential Grade Surge Protective Devices



5950-SSG

### Modular Surge Protective Strips

Expandable design with 2 slots for interchangeable plug-in modules — a “future-proof” feature that allows the 5950 strip to accommodate changing surge protection requirements.

#### 5950 Modular Plug Strips

With six standard and three transformer-pad surge protected outlets, rated 15A 125V AC

DESCRIPTION	CAT. NO./COLOR INCLUDED	PROTECTION MODULES INCLUDED
Electronic Grade—for all electronic equipment	<b>5950-OPS</b> /Beige <b>5950-PSG</b> /Charcoal Gray	2-Blank
Home Office Grade—with protection for Phone/FAX/Modem	<b>5950-OST</b> /Beige <b>5950-STG</b> /Charcoal Gray	1-Blank, 1-Telephone (1-Line In, 2-Line Out)
Home Theater Grade—with protection for CATV or DSS Coax Lines	<b>5950-SCG</b> /Charcoal Gray	1-Blank, 1-Coax (2-Pairs In/Out F Connectors)
Satellite System Grade—with protection for Phone/FAX/Modem and CATV or DSS Coax Lines	<b>5950-SSG</b> /Charcoal Gray	1-Telephone (1-Line In, 2-Line Out), 1-Coax (2-Pairs In/Out F Connectors)

#### 5950 Performance Specifications

SPECIFICATION	ALL CAT. NO. 5950 STRIPS
Max. Continuous Operating Voltage	150 VRMS
Max. single-pulse transient current (8 x 20µsec, Amps peak)	92kA
Rated single-pulse transient energy (10 x 1000µsec, Joules)	1520 Joules
EMI/RFI Noise Rejection @ 50 Ohms 5kHz – 100MHz	-60dB
UL 1449 2nd Edition Clamping Rating (8 x 20µsec @ 3kA)	330V L-N, L-G, N-G

#### Interchangeable Plug-In Surge Protective Modules for All 5950 Strips

DESCRIPTION	CAT. NO./COLOR
Coax & Satellite Module — Two pairs of In/Out F Connectors for Satellite and Cable TV Systems	<b>5951-OSA</b> /Beige <b>5951-SAT</b> /Charcoal Gray
Ethernet Module — Two RJ45 Connectors with Ground Pin for Ethernet	<b>5952-OET</b> /Beige <b>5952-ETH</b> /Charcoal Gray
Coax Module — One pair of In/Out F Connectors for Cable TV Systems	<b>5953-OPC</b> /Beige <b>5953-PCG</b> /Charcoal Gray
Telephone Module — One Input, Two Output Connectors for Phone/FAX/Modem, also acts as a splitter	<b>5954-AT4</b> /Beige <b>5954-PT4</b> /Charcoal Gray
DSL/ADSL Module — One Input, Two Output Connectors for DSL/ADSL Line, also acts as a splitter	<b>5955-ODT</b> /Beige <b>5955-DTG</b> /Charcoal Gray

#### Performance Specifications

CAT. NO.	MCOV (VDC)	CLAMPING VOLTAGE (VDC)	TESTED TO SPECS. OF:
5951	60	388	UL452
5952	16.6	23	UL497B
5953	60	388	UL452
5954	288	715	UL497A
5955	205	210	UL497A

#### SPECIFICATIONS AND FEATURES

- Expandable modular design accepts a variety of plug-in modules to meet surge protection requirements as equipment changes
- Easy-to-use with six standard and three transformer-pad surge protected AC outlets
- Diagnostic indicators for Power, Protection, Polarity & Ground
- 7½ ft cord with convenient right-angle plug

#### TESTING AND CODE COMPLIANCE

- UL Listed Standard 1449 (2nd Edition) (#146315)
- Meets ANSI/IEEE C62.41 & C62.45 Categories A & B
- CSA Certified (#LR-94773)
- Limited Downline Warranty



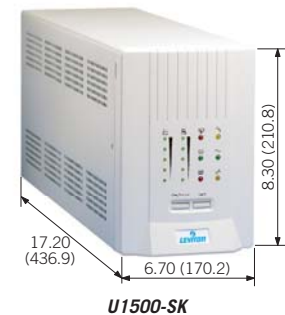
## Commercial Grade Uninterruptible Power Supplies (UPS's)

### Lev-UPS™ Uninterruptible Power Supplies (UPS's)

Leviton's new Lev-UPS product line offers the latest technology and features available in Uninterruptible Power Supplies. Lev-UPS devices will help prevent losses and costly downtime associated with outages, sags and blackouts. They are designed to provide back-up power for computers and workstations, data and telecom stations, industrial and commercial controls, medical equipment, lighting and many other sensitive loads.

#### Lev-UPS™ Online and Sine Series Uninterruptible Power Supply (UPS's)

CAT. NO.	PRODUCT NAME	RATING/DESCRIPTION	MAXIMUM BACK-UP TIME
U1000-ONL	Online 1000	On-Line, Pure Sine Wave, Tower, 1000VA, 4-Outlets, Software	54 minutes
U2000-ONL	Online 2000	On-Line, Pure Sine Wave, Tower, 2000VA, 8-Outlets, Hard-Wire, Software	97 minutes
U3000-ONL	Online 3000	On-Line, Pure Sine Wave, Tower, 3000VA, 8-Outlets, Hard-Wire, Software	105 minutes
U1000-ORM	Online 1000RM	On-Line, Pure Sine Wave, 3U Rack Mount, 1000VA, 4-Outlets, Software	49 minutes
U2000-ORM	Online 2000RM	On-Line, Pure Sine Wave, 3U Rack Mount, 2000VA, 8-Outlets, Hard-Wire, Software	74 minutes
U3000-ORM	Online 3000RM	On-Line, Pure Sine Wave, 3U Rack Mount, 3000VA, 8-Outlets, Hard-Wire, Software	99 minutes
U1000-SK	Sine 1000	Line Interactive, Pure Sine Wave, Tower, 1000VA, 4-Outlets, Surge, Software	42 minutes
U1500-SK	Sine 1500	Line Interactive, Pure Sine Wave, Tower, 1500VA, 6-Outlets, Surge, Software	70 minutes
U3000-SK	Sine 3000	Line Interactive, Pure Sine Wave, Tower, 3000VA, 6-Outlets, Surge, Software	182 minutes
U0800-SRM	Sine 800RM	Line Interactive, Pure Sine Wave, 3U Rack Mount, 800VA, 4-Outlets, Surge, Software	45 minutes
U1500-SRM	Sine 1500RM	Line Interactive, Pure Sine Wave, 3U Rack Mount, 1500VA, 4-Outlets, Surge, Software	70 minutes
U3000-SRM	Sine 3000RM	Line Interactive, Pure Sine Wave, 3U Rack Mount, 3000VA, 6-Outlets, Surge, Software	178 minutes



Surge Protective Devices

#### SPECIFICATIONS AND FEATURES

- Microprocessor control on all models
- Online Series models have true On-Line Double Conversion Topology with Input Power Factor Correction
- Sine Series models have Line-Interactive Topology (AVR)
- Lev-CON™ line interactive voltage regulation on all models. Compensates for minor sags and swells without transferring to battery, extending battery life
- Lev-WARE™ UPS control & monitoring software on all models
- Advanced Battery Management (ABM)
- Cold start capability (DC Power Up)
- Energy-saving sleep mode
- 50/60Hz auto sensing
- Overload & short-circuit protection
- Reliable design with high-MTBF
- Single circuit board with minimal wiring
- Lower operating temperatures
- Surge protection on AC & communication line
- User-replaceable, sealed, maintenance-free lead acid batteries

#### TESTING AND CODE COMPLIANCE

- UL 1778 & cUL Listed (File # E195168)
  - FCC compliant
  - ISO 9001 certified
  - 2-Year Limited Warranty covers parts, labor and battery
  - Limited Connected-Equipment Warranty
  - Exclusive Limited Under-Voltage Monitor Warranty
- Note: Consult your Leviton representative for complete Lev-UPS™ warranty details*





## POWER QUALITY

### Commercial Grade Uninterruptible Power Supplies (UPS's)



**U2200-AKP**



**U0500-AKP**



**U0600-AKP Face**



**U0600-AKP Back**

#### Lev-UPS™ Pro, Slim and Strip Series Uninterruptible Power Supplies (UPS's)

CAT. NO.	PRODUCT NAME	RATING/DESCRIPTION	MAXIMUM BACK-UP TIME
<b>U0425-AKP</b>	Pro 425	Line Interactive, Simulated Sine Wave, Tower, 425VA, 2-Outlets, Surge, Software	78 minutes
<b>U0625-AKP</b>	Pro 625	Line Interactive, Simulated Sine Wave, Tower, 625VA, 2-Outlets, Surge, Software	70 minutes
<b>U1000-AKP</b>	Pro 1000	Line Interactive, Simulated Sine Wave, Tower, 1000VA, 5-Outlets, Surge, Software	80 minutes
<b>U1500-AKP</b>	Pro 1500	Line Interactive, Simulated Sine Wave, Tower, 1500VA, 6-Outlets, Surge, Software	118 minutes
<b>U2200-AKP</b>	Pro 2200	Line Interactive, Simulated Sine Wave, Tower, 2200VA, 6-Outlets, Surge, Software	246 minutes
<b>U0500-AKP</b>	Slim 500	Line Interactive, Simulated Sine Wave, 1U, 500VA, 5-Outlets, Surge, Software	70 minutes
<b>U0600-ARM</b>	Slim 500	Line Interactive, Simulated Sine Wave, 1U Rack Mount, 600VA, 5-Outlets, Surge, Software	150 minutes
<b>U0320-SKO</b>	Strip 320	Off-Line, Simulated Sine Wave, 320VA, 6-Outlets, Surge, Software	19 minutes
<b>U0520-SKO</b>	Strip 520	Off-Line, Simulated Sine Wave, 520VA, 6-Outlets, Surge, Software	28 minutes

#### SPECIFICATIONS AND FEATURES

- Microprocessor control on all models
- Lev-CON™ line interactive voltage regulation on all models (except Strips). Compensates for minor sags and swells without transferring to battery, extending battery life
- Lev-WARE™ UPS control & monitoring software on all models
- Advanced Battery Management (ABM)
- Cold start capability (DC Power Up)
- Energy-saving sleep mode
- 50/60Hz auto sensing
- Overload & short-circuit protection
- Reliable design with high-MTBF
- Single circuit board with minimal wiring
- Lower operating temperatures
- Surge protection on AC & communication line
- User-replaceable, sealed, maintenance-free lead acid batteries

#### TESTING AND CODE COMPLIANCE

- UL 1778 & cUL Listed (File # E195168)
  - FCC compliant
  - ISO 9001 certified
  - 2-Year Limited Warranty covers parts, labor and battery
  - Limited Connected-Equipment Warranty
  - Exclusive Limited Under-Voltage Monitor Warranty
- Note: Consult your Leviton representative for complete Lev-UPS™ warranty details*

# Lampholders

## INDEX

Overview	.....	\$2
<b>Incandescent Lampholders</b>		
Outlet Box, Keyless and Pull Chain	.....	\$3, \$4
Metal Shell and Interiors	.....	\$5
Phenolic Cap and Shell	.....	\$5
Multi-Lampholder Clusters	.....	\$6
Porcelain Par Connectors	.....	\$6
Bayonet Socket-Single Contact	.....	\$6
Porcelain Mogul Base	.....	\$7
Socket Extensions	.....	\$8
Appliance Heating Receptacle	.....	\$8
Porcelain and Phenolic	.....	\$8
Porcelain Snap-In	.....	\$9
Porcelain Keyless-Commercial Units	.....	\$9
Porcelain Keyless Fixture	.....	\$9
Single Circuit-Medium Base	.....	\$9
Porcelain Keyless Medium Base-Side Angle Mounted	.....	\$10
Phenolic Keyless Fixture-Medium Base	.....	\$10
Lampholders for Recessed Single Contact Lamps	.....	\$10
Lampholders for Metal Halide and Quartz Halogen Lamps	.....	\$10
Candle Sockets	.....	\$10-\$12
<b>Fluorescent Lampholders</b>		
Linear Fluorescent	.....	\$13-\$17
Medium Bi-Pin	.....	\$13-\$15
High Output	.....	\$13, \$14
Slimline	.....	\$13, \$14
Miniature	.....	\$16
T-8 to T-5 Adapter	.....	\$16
4-Pin Long Twin Tube with 2G11 Base	.....	\$17
Lamp Support Clips for Long Twin Tube	.....	\$18
Compact Fluorescent Lampholders (CFL's)	.....	\$19-\$22

For a complete listing of OEM products, see the OEM-100 Catalog.



## LAMP HOLDERS

### A VARIETY OF INCANDESCENT AND FLUORESCENT STYLES IN A RANGE OF RATINGS AND MATERIALS

Leviton offers a complete selection of outlet box, incandescent, fluorescent and specialty lampholders, in various ratings and materials. The following pages offer a variety of types and styles.

#### PORCELAIN MEDIUM BASE LAMPHOLDER

With a choice of mounting and wiring options, these lampholders are ideal for a wide range of commercial and residential incandescent fixtures.

Cat. No. 8101 shown



#### OUTLET BOX LAMPHOLDER

Available in keyless, pull chain and outlet models, all featuring easy twist-lock mounting.

Cat. No. 8827-CW4 shown



#### LONG TWIN-TUBE 2G11 BASE LAMP HOLDERS

Choice of mounting and wiring options to reduce fixture assembly time.

Cat. No. 13453 shown



#### FLUORESCENT LAMPHOLDER FOR MEDIUM BI-PIN LAMPS

Features Lamp-Lock design for quick relamping. Models dedicated for energy-efficient T-8 lamps available.

Cat. No. 13653-WP shown



#### CANDELABRA BASE LAMPHOLDER

Keyless lampholders for chandeliers and other fixtures, featuring various hickeys or double snap-in spring clips.

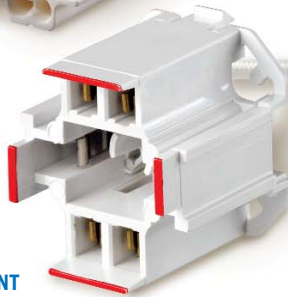
Cat. No. 10014-800 shown



#### COMPACT FLUORESCENT LAMP HOLDERS

Available for all popular 2-pin and 4-pin lamp bases, with a variety of mounting options. Color-coded for easy wattage identification.

Cat. No. 26725-426 shown



#### PORCELAIN MOGUL BASE LAMPHOLDER

A complete selection of high-quality porcelain moguls with leads or screw terminals. Pulse-rated models available.

Cat. No. 8756 shown

#### METAL SHELL LAMPHOLDER

Medium base, electrolier lampholders available in a variety of attractive finishes.

Cat. No. 9346-PG shown





## Outlet Box Lampholders

### 660 WATT 600V One-Piece Keyless Top Wired

DESCRIPTION/ TERMINALS	WHITE UREA CAT. NO.	OD	FITS BOX SIZE
2 Terminal Screws	8829-CW1	4½"	3¼" or 4"
6" Pigtail Leads	8829-CW2	4½"	3¼" or 4"
4 Terminal Screws	8829-CW4	4½"	3¼" or 4"

### 660 WATT 250V One-Piece Pull Chain Top Wired

DESCRIPTION/ TERMINALS	WHITE UREA CAT. NO.	OD	FITS BOX SIZE
2 Terminal Screws	8827-CW1	4½"	3¼" or 4"
6" Pigtail Leads	8827-CW2	4½"	3¼" or 4"
2 Terminal Screws with Captive Clamps	8827-CW4	4½"	3¼" or 4"

### 660 WATT 250V One-Piece Keyless Top Wired

DESCRIPTION/ TERMINALS	PORCELAIN CAT. NO.	OD	FITS BOX SIZE
2 Screws★	9874	3¾"	3¼"
2 Screws, no cage lip	9875	4½"	3¼" or 4"
6" Pigtail Leads, no cage lip	9875-2	4½"	3¼" or 4"
4 Screws	49875	4½"	3¼" or 4"
4 Quickwire Push-In★	9883	4½"	3¼" or 4"

### 660 WATT 250V One-Piece Pull Chain Top Wired

DESCRIPTION/ TERMINALS	PORCELAIN CAT. NO.	OD	FITS BOX SIZE
2 Screws	29816-C	4½"	3¼" or 4"
6" Pigtail Leads	29816-C2	4½"	3¼" or 4"
2 Screws w/Captive Clamps for 4-Wire Terminals	49816-C	4½"	3¼" or 4"
Interior Mechanism for 2-Piece Outlet Box Lampholders★	29816-CM*		

\*When existing stock is depleted, this item will be DISCONTINUED.

CSA Certified except where indicated by★



#### SPECIFICATIONS AND FEATURES

- Twist-lock mounting
- Pull chain models have bell at end of chain on 3 foot cord
- Medium base

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-3810)
- CSA Certified (File #LR-1863)



# 660W 125V — 15 AMP-125V

## Medium Base Incandescent Lampholders

Incandescent Lampholders



9716-C



9726-C

### Outlet Box Lampholders

#### 660 WATT 125V Lampholder Outlet 15 AMP-125V One-Piece Pull Chain Side Wired

DESCRIPTION/ TERMINALS	PORCELAIN	OD	FITS BOX SIZE	NEMA CONFIG.
2 Screws★	9716-C	4½"	3¼" or 4"	1-15R

#### 660 WATT 125V Lampholder Outlet 15 AMP-125V One-Piece Pull Chain Top Wired

DESCRIPTION/ TERMINALS	PORCELAIN	OD	FITS BOX SIZE	NEMA CONFIG.
2 Screws	9726-C	4½"	3¼" or 4"	5-15R

### Ball and Chain Accessories

DESCRIPTION	BRASS FINISH	NICKEL FINISH	
No. 6 Chain; ¼" Dia. Balls	18302-1	18302-1N	
Connector for No. 6 Chain	9820	9820-N	
Chain, 3 feet long, End Bell and Connector; use as extension or replacement; ½" Dia. Balls	6	6-N	
Insulating Link; Thermoplastic 1¾" Total Length	9839	9839-I	

CSA Certified except where indicated by★

#### SPECIFICATIONS AND FEATURES

- 2-Pole, 2-Wire Outlet; 2-Pole, 3-Wire Outlet
- Twist-lock mounting
- Pull chain models have bell at end of chain on 3 foot cord

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-3810; E-7516)
- CSA Certified (File #LR-1863)





**Metal Shell Lampholders**

**Medium Base, Choice of Finishes\***

DESCRIPTION	CAT. NO.	RATING
Key—Electrolier; Single Circuit; 1/8 IPS Tapped Bushing w/Set Screw	<b>9346</b>	250W 250V
Removable Turn Knob—Electrolier; Single Circuit; 1/8 IPS Tapped Bushing w/Set Screw	<b>10083-16</b>	250W 250V
Removable Turn Knob—Electrolier; 2-Circuit; 3 Terminal; 1/8 IPS Tapped Bushing less Set Screw	<b>7070</b>	250W 250V
Removable Turn Knob—Electrolier; 2-Circuit; 1/8 IPS Tapped Bushing	<b>7090</b>	250W 250V
Pull Chain—Electrolier; Single Circuit; 1/8 IPS Tapped Bushing w/Set Screws	<b>19980</b>	660W 250V
Push Through—Electrolier; Single Circuit; 1/8 IPS Tapped Bushing w/Set Screw	<b>7080</b>	660W 250V
Keyless—Electrolier; Single Circuit; 1/8 IPS Tapped Bushing w/Set Screw	<b>8004</b>	660W 250V
Keyless—Short Electrolier; Single Circuit; 1/8 IPS Tapped Bushing w/Set Screw	<b>9347</b>	660W 250V

**Metal Shell Lampholders**

**Interiors — Medium Base, Phenolic Body, Aluminum Screw Shell†**

LAMPHOLDER	CAT. NO. INTERIOR
19980	<b>19980-M†</b>
10083-16	<b>10083-M†</b>
7070	<b>7070-M†</b>
7090	<b>7090-M†</b>
9346	<b>9346-M†</b>
6098	<b>7080-M†</b>
8004	<b>8004-M†</b>

**Brown Phenolic Cap and Shell Lampholders**

**Two-Piece, Medium Base Electrolier Interiors**

DESCRIPTION	CAT. NO.	RATING	INTERIORS†
Pull Cord (nylon); 2-Circuit; 1/8 IPS Threaded Cap w/Set Screw	<b>97092</b>	250W 250V	7092-2M†
Push-Through; 1/8 IPS Threaded Cap w/Set Screw	<b>95110</b>	660W 250V	7080-M†
Keyless; 1/8 IPS Threaded Cap w/Set Screw	<b>95080</b>	660W 250V	8004-M†

†UL Recognized component.

NOM Certified except where indicated by†.

**SPECIFICATIONS AND FEATURES**

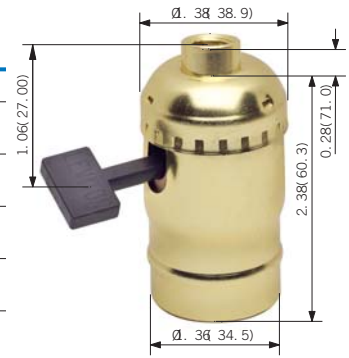
- Phenolic interior with aluminum screwshell
- 2-Circuit lampholders operate dual-filament lamps in sequence of Low-Medium-High-Off
- Cat. No. 7070 (2-Circuit, 3-Terminal) is wired in series with keyless lampholder

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-3810)
- CSA Certified (File #LR-1863)
- NOM Certified (File #057), except interiors

**\*FINISH**

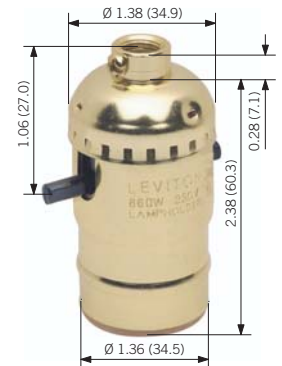
A suffix must be added to each basic catalog number to indicate the finish desired. For Polished Gilt/Brass finish, add -PG; for Unfinished Aluminum, add -AL; for Polished Aluminum, add -NI (finishes on aluminum). For bright dip/Brass, add -BR (finish on brass). CONSULT LEVITON REPRESENTATIVE FOR AVAILABILITY OF FINISHES.



**9346**



**7090**



**7080**



**95110**



660W 250V

## Medium, Candelabra Base, Par Connectors—Incandescent Lampholders

Incandescent Lampholders



4034-F5A



341-D4U



4032-E5F

### Medium Base Multi-Lampholder Clusters

Treated Aluminum Screw Shell

DESCRIPTION	CAT. NO.	RATING	T	TA	B	BA	OAH T+B
2-Light Twin 1/8 IPS Male Top Bracket Only	4020-A3A	660W 250V	15/16	5/16	—	—	—
2-Light Twin 1/8 IPS Male (top & bottom)	4015-D4F	660W 250V	11/16	5/16	11/16	7/16	33/8
2-Light Offset 1/8 IPS Male (top & bottom)	4032-E5F	660W 250V	13/4	5/16	13/4	7/16	311/16
3-Light 1/8 IPS Male (top & bottom)†	341-D4U	660W 250V	13/4	1/2	13/4	7/16	31/2
2-Light Offset 1/8 IPS Male (top); Pullchain Switch (bottom) with 1/2" usable shank★	4034-F5A	660W 250V 1A 125V T	13/4	5/16	115/16	1/2	33/4+
2-Light Twin 1/8 IPS Male (top); Pullchain Switch (bottom) 3/8" usable shank★	4017-D2F	660W 250V 1A 125V T	11/16	5/16	11/16	3/8	213/16+

†Includes nut.

Leads are No. 18 AWG 105°C plastic; 9" long, stripped 3/4"; untinned and pulled through top bracket.

### Porcelain Par Connectors

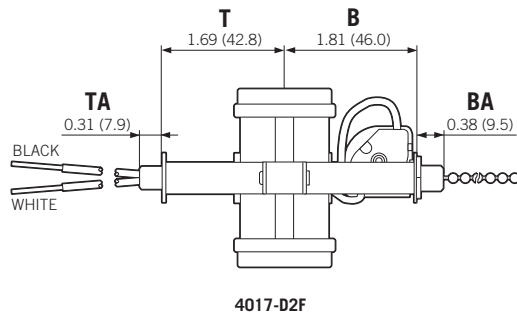
DESCRIPTION	CAT. NO.	RATING
Medium Base for PAR #46 and #38 lamps. Leads are No. 14 AWG 200°C SEW-2 Silicone Rubber Insulated; 18" Long, Stripped 3/4". Others available on inquiry‡	368-1	660W 125V
Mogul Base for PAR #56 and #64 lamps. Leads are No. 14 150°C SEWF-2; 18" Long, Stripped 3/4". Others available upon request	357-8	1000W 125V

### Bayonet Socket — Single Contact

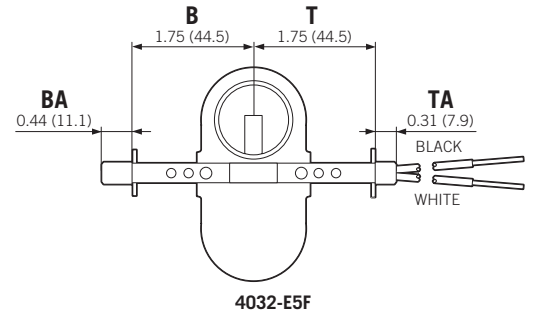
#### Candelabra Base

DESCRIPTION	CAT. NO.	RATING
Flat Bracket. Leads are No. 18 AWG, 105°C Plastic; 6" Long, Stripped 3/4" (one black, one white)★‡	905	Low Voltage

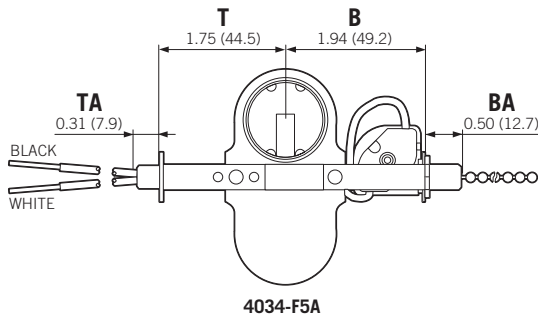
All devices are UL Listed except Cat. No. 905. Also CSA Certified except where indicated by★, and NOM Certified except where indicated by‡.



4017-D2F



4032-E5F



4034-F5A

#### SPECIFICATIONS AND FEATURES

- Pull chain models have bell at end of chain on 3 foot cord
- Medium and Candelabra bases
- Par connectors have white, unglazed porcelain body

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-13405, E-3810)
- CSA Certified (File #LR-5863, LR-1863)
- NOM Certified (File #057)



Porcelain Mogul Base Lampholders

With Leads\*

DESCRIPTION	CAT. NO.	RATING	OD	OH
Keyless, Single Circuit. For high pressure sodium lamps up to 1000 watts. 8-32 Mounting Screws on 1 3/8" Centers	8746	1500W 600V 5KV Pulse-rated	2 1/8	3 1/64
Keyless, Single Circuit. Positon-oriented. For Super Metalarc HID lamps. 8-32 Mounting Screws on 1 3/8" Centers	8750	1500W 600V	2 5/32	2 39/64
Keyless, Single Circuit. For high-pressure sodium lamps up to 400 watts. 8-32 Mounting Screws on 1 3/8" Centers	8756	1500W 600V 4KV Pulse-rated	2 5/32	2 39/64
Low Pressure Sodium. For use with all single-end bayonet base low pressure sodium lamps★‡	8806	660W 1000V	1 3/8	1 5/8
Designed for Open-Fixture Shielded Metal Halide Lamps. Complies with NFPA 70-2005 for Open-Rated Fixtures. 8-32 Mounting Screws on 1 3/8" Centers	8751	1500W 600V, 4KV Pulse Rated	2 5/32	2 39/64

\* Leads types, lengths and ratings vary with the end use applications. Standard leads as well as variations available on inquiry.

Screw Terminals

DESCRIPTION	CAT. NO.	RATING	OD	OH
Keyless; 2-Piece; Single-Pole★	8765	1500W 600V	2 5/16	2 23/64
Keyless;. Single Circuit with 8-32 Lock Nuts on 1 3/8" Centers. Die-cast caps available upon request	8694	1500W 600V	2 5/32	2 39/64

CSA Certified except where indicated by★, and NOM Certified except where indicated by‡.



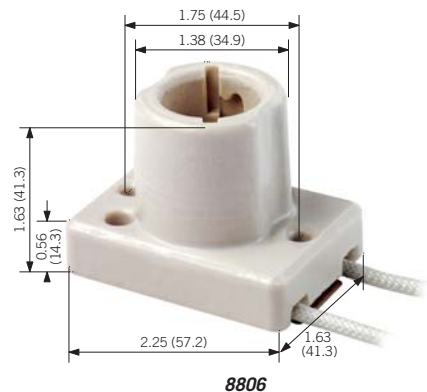
8746



8750



8694



8806

SPECIFICATIONS AND FEATURES

- Cat. No. 8746 – Porcelain body gray glazed with ceramic arc shield; Cat. No. 8750 – Porcelain body yellow glazed; Cat. No. 8751 – Porcelain body pink glazed
- All other moguls listed have white glazed porcelain body
- Copper-alloy nickel-plated screw shell

TESTING AND CODE COMPLIANCE

- UL Listed (File #E-13402)
- CSA Certified (File #LR-1863)
- NOM Certified (File #057)
- Cat. No. 8751 complies with NFPA 70-2005 requirements for open-rated fixtures



660W 250V • 1500W 600V

## Medium, Mogul and Candelabra Base Incandescent Lampholders



2005



19062



9880

### Socket Extensions — Single Circuit

#### Medium-Medium

DESCRIPTION	CAT. NO.	RATING
2-Piece Porcelain; Mounting Hole 1 $\frac{3}{8}$ " Dia. Extension 1 $\frac{1}{4}$ "*	2004	660W 250V
1-Piece Porcelain; Slotted Mounting Hole 1 $\frac{3}{8}$ " Dia. Extension 1 $\frac{1}{4}$ "*	2005	660W 250V
1-Piece Phenolic. Extension 1 $\frac{3}{16}$ "**	2006	660W 250V

\*To be used with porcelain sockets only

\*\*To be used with phenolic sockets only

#### Mogul-Mogul

DESCRIPTION	CAT. NO.	RATING
1-Piece Porcelain. Extension 2 $\frac{3}{8}$ "†	8647	1500W 600V

### Socket Adapter

#### Mogul-To-Porcelain Medium

DESCRIPTION	CAT. NO.	RATING
1-piece. Meets Fed. Spec. W-L-142a†	8681	660W 250V
Same as above, except 4 KV Pulse-Rated‡	8681-400	660W 250V 4 KV Pulse-Rated

### Appliance Heating Receptacle

#### Porcelain Two-Piece

DESCRIPTION	CAT. NO.	RATING
2-piece Heating Receptacle. Gasket Furnished‡	8110	660W 250V

### Porcelain and Phenolic Lampholders

#### Pony Cleat Type

DESCRIPTION	CAT. NO.	RATING	OD	OH	C
Candelabra Base; Plastic. Not UL Listed★†	10028	75W 125V	1 $\frac{7}{16}$	$\frac{7}{8}$	1 $\frac{1}{8}$
Miniature Base, Plastic. Not UL Listed★†	10020	75W 125V	1 $\frac{5}{16}$	$\frac{7}{8}$	$\frac{31}{32}$
Medium Base, Phenolic	9063	660W 250V	1 $\frac{7}{8}$	1 $\frac{1}{2}$	1 $\frac{15}{16}$
Medium Base, Porcelain	19062	660W 250V	1 $\frac{7}{8}$	1 $\frac{1}{2}$	1 $\frac{15}{16}$

#### Surface Type

DESCRIPTION	CAT. NO.	RATING	OD	OH	C
Medium Base; Porcelain; Low 2-Piece	9880	660W 250V	2 $\frac{5}{16}$	1 $\frac{1}{2}$	1 $\frac{3}{8}$
Medium Base; Porcelain; High 2-Piece★†	9882	660W 250V	2 $\frac{5}{16}$	1 $\frac{7}{8}$	1 $\frac{3}{8}$

CSA Certified except where indicated by★, and NOM Certified except where indicated by‡.

#### SPECIFICATIONS AND FEATURES

- Medium-to-Medium Extenders available in phenolic and porcelain
- Pony Cleat Receptacles have open wiring terminals
- Two-piece surface-type lampholders have concealed wiring terminals with wireways for top and continuous wiring

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-3810; E-13396)
- CSA Certified (File #LR-1863)
- NOM Certified (File #057)



## Porcelain Snap-In Lampholders — Medium Base

### Screw Terminals

DESCRIPTION	CAT. NO.	RATING	OD	OH
1-Piece, Front Mounted. 1/4" Shoulder. Panel Thickness: .025 – .062"	<b>8880</b>	660W 250V	1 11/16	1 1/2
1-Piece, Front Mounted. Shallow Back. Panel Thickness: .030 – .062"	<b>8875</b>	660W 250V	1 11/16	1 11/16

## Porcelain Keyless Lampholders Commercial Units — Medium Base

### Single Circuit Screw Terminals

DESCRIPTION	CAT. NO.	RATING	OD	OH
Straight Body with Cap. Screw Terminals.	<b>10045</b>	660W 250V	1 1/2	2 1/8
Beaded Body for 1 1/2" Clamp Style Shadeholder with Cap. Screw Terminals.	<b>10065</b>	660W 250V	Body 1 1/2	2 1/8
Adjustable Glass Retaining Ring with Cap and Ring Nut. Screw Terminals.	<b>20070</b>	660W 250V	2 1/4 ringnut	—
Straight Body with Leads. No. 18 AWG 105°C Plastic; 9" Long, Stripped 3/4" with Two 6/32 Mounting Screws	<b>10085</b>	660W 250V	1 1/2	1 11/16

## Porcelain Keyless Fixture Single Circuit — Medium Base

### Screw Terminals

DESCRIPTION	CAT. NO.	RATING	OD	OH
1-Piece, Front Mounted for Fixture or Sign Use. Tapped 8-32 Bushings, Mounting Centers 1 13/16".	<b>9885</b>	660W 600V	1 5/8	1 7/16
2-Piece, Ring Type	<b>9350</b>	660W 250V	1 3/4	1 3/8
1-Piece with Removable Strap★	<b>8871</b>	660W 250V	1 11/16	1 9/16
Fixture Pan Lampholder with 1/8" IPS Hickey	<b>3152-8</b>	660W 250V	1 3/8	1 7/16

### Leads

DESCRIPTION	CAT. NO.	RATING	OD	OH
2-Piece Ring Type with Leads: No. 18 AWG, 105°C Plastic; 9" Long, Stripped 3/4"	<b>8101</b>	660W 250V	1 3/4	1 3/8
Angle Pan with Leads: No. 18 AWG Type AF 150°C Plastic; 9" Long, Stripped 3/4"	<b>18315</b>	660W 250V	—	—
Removable Bracket with Leads	<b>8052-1</b>	660W 250V	1 3/8	1 7/16
Screw-Mount Pulse-Rated Lampholder with Leads for Open-Fixture Lamps; 18 AWG 200°C 600V SEW-2 (SF-2) wire; 9" Long, Stripped 1/2"	<b>70052-100</b>	660W 600V, 4KV Pulse Rated	1 45/64	2 9/32

### Two-Piece Pull Chain

DESCRIPTION	CAT. NO.	RATING	OD	OH
Ring Type; Screw Terminals; Gasket Furnished★‡	<b>9814</b>	250W 250V	1 13/16	1 13/16

CSA Certified except where indicated by★, and NOM Certified except where indicated by‡.

#### SPECIFICATIONS AND FEATURES

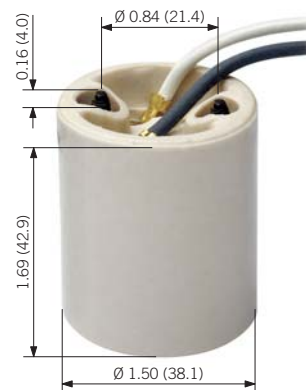
- Suitable for a wide variety of fixtures, signs and displays
- Unglazed base and ring on two-piece lampholders
- Gasket supplied with two-piece ring type rated at 90°C dry maximum

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-3810)
- CSA Certified (File #LR-1863)
- NOM Certified (File #057)



8880



10085



3152



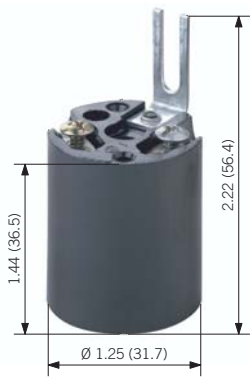
8101





660W 600V • 660W 250V • 250W 250V • 3000W 600V

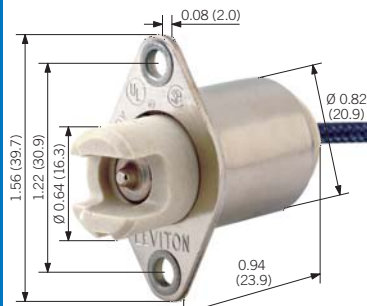
## Medium Base, Metal Halide and Quartz Halogen Incandescent Lampholders



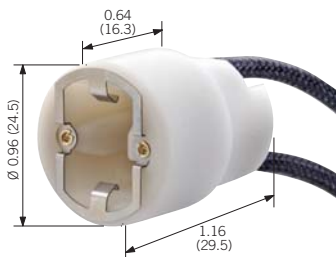
3352-1



4005



554



560

### Phenolic Keyless Fixture — Medium Base

#### Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Permanent Bracket. Terminal Screws Backed Out and Staked	3352-1	660W 250V
Same as 3352-1, with Shorter Bracket	3352-F	660W 250V
Removable Hickey. Terminal Screws Backed Out and Staked	3352-8	660W 250V

Hickeys and brackets are available in various types and sizes. Consult a Leviton representative for more information.

### Porcelain Keyless, Side-Mounted — Medium Base

#### Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Single Lampholder w/Side Outlet Bushing— $\frac{1}{8}$ IPS	10091	660W 250V
Twin Lampholder w/Bushed Flange— $\frac{1}{8}$ IPS	4010	660W 250V
Twin Lampholder w/Single Outlet Bushing— $\frac{1}{8}$ IPS	4005	660W 250V
Same as 4005 with $\frac{3}{8}$ IPS Bushing	4006	660W 250V

All bushings are tapped and have set screw

### Candle Sockets, Bottom Turn Knob — Medium Base

#### Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Three-light, two-piece phenolic husk. Lighting sequence: LO-MED-HI-OFF★	4063	250W 250V

### Lampholders for Recessed Single Contact Lamps

DESCRIPTION	CAT. NO.	RATING
Front Flange Mount. Standard Leads are No. 18 AWG, Type SEW-2, 200°C, 18" Long, Stripped $\frac{3}{4}$ "‡	554	3000W 600V
Rear Flange Mount. Same Leads and Specs as No. 554‡	555	3000W 600V

### Lampholders for Metal Halide and Quartz Halogen Lamps

DESCRIPTION	CAT. NO.	RATING
Single-Ended Metal Halide for Lamps with a G8.5 Base. Lead-In Edge on Body Ensures Proper Lamping. Standard Leads (2) are Black No. 18 AWG, Type SEW-2, 200°C 600V Wire, 9" Long, Stripped .325"‡	560	660W 600V, 5KV Pulse Rated
Single-Ended Metal Halide for Lamps with a GX8.5 Base, such as Philips CDM-R11, rated up to 150W. Standard Leads (2) are Black No. 18 AWG, SEW-2, 200°C 600V Wire, 12" Long, Stripped $\frac{1}{2}$ "‡	565	660W 600V, 5KV Pulse Rated
Twist-In Single-Ended Quartz Halogen for Lamps with a GU10 Base, rated up to 150W. Fully Dimmable; Standard Leads (2) are White, No. 20 AWG Teflon® wire, rated 250°C 600V, 6" Long, Stripped $\frac{1}{2}$ "‡	570	660W 600V

CSA Certified except where indicated by ★, and NOM Certified except where indicated by ‡.

#### SPECIFICATIONS AND FEATURES

- Cat. No. 3352 lampholder bodies have wireways
- Side-Mounted lampholders are white glazed porcelain with copper-alloy screwshell
- Recessed Single-Contact lampholders have porcelain body with nickel-plated steel housing
- Cat. No. 560 has a metal lamp-positioning clip (patent pending) that maintains lamp seating position
- Cat. No. 565 is designed for energy-efficient CDM lamps
- Cat. No. 570 twists in and is fully dimmable

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-3810) Cat. Nos. 560, 565 and 570: cULus (File #E-13405)
- CSA Certified (File #LR-1863)
- NOM Certified (File #057)



## Candelabra and Medium Base Incandescent Lampholders

### Candle Sockets, Bottom Turn Knob — Medium Base

#### Screw Terminals

DESCRIPTION	CAT. NO.	RATING
1-Piece Phenolic Body; 2 Leg Bracket; Single Light; Removable Interior; Knurl Nut and Lock Nut	4155	660W 250V
2-Piece Phenolic Husk & Removable Interior Husk; Single Light; Knurl Nut	4158	660W 250V

### Candle Sockets, Keyless\* — Medium Base

#### Fiber-Disc Body, Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Solid Hickey, 2" Overall Height†	8684	660W 250V
Adjustable Hickey, Overall Height: 4–5¾"	9800	660W 250

\*Insulating paper liner pushes down against hickey projections.

NOTE: These items are designed for use with standard socket candle tubes (1<sup>5</sup>/<sub>16</sub>" dia.) and require a minimum of 1<sup>3</sup>/<sub>16</sub>" dia. flat bottom of candle cup for clearance.

### Candle Sockets, Phenolic — Medium Base

#### With Removable Turn Knob, Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Removable Knob (Short Type), Adjustable Hickey. Overall Height: 4–5½"	9805*	250W 250V
Removable Knob, Removable 1-Leg Hickey. Overall Height: 2 <sup>7</sup> / <sub>16</sub> "	9805-A*	250W 250V

NOTE: These items are designed for use with standard socket candle tubes (1<sup>5</sup>/<sub>16</sub>" dia.) and require a minimum of 1<sup>3</sup>/<sub>16</sub>" dia. flat at bottom of candle for clearance.

### Candelabra Base, Keyless\* †

DESCRIPTION	CAT. NO.	RATING
Screw Terminals; Solid Hickey. Overall Height: 2"	10025	75W 125V
Screw Terminals; Solid Hickey. Overall Height: 1½"	10027	75W 125V
Screw Terminals; Adjustable Hickey: 3¼–4¾"	10026	75W 125V
Double Snap-In Spring Clips. Height of socket from panel is 1". Leads are No. 18 AWG 105°C plastic, 24" long, stripped ½"	10014-800	75W 125V

\*7/8" candle tube. All hiccys tapped 1/8 IPS.

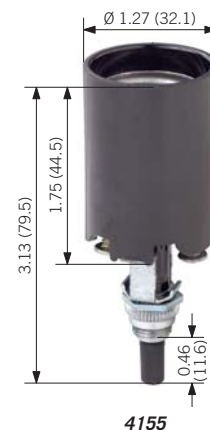
NOM Certified except where indicated by †

#### SPECIFICATIONS AND FEATURES

- Candle sockets for single-light applications
- Fiber Disc Body for use with standard candle tubes
- Spring-tempered steel clip holds Cat. No. 10014-800 socket rigidly in place

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-3810; E-13400)
- CSA Certified (File #LR-1863)
- NOM Certified (File #057)



4155



9805



10025



10014-800



75W 125V • 660W 250V

## Candelabra and Medium Base Incandescent Lampholders



20025



267



167



55

### Candle Sockets — Porcelain

#### Candelabra Base Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Solid Hickey.* Overall Height: 2 <sup>3</sup> / <sub>32</sub> "★‡	20025	75W 125V

\*Other hickey sizes available

### Keyless Heavy Duty Phenolic Single Circuit Lampholders

#### Two-Piece Pin Type

DESCRIPTION	CAT. NO.	RATING
Candelabra Base, Detachable Zinc-Plated Wire Hook. Accepts No. 20 – No. 18 Stranded Insulated Wire	267**	75W 125V
Medium Base, Detachable Zinc-Plated Wire Hook. Accepts No. 14 – No. 12 Stranded Insulated Wire	167**	660W 250V

Note: Linings assembled.

\*\*For temporary lighting — not waterproof.

#### Pigtail Type Medium Base with Leads

DESCRIPTION	CAT. NO.	RATING
Vinyl, Phenolic Interior & Screw Shell, Brass Shell Contact. Leads are No. 14 AWG, 6" Long, Stripped 3/4", Molded into Boots‡	55**	660W 250V
Phenolic with Brass Screw Shell. Leads Soldered and Hot Waxed in Deep Well are No. 14 AWG 6" Long	157**	660W 250V
Same as 157 above, with Left-Hand Screw Shell	157-X**	660W 250V
Rubber, Aluminum Screwshell. Leads are No. 16 AWG, 6" Long, Soldered to Terminals and Sealed in Rubber Boot★	124-D	660W 250V

\*\*For temporary lighting—not waterproof.

All devices are UL Listed except Cat.No. 124-D. Also CSA Certified except where indicated by ★, and NOM Certified except where indicated by ‡

Note: The listed products may be used at construction sites provided that bulb cages are used and suitable splices are made. The listing for the products meets the OSHA requirement and is made for open wiring without a separate outlet box.

#### SPECIFICATIONS AND FEATURES

- Candle socket has white unglazed porcelain body with aluminum screw shell
- Choice of Pin-Type or Pigtail Type for temporary lighting applications
- Two-Piece Pin Type automatically pierces wire leads

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-13400) 267\*\*
- UL Listed (File #E-3810) 55\*\*, 157\*\*, 157-X\*\* and 167\*\*
- CSA Certified (File #LR-1863)
- NOM Certified (File #057)

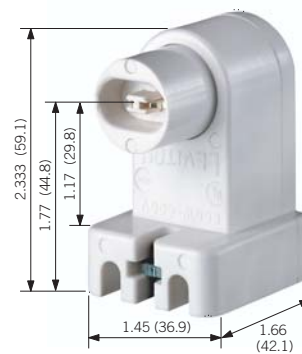


## Medium, High Output and Slimline—Linear Fluorescent Lampholders

Fluorescent Lampholders

### For High Output Lamps — Recessed Double Contact, Pedestal Type

DESCRIPTION	CAT. NO. PLUNGER	CAT. NO. FIXED	RATING
Screw Mount, Straight-in wiring Through Wireways or Screw Terminals*	464	465	660W 600V
Same as 464 and 465, except with Push-In Wiring*	13464	13465	660W 600V
Slide-on, Shallow Base, Quickwire Terminals*	13550	13551	660W 600V
Slide-on, Shallow Base for Power Groove and Jacketed Lamps, Quickwire Terminals*	13556	13557	660W 600V



464

### For Slimline, Single Pin Lamps

DESCRIPTION	CAT. NO. PLUNGER	CAT. NO. FIXED	RATING
Butt-On Surface Mounting, 12" Leads‡	452	453	660W 1000V 660W 600V
Pedestal Base, Slide-On	466	467	660W 1000V 660W 600V
Shallow Base, Slide-On or Lock-On Mounting, Quickwire Terminals*	2536	2537	660W 1000V 660W 600V



2536

### For Medium Bi-Pin Lamps

DESCRIPTION	CAT. NO. WHITE	RATING
Thin Body, Quickwire Terminals Accommodate Rapid-Start Circuits	431-W	660W 600V
Pedestal type, Straight-in Wiring Through Wireways or Screw Terminals‡	390-1W	660W 600V
Same as above, with Starter Base‡	391-1W	660W 600V



2537

### Starter Bases

#### For Medium Bi-Pin Lamps

DESCRIPTION	CAT. NO.	RATING
Starter Base; Screw Terminals, Black‡	380	660W 250V
Starter Base; with Leads, Black‡	396	660W 250V

NOM Certified except where indicated by‡

\*Suitable for outdoor applications when properly enclosed



396

#### SPECIFICATIONS AND FEATURES

- Silver-plated copper alloy contacts
- Quickwire terminals accept No. 18 AWG twisted and tinned, solder-dipped or solid leads
- Lampholders are white, starter bases are black

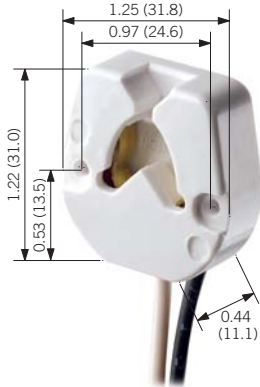
#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-5833)
- CSA Certified (File #LR-1863; LR-5863; LR-2200)
- NOM Certified (#057)

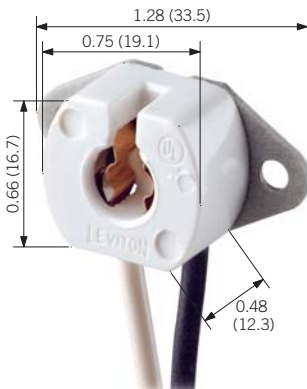


660W 600V • 660W 1000V • 75W 250V

## Medium and Miniature Bi-Pin Lamps—Linear Fluorescent Lampholders



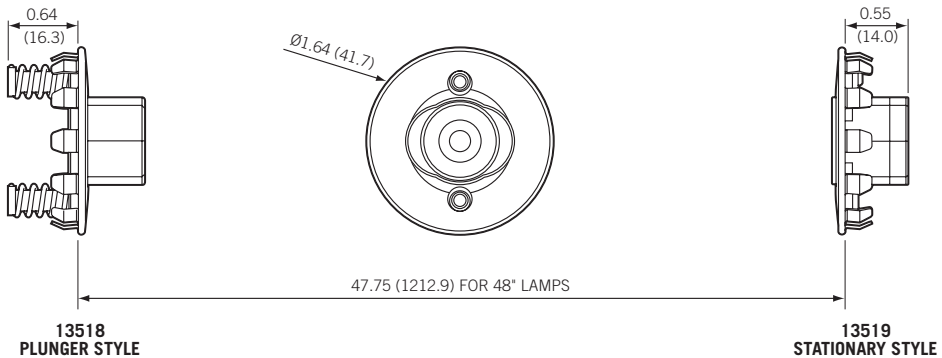
395-W



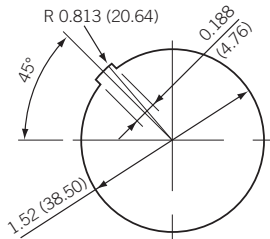
420-W



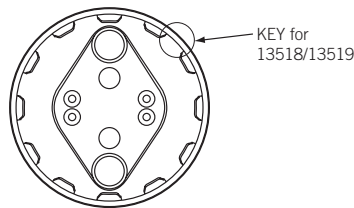
13518 — see diagram right



Medium Bi-Pin Spacing



PANEL OPENING FOR 13518/13519  
PANEL THICKNESS 0.035-0.050 (0.89-1.27)



KEY for 13518/13519

### For Medium and Miniature Bi-Pin Lamps — Surface Mount with Leads\*

DESCRIPTION	CAT. NO. WHITE	RATING
Rapid-Start Medium Bi-Pin, 9" leads	395-W	660W 600V
Rapid-Start Medium Bi-Pin, Disconnect (paired with Cat. No. 395-W), 9" leads	389-W	660W 600V
Miniature Bi-Pin for T5 Lamp, 6" leads	420-W	75W 250V

\*Leads are No. 18 AWG, 105°C plastic insulated wire

### For Slimline, Medium Bi-Pin, High Output Lamps — Snap-In with Quickwire

DESCRIPTION	CAT. NO. PLUNGER	CAT. NO. FIXED	RATING
Slimline‡	516	517	660W 1000V 660W 600V
Medium Bi-Pin, Stainless Steel Coverplate & Clip	13518	13519	660W 600V 660W 600V
Medium Bi-Pin, Same as above, with Internal Shunt for Use with Electronic Ballasts	23518	23519	660W 600V 660W 600V
High Output 800mA and 1500mA‡	523	524	660W 600V 660W 600V

NOM Certified except where indicated by‡

#### SPECIFICATIONS AND FEATURES

- Versatile snap-in mounting reduces fixture assembly time
- Quickwire terminals accept either No. 18 AWG (stranded, twisted or tinned), No. 18 AWG solid or No. 16 AWG solid.
- Internal Shunt versions stamped "S" on back for easy identification

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-5833)
- CSA Certified (File #LR-5863; LR-1863)
- NOM Certified (#057)





# Medium Bi-Pin Lamps—Linear Fluorescent Lampholders

## For Medium Bi-Pin Lamps — Turn-Type

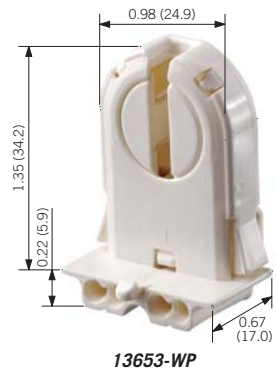
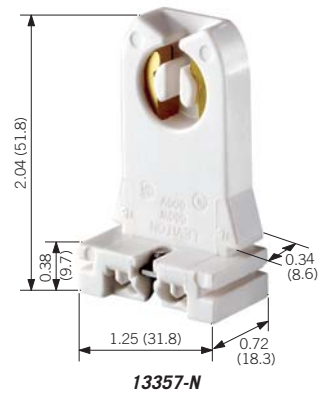
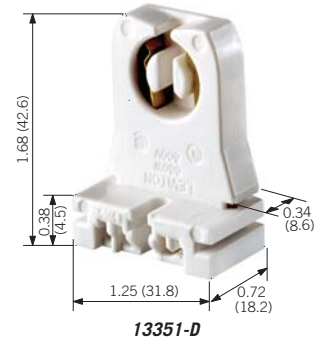
DESCRIPTION	CAT. NO.	RATING
Low Profile, Slide-On, with Captive Nut	13353-N	660W 600V
Tall Profile, Slide-On, with Captive Nut	13357-N	660W 600V
Tall Profile without Side Grooves, Slide-On, with Captive Nut	13359-N	660W 600V
Low Profile Disconnect, Slide-On	13351-D	660W 600V
Tall Profile Disconnect, Slide-On	13354-D	660W 600V
Low-Profile; Shunted, Slide-On	23351	660W 600V

## For Medium Bi-Pin Lamps — Straight-In

DESCRIPTION	CAT. NO.	RATING
Low Profile, Slide-On	13150-UR5	660W 600V
Self-Locking; Slide-In, with Captive Nut. For use with T-8 Lamps	13451-N	660W 600V

## For Medium Bi-Pin Lamps — Snap-In/Slide-On Design and Lamp-Lock

DESCRIPTION	CAT. NO.	RATING
Snap-In or Slide-On Mounting Featuring Lamp-Lock, with Panel Locator Post. For T-8 and T-12 Lamps	13653-WP	660W 600V
Same as Above, Less Locator Post	13653-NP	660W 600V
Same as 13653-WP, Except with Internal Shunt Connection for Electronic Ballasts	23653-WP	660W 600V
Same as Above, Less Locator Post	23653-NP	660W 600V
Snap-In or Slide-On Mounting Featuring Lamp-Lock, Optional Panel Locator Post. Dedicated for Energy-Efficient T-8 Lamps Only	13652-WP	660W 600V
Same as 13652, Except with Internal Shunt Connection for Electronic Ballasts	23652-WP	660W 600V
Snap-In or Slide-On Mounting Featuring Lamp-Lock, for Energy-Efficient T-8 Lamps Only. Wide-Wing Design	13652-WWP	600W 600V
Same as Above, Less Locator Post	13652-WNP	600W 600V
Same as 13652-WWP, Except with Internal Shunt Connection for Electronic Ballasts	23652-WWP	600W 600V
Same as Above, Less Locator Post	23652-WNP	600W 600V
Snap-In or Slide-On Mounting Featuring Lamp-Lock, for T-8 and T-12 Lamps. Wide-Wing Design	13653-WWP	600W 600V
Same as Above, Less Locator Post	13653-WNP	600W 600V
Same as 13653-WWP, Except with Internal Shunt Connection for Electronic Ballasts	23653-WWP	600W 600V
Same as Above, Less Locator Post	23653-WNP	600W 600V



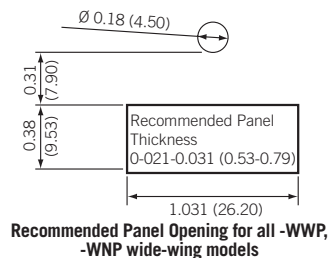
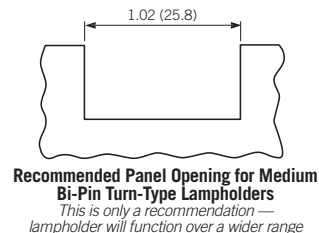
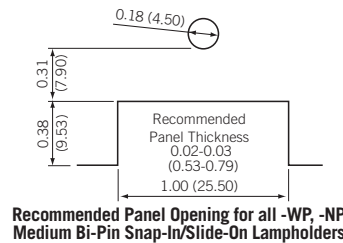
### SPECIFICATIONS AND FEATURES

#### Lamp-Lock

- Four-position lamp-lock socket rotates 90°, forward and back, for quick relamping
- Lamp-Lock models have slim, low profile silhouette that fits 22 to 25 gauge panels
- Chemical-resistant white thermo-plastic body

### TESTING AND CODE COMPLIANCE

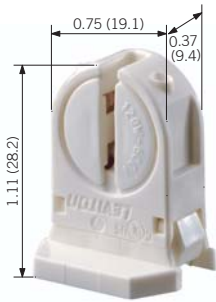
- UL Listed (File #E-5833)
- CSA Certified (File #LR-1863; LR-5863; LR-2200)
- NOM Certified (#057)
- Medium Bi-Pin lamps with Snap-In/Slide-On Design and Lamp-Lock are VDE Certified to IEC



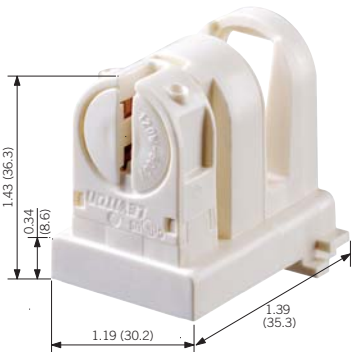


120W 600V • 660W 600V

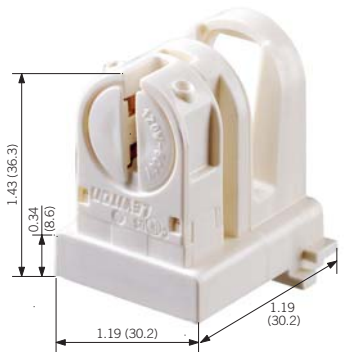
## Medium and Miniature Bi-Pin Lamps—Linear Fluorescent Lampholders



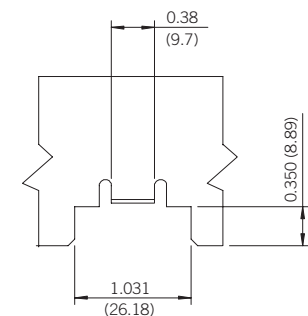
13654-SNP



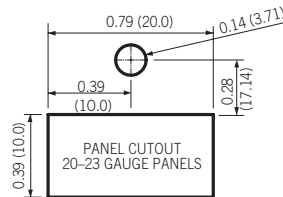
13654-EXL



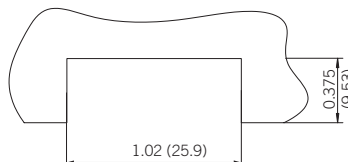
13654-EXS



Recommended Panel Opening for Medium Bi-Pin Slide-On Lampholders



Recommended Panel Opening for Miniature Bi-Pin Snap-In/Slide-On Lampholders



Recommended Panel Opening for T-8 to T-5 Adapter

### For Medium Bi-Pin Lamps — Slide-On Design and Lamp-Lock<sup>®</sup>

DESCRIPTION	CAT. NO.	RATING
Medium Profile 0.91 (23.0) Lamp Center. Slide-On Mounting Featuring Lamp Lock. For T-8 and T-12 Lamps	13661	660W-600V
Same as 13661, Except with Internal Shunt Connection for Electronic Ballasts	23661	660W-600V
Tall Profile 1.18 (30.0) Lamp Center. Slide-On Mounting Featuring Lamp Lock. For T-8 and T-12 Lamps	13660	660W-600V
Same as 13660, Except with Internal Shunt Connection for Electronic Ballasts	23660	660W-600V

### For Miniature Bi-Pin Lamps — Snap-In/Slide-On Design and Lamp-Lock<sup>®</sup>

DESCRIPTION	CAT. NO.	RATING
Low Profile 0.62 (15.7) Lamp Center, Snap-In or Slide-On Mounting Featuring Lamp-Lock, with Panel Locator Post. For T-5 Lamps	13654-SWP	120W 600V
Same as Above, Less Locator Post	13654-SNP	120W 600V
Tall Profile 0.98 (24.9) Lamp Center, Snap-In or Slide-On Mounting Featuring Lamp-Lock, with Panel Locator Post. For T-5 Lamps	13654-TWP	120W 600V
Same as Above, Less Locator Post	13654-TNP	120W 600V
Low Profile 0.62 (15.7) Lamp Center, Snap-In or Slide-On Mounting Featuring Lamp-Lock, with Panel Locator Post. For T-5 Lamps. Internal Shunt Connection for Electronic Ballasts	23654-SWP	120W 600V
Same as Above, Less Locator Post	23654-SNP	120W 600V
Tall Profile 0.98 (24.9) Lamp Center, Snap-In or Slide-On Mounting Featuring Lamp-Lock, with Panel Locator Post. For T-5 Lamps. Internal Shunt Connection for Electronic Ballasts.	23654-TWP	120W 600V
Same as above, Less Locator Post	23654-TNP	120W 600V

### T-8 to T-5 Adapter

Long T-8 to T-5 Adapter, converts existing T-8 fixtures to accept energy-efficient T-5 lamps; with Lamp Lock. <i>Specify lamp length for proper ordering</i>	13654-EXL	120W 600V
Short T-8 to T-5 Adapter, converts existing T-8 fixtures to accept energy-efficient T-5 lamps; with Lamp Lock. <i>Specify lamp length for proper ordering</i>	13654-EXS	120W-600V

#### SPECIFICATIONS AND FEATURES

##### Lamp-Lock

- Four-position lamp-lock socket rotates 90°, forward and back, for quick relamping
- Lamp-Lock models have slim, low profile silhouette that fits 22 to 25 gauge panels
- Chemical-resistant white thermoplastic body

##### T-8 to T-5 Adapter

- Cost-effective solution to incorporate miniature bi-pin T-5 lamps into existing T-8 configurations

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-5833)
- CSA Certified (File #LR-1863; LR-5863; LR-2200)
- NOM Certified (#057)
- Medium Bi-Pin Lamps with Slide-On Design and Lamp-Lock are VDE Certified to IEC



# Long Twin Tube with 2G11 Base—Compact Fluorescent Lampholders

## 4-Pin Long Twin-Tube with 2G11 Base — Slide-In Mounting

DESCRIPTION	CAT. NO.	RATING
Slide-In for 18-20 Ga. Panels, Quickwire Terminals	13452	660W 600V

## 4-Pin Long Twin-Tube with 2G11 Base — Bottom or Back Mounting

DESCRIPTION	CAT. NO.	RATING
Vertical Snap-In Mounting, Side Push-In Wiring	13453	660W 600V
Same as above, with Internal Shunt Connection for Electronic Ballasts	23453	660W 600V
Horizontal Snap-In Mounting, Bottom Push-In Wiring	13454	660W 600V
Same as above, with Internal Shunt Connection for Electronic Ballasts	23454	660W 600V
Horizontal Screw-Mount, Bottom Push-In Wiring	13455	660W 600V
Same as above, with Internal Shunt Connection for Electronic Ballasts	23455	660W 600V

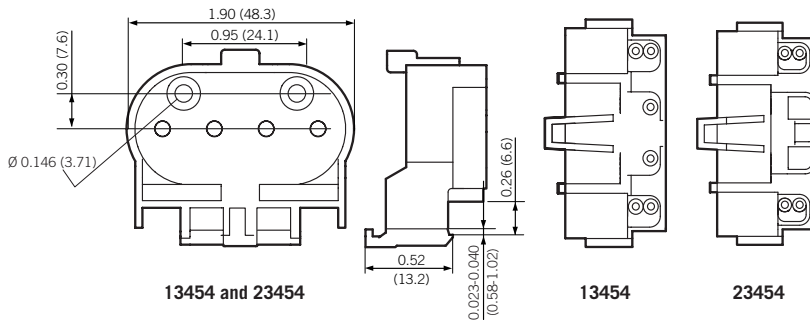
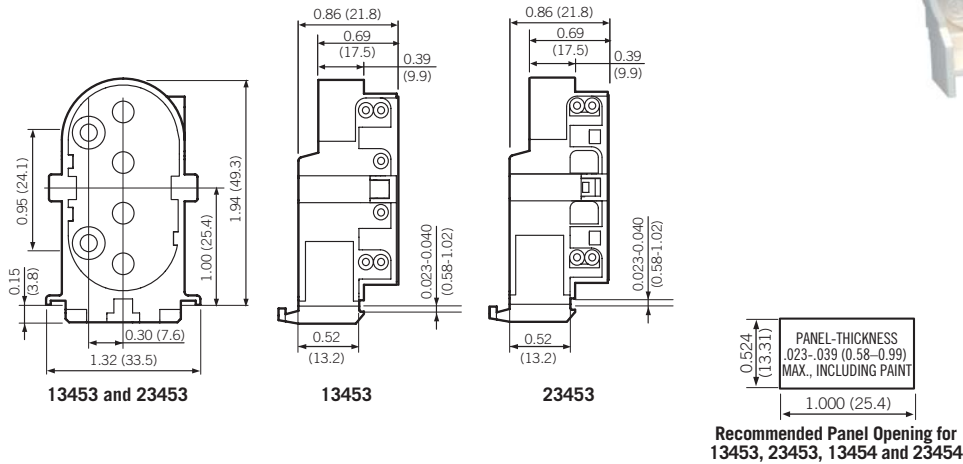
Note: See page S18 for Lamp Support Clips



13453



13454

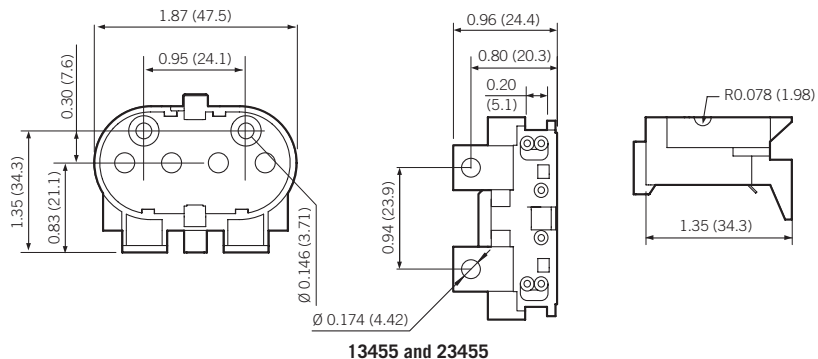


### SPECIFICATIONS AND FEATURES

- Vertical Snap-In model allows wires to be routed on either top or bottom of panel
- Two wiring ports per contact speed harness wiring
- Internal Shunt models eliminate need for extra jumper wire in fixtures designed for electronic ballasts
- Low-profile design for smaller, more compact fixtures
- Superior metal-spring lamp retainer clips

### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-5833)
- CSA Certified (File #LR-1863)
- NOM Certified (File #057)



Fluorescent Lampholders



# LAMP SUPPORT CLIPS

## Lamp Support Clips for Long Twin Tube 2G11 Base Fluorescent Lampholders



23452-H



23452-V



23452-MTS

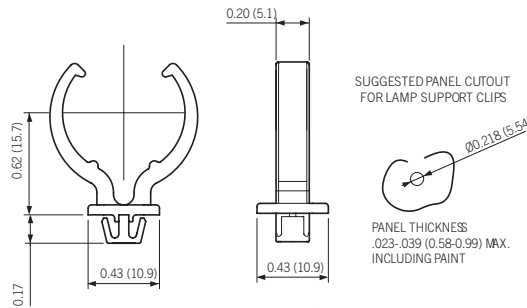


23452-MTL

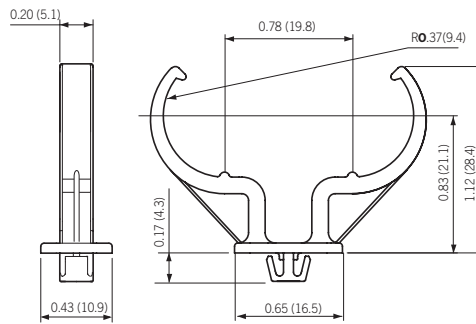
### Plastic and Stainless Steel Lamp Support Clips

DESCRIPTION	CAT. NO.
Plastic Lamp Support Clip, Slide-On	23452-A*
Plastic Lamp Support Clip, Screw Mount	23452-B*
Horizontal Snap-In Lamp Support Clip for 13454, 23454, 13455 and 23455. UV-Stable, Clear Polycarbonate	23452-H*
Vertical Snap-In Lamp Support Clip for 13453 and 23453. UV-Stable, Clear Polycarbonate	23452-V*
Stainless Steel Horizontal Lamp Support Clip, Short Version	23452-MTS
Stainless Steel Horizontal Lamp Support Clip, Tall Version	23452-MTL

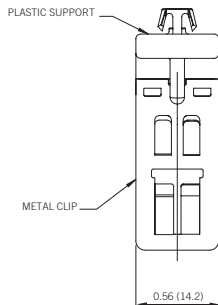
\*Note: Leviton strongly recommends replacing support clips 23452-A, 23452-B, 23452-V and 23452-H during lamp replacement.



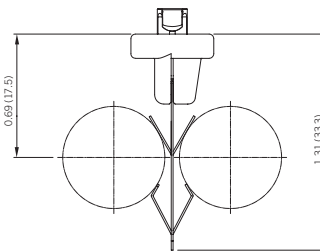
Vertical Lamp Support Clip—23452-V



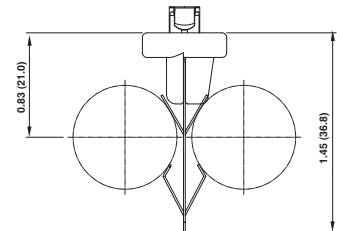
Horizontal Lamp Support Clip—23452-H



Horizontal Lamp Support Clips  
23452-MTS, 234452-MTL



Horizontal Lamp Support Clip, Short  
23452-MTS



Horizontal Lamp Support Clip, Tall  
23452-MTL

### SPECIFICATIONS AND FEATURES

- Choice of quality lamp support clips in a variety of configurations for long twin tube lamps with 2G11 base
- UV stable clear polycarbonate clips for vertical or horizontal mounting
- Stainless steel clips with UV stable clear polycarbonate base for horizontal mounting only; short or tall versions
- Plastic clips for slide-on or screw-mount



# Compact Fluorescent Lampholders (CFLs)

## 10mm Compact Fluorescent Lampholders

For G23 and G23-2 Lamp Bases — Rating: 75 WATT 600V

MOUNTING	CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
Horizontal Snap-In	26719-100	White	G23, G23-2			
Horizontal Screw-Down	26719-200	White	G23, G23-2	PL-S 5W, 7W 9W	DULUX S 5W, 7W, 9W DULUX D 9W	BIAX 5W, 7W 9W DOUBLE BIAX 9W
Vertical Top Snap-In	26719-300*	White	G23			
4-Hole Vertical Screw-Down	26719-400	White	G23, G23-2			
Vertical Bottom Snap-In	26719-500	White	G23, G23-2			

\*Not compatible with 9-watt DTT lamps

For GX23 and GX23-2 Lamp Bases — Rating: 75 WATT 600V

MOUNTING	CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
Horizontal Snap-In	26720-100	White w/Black	GX23, GX23-2			
Horizontal Screw-Down	26720-200	White w/Black	GX23, GX23-2	PL-S 13W PL-C 13W	DULUX S 13W DULUX D 13W	BIAX 13W DOUBLE BIAX 13W
Vertical Top Snap-In	26720-300*	White w/Black	GX23			
4-Hole Vertical Screw-Down	26720-400	White w/Black	GX23, GX23-2			
Vertical Bottom Snap-In	26720-500	White w/Black	GX23, GX23-2			

\*Not compatible with 13-watt DTT lamps



26719-100



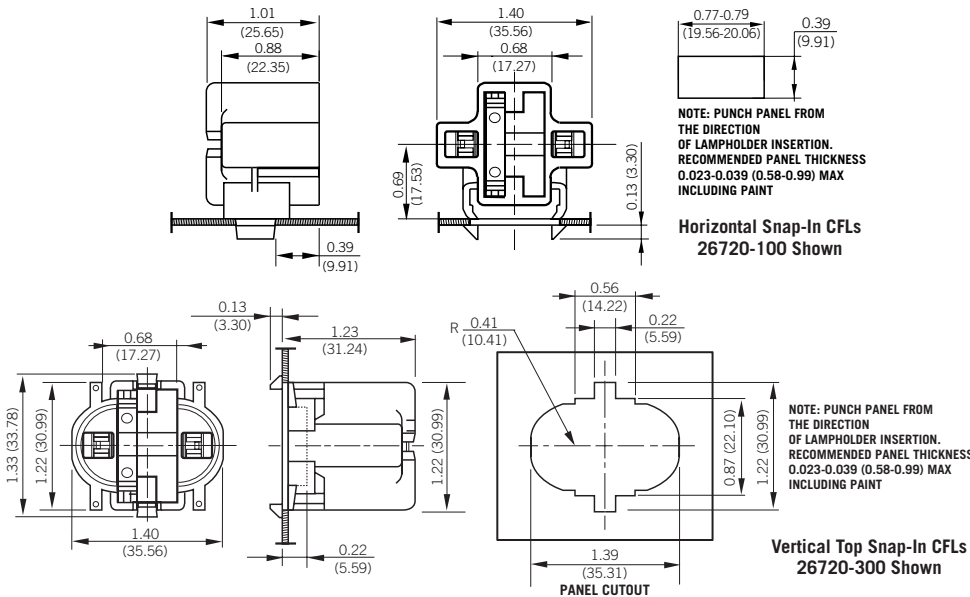
26719-200



26720-300



26720-400



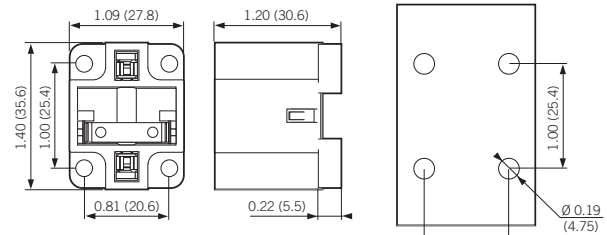
### SPECIFICATIONS AND FEATURES

- “Smart” CFL Lampholders are color-coded for easy wattage identification
- Bottom Snap-In versions for easier panel assembly
- Snap-In versions designed for 16 Ga. panels
- Metal-spring lamp-retainer clip provides positive lamp retention and is more durable than plastic clips
- Two wiring ports per contact speed harness wiring

- Four screw holes for greater mounting flexibility
- Wire-routing options for top or bottom side of mounting panel for easier assembly
- White thermoplastic body

### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-5833)
- UL Listed for indoor and outdoor applications when properly enclosed
- CSA Certified (File #LR-1863)
- NOM Certified (File #057)



NOTE: RECOMMENDED MOUNTING SELF-THREADING #8 SCREW

4-Hole Vertical Screw-Down CFLs — 26720-400 Shown





75W 600V

## Compact Fluorescent Lampholders (CFLs)



26725-213



26725-419

### 10mm Compact Fluorescent Lampholders

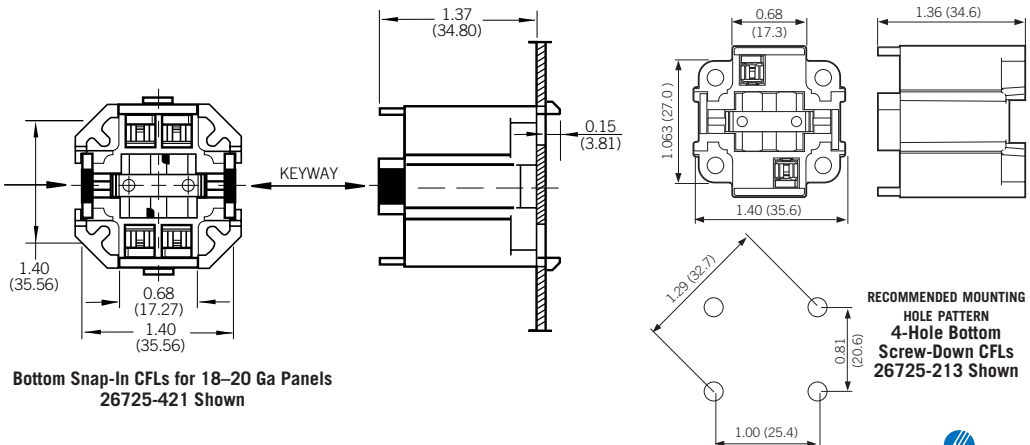
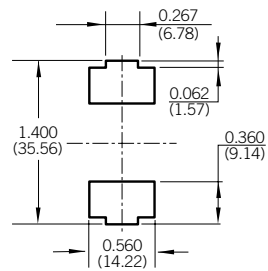
For G24d Lamp Bases 2-Pin — Rating: 75 WATT 600V

MOUNTING	CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
<b>Bottom Snap-In</b>						
For 16 Ga. Panels	26725-201	White w/Black	G24d-1	PL-C 10W, 13W	DULUX D 10W, 13W	DOUBLE BIAX 10W, 13W
For 18-20 Ga. Panels	26725-221					
For 16 Ga. Panels	26725-202	Green	G24d-2	PL-C 18-W	DULUX D 18W	DOUBLE BIAX 18W
For 18-20 Ga. Panels	26725-222					
For 16 Ga. Panels	26725-203	Orange	G24d-3	PL-C 26W	DULUX D 26W	DOUBLE BIAX 26W
For 18-20 Ga. Panels	26725-223					
<b>Bottom Screw-Down</b>						
4-Hole	26725-211	White w/Black	G24d-1	PL-C 10W, 13W	DULUX D 10W, 13W	DOUBLE BIAX
4-Hole	26725-212	Green	G24d-2	PL-C 18W	DULUX D 18W	DOUBLE BIAX 18W
4-Hole	26725-213	Orange	G24d-3	PL-C 26W	DULUX D 26W DULUX T 26W	DOUBLE BIAX 26W

For G24q and GX24q Lamp Bases 4-Pin — Rating: 75 WATT 600V  
Suitable for Dimming or Electronic Ballasts

MOUNTING	CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
<b>Bottom Snap-In</b>						
For 16 Ga. Panels	26725-401	White w/Black	G24q-1	PL-C 10W, 13W	DULUX D/E 10W, 13W	DOUBLE BIAX 10W, 13W
For 18-20 Ga. Panels	26725-421					
For 16 Ga. Panels	26725-402	Green	G24q-2	PL-C 18W	DULUX D/E 18W	DOUBLE BIAX 18W
For 18-20 Ga. Panels	26725-422					
For 16 Ga. Panels	26725-403	Orange	G24q-3, GX24q-3	PL-C 26W PL-T 26W, 32W	DULUX D/E 26W DULUX T/E 26W	DOUBLE BIAX
For 18-20 Ga. Panels	26725-423					
For 16 Ga. Panels	26725-404	Yellow	GX24q-4	PL-T 42W	DULUX T/E 42W	PERFORMANCE BIAX 42W
For 18-20 Ga. Panels	26725-424					
For Universal ballast only, 18-20 Ga. Panels	26725-429	White	G24q-3 GX24q-4	PL-T 26W, 32W, 42W	DULUX T/E 26W, 32W, 42W	TRIPLE BIAX 26W, 32W, 42W
<b>Bottom Screw-Down</b>						
4-Hole	26725-411	White w/Black	G24q-1	PL-C 10W, 13W	DULUX D/E 10W, 13W	DOUBLE BIAX 10W, 13W
4-Hole	26725-412	Green	G24q-2	PL-C 18W	DULUX D/E 18W	DOUBLE BIAX 18W
4-Hole	26725-413	Orange	G24q-3, GX24q-3	PL-C 26W PL-T 26W, 32W	DULUX D/E 26W, 32W DULUX T/E 26W, 32W	DOUBLE BIAX 26W
4-Hole	26725-414	Yellow	GX24q-4	PL-T 42W	DULUX T/E 42W	PERFORMANCE BIAX 42W
4-Hole for Universal ballast only	26725-419	White	G24q-3 GX24q-4	PL-T 26W, 32W, 42W	DULUX T/E 26W, 32W, 42W	TRIPLE BIAX 26W, 32W, 42W

Note: Lamp names are trademarked by manufacturers





# Compact Fluorescent Lampholders (CFLs)

## 10mm Compact Fluorescent Lampholders for High-Wattage Lamps

For GX24q Lamp Bases, 4-Pin — Rating: 75 WATT 600V  
Suitable for Dimming or Electronic Ballasts

MOUNTING	CAT. NO.	COLOR	LAMP BASE	OSRAM SYLVANIA	GE LIGHTING
Bottom Snap-In for 16 Ga. Panels	26725-405	Blue	GX24q-5	DULUX T/E 57W	BIAX Q/E 57W
4-Hole Bottom Screw-Down	26725-415	Blue	GX24q-5	DULUX T/E 57W	BIAX Q/E 57W
2-Hole Bottom Screw-Down, Round Body	26725-4A5	Blue	GX24q-5	DULUX T/E 57W	BIAX Q/E 57W
Bottom Snap-In for 18–20 Ga. Panels	26725-425	Blue	GX24q-5	DULUX T/E 57W	BIAX Q/E 57W
Bottom Snap-In for 16 Ga. Panels	26725-406	Red	GX24q-6	—	BIAX Q/E 70W
4-Hole Bottom Screw-Down	26725-416	Red	GX24q-6	—	BIAX Q/E 70W
2-Hole Bottom Screw-Down, Round Body	26725-4A6	Red	GX24q-6	—	BIAX Q/E 70W
Bottom Snap-In for 18–20 Ga. Panels	26725-426	Red	GX24q-6	—	BIAX Q/E 70W



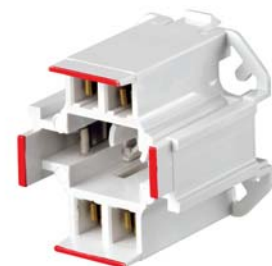
26725-406



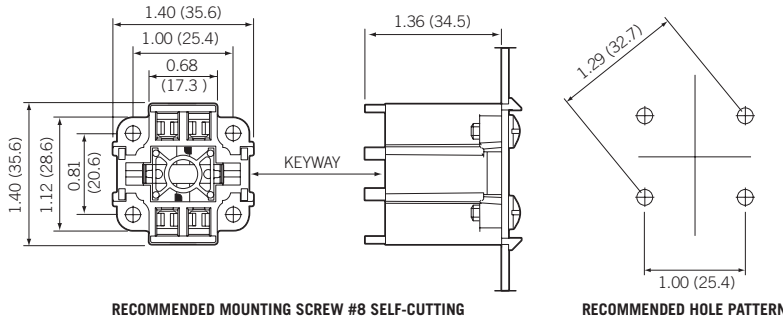
26725-425



26725-416



26725-426



RECOMMENDED MOUNTING SCREW #8 SELF-CUTTING

RECOMMENDED HOLE PATTERN

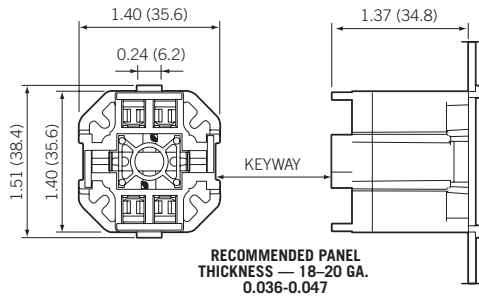
4-Hole Bottom Screw-Down CFLs  
26725-415 Shown

### SPECIFICATIONS AND FEATURES

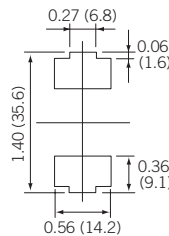
- “Smart” CFL Lampholders are color-coded for easy wattage identification
- Bottom Snap-In versions for easier panel assembly available for 16 Ga. and 18–20 Ga. panels
- All 4-pin lampholders have internal rejection feature that prevents insertion of 2-pin lamps
- Metal-spring lamp-retainer clip provides positive lamp retention
- Two wiring ports per contact speed harness wiring
- Wire-routing options for top or bottom side of mounting panel for easier assembly
- Bodies are white thermoplastic (with color-coding as indicated)
- Quick-connect push-in wiring terminals accept No. 18 AWG solid or twisted-and-overtinned leads, stripped 3/8 inch

### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-5833)
- UL Listed for indoor and outdoor applications when properly enclosed
- CSA Certified (File #LR-1863)
- NOM Certified (#057)



RECOMMENDED PANEL THICKNESS — 18–20 GA.  
0.036-0.047



RECOMMENDED PANEL OPENING

Bottom Snap-In CFLs for 18–20 Ga Panels  
26725-426 Shown



75W 600V

## Compact Fluorescent Lampholders (CFLs)



26725-4A2



26725-4A3



26725-4A5

### 10mm Compact Fluorescent Lampholders with Round Bodies

For G24d Lamp Bases, 2-Pin — Rating: 75 WATT 600V  
Bottom Screw-Down Mounting  

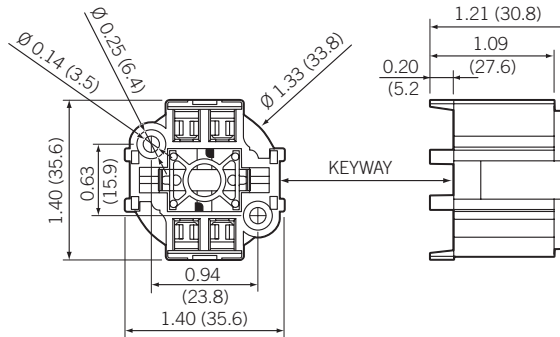
CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
26725-2A1	Black	G24d-1	PL-C 10W, 13W	DULUX D 10W, 13W	DOUBLE BIAX 10W, 13W
26725-2A2	Green	G24d-2	PL-C, 18W	DULUX D, 18W DULUX T, 18W	DOUBLE BIAX 18W
26725-2A3	Orange	G24d-3	PL-C, 26W	DULUX D, 26W DULUX T, 26W	DOUBLE BIAX 26W

For G24q and GX24q Lamp Bases, 4-Pin — Rating: 75 WATT 600V  
Bottom Screw-Down Mounting — Suitable for Dimming or Electronic Ballasts  

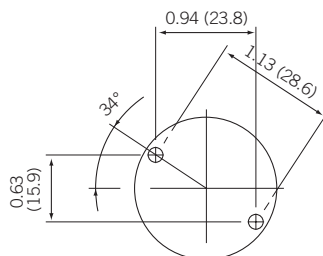
CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
26725-4A1	Black	G24q-1	PL-C 10W, 13W	DULUX-D 10W, 13W	DOUBLE BIAX 10W, 13W TRIPLE BIAX 13W
26725-4A2	Green Green	G24q-2 GX24q-2	PL-C, 18W PL-C, 18W	DULUX D, 18W DULUX T/E, 18W	DOUBLE BIAX, 18W TRIPLE BIAX, 18W
26725-4A3	Orange Orange	G24q-3 GX24q-3	PL-C, 26W PL-T 26W, 32W	DULUX D, 26W DULUX T/E 26W, 32W	DOUBLE BIAX, 26W TRIPLE BIAX 26W, 32W
26725-4A4	Yellow	GX24q-4	PL-T, 42W	DULUX T/E, 42W	PERFORMANCE BIAX 42W
26725-4A5	Blue	GX24q-5	—	DULUX T/E, 57W	BIAX Q/E, 57W
26725-4A6	Red	GX24q-6	—	—	BIAX Q/E, 70W
26725-4A9 Universal*	No color code White body only	G24q-3 GX24q-4	PL-T 26W, 32W 42W	DULUX T/E 26W, 32W, 42W	TRIPLE BIAX 26W, 32W, 42W

\*For use with universal ballast only

Note: Lamp names are trademarked by manufacturers



All Round-Body CFLs  
26725-4A5 Shown



RECOMMENDED PANEL OPENING FOR ALL  
ROUND-BODY CFLs

#### SPECIFICATIONS AND FEATURES

- “Smart” CFL Lampholders are color-coded for easy wattage identification
- All 4-pin lampholders have internal rejection feature that prevents insertion of 2-pin lamps
- Metal-spring lamp-retainer clip provides positive lamp retention and is more durable than plastic clips
- Two wiring ports per contact speed harness wiring
- Wire-routing options for top or bottom side of mounting panel for easier assembly
- Bodies are white thermoplastic (with color-coding as indicated)
- Quick-connect push-in wiring terminals accept No. 18 AWG solid or twisted-and-overtinned leads, stripped 3/8 inch

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-5833)
- UL Listed for indoor and outdoor applications when properly enclosed
- CSA Certified (File #LR-1863)
- NOM Certified (#057)

# Appliance Switches

## INDEX

**Appliance Switches**

- Single Pole Pull Chain .....T2
- Single Pole Rotary .....T2
- Two Circuit Rotary .....T3
- Single Pole Pushbutton .....T3
- Door Jamb Switch .....T3
- Fluorescent Starter Pushbutton .....T4
- Single Pole Toggle .....T4
- Feed-Through Cord Switch .....T5
- Miniature Feed-Through Cord Switch .....T5







3 AMP 125V • 6 AMP 125V

## Commercial Grade Appliance Switches

THE LEVITON WIRING DEVICES INCLUDED IN THIS SECTION CONSTITUTE ONLY A PARTIAL LISTING OF LEVITON'S COMPLETE APPLIANCE DEVICE LINE.

To learn more about the availability of appliance devices to meet your specialized needs, please contact your Leviton representative.

Appliance Switches

### Single Pole Pull Chain Switches

3 AMP 125V AC-L 6 AMP 125V AC 3 AMP 250V AC 1/4 HP 125/250V

DESCRIPTION	CAT. NO.	SEQUENCE
Heavy Duty, Single Circuit, Black and Red Leads	1689-75	ON-OFF (L1, OFF)
Heavy Duty, Two Circuit, Four Positions, Black, Blue, Red Leads	1689-50	LOW-MED-HIGH-OFF (L1, L2, L1 & 2, OFF)
Heavy Duty, Two Speed, Four Positions, Black, Blue, Red Leads	1691-50	ONE-OFF-TWO-OFF (L1, L2, L3, OFF)

3 AMP 125V 1 AMP 125VT 1 AMP 250V

DESCRIPTION	CAT. NO.	SEQUENCE
Compact, Single Circuit, Black Leads	10097-8	ON-OFF

3 AMP 125V AC-L 6 AMP 125V AC 3 AMP 250V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Compact, Single Circuit, Black Leads	10041-500	ON-OFF

### Single Pole Rotary Switches

6 AMP 125V AC 3 AMP 250V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Non-Removable Black Plastic Knob, Black Leads	90572	ON-OFF
Non-Removable Metal Knob, Brass or Nickel Finish, Black Leads	90577-010	ON-OFF



1689-75



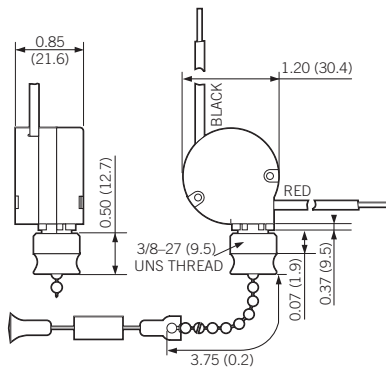
10041-500



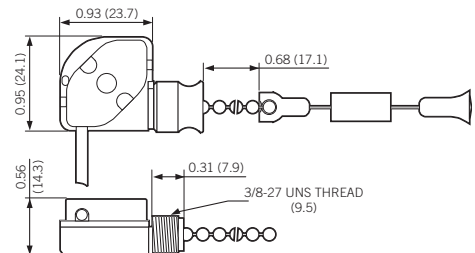
10097-8



90572



1689-75—HEAVY DUTY PULL CHAIN SWITCH



10097-8—COMPACT PULL CHAIN SWITCH

#### SPECIFICATIONS AND FEATURES

##### Single Pole Pull Chain Switches

- Standard finish of metal chain is nickel
- Standard leads are No. 18 AWG 105°C plastic 6" long, stripped 1/2"
- 3/4" chain connector, 3' braided cord, end bell
- Bushing 3/8-27 x 3/8" long
- Piercing 13/32" dia.

##### Single Pole Rotary Switches

- Standard leads are No. 18 AWG 105°C plastic 6" long, stripped 1/2"

##### Cat. No. 90572

- Bushing 3/8-27 x 1 1/2" long; panel opening 13/32" dia.

#### TESTING AND CODE COMPLIANCE

- UL Recognized Component (File #E-7458)—Cat. Nos. 1689-75, 1689-50, 1691-50, 10041-500, 90572, 90577-010
- UL Listed (File #E-7443)—Cat. No. 10097-8
- CSA Certified (File #LR-3413)
- NOM Certified (#057)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



# 3 AMP and 6 AMP 125VT • 3 AMP 125V Commercial Grade Appliance Switches



## Two Circuit Rotary Switches

### 6 AMP 125VT 3 AMP 250V

DESCRIPTION	CAT. NO.	SEQUENCE
Two Circuit, Four Position, Heavy Duty, Black, Blue, Red Leads	663	LOW-MED-HIGH-OFF (L1, L2, L1 & 2, OFF)

### 3 AMP 125VT 1 AMP 250V

DESCRIPTION	CAT. NO.	SEQUENCE
Two Circuit, Four Position, Black, Blue, Red Leads	573	LOW-MED-HIGH-OFF (L1, L2, L1 & 2, OFF)

## Single Pole Pushbutton Switches

### 3 AMP 125V AC-L 1.5 AMP 250V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Single Circuit, Black Leads, Molded Brown Pushbutton	9575-250	ON-OFF

### 3 AMP 125V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Single Circuit, Momentary, for double-insulated applications. Black leads	2591	NORMALLY OFF

Single Circuit, Momentary, for double-insulated applications. Also rated 1.5 AMP 277V AC. Black leads	2592	NORMALLY ON
---	------	-------------

### 3 AMP 125V — Door Jamb Switch

DESCRIPTION	CAT. NO.	SEQUENCE
Single Circuit, Momentary, Metal Pushbutton, No. 18AWG Leads, with Jamb Box, Mounting Screws and Cover Plate	1865	NORMALLY ON

### 3 AMP 125V AC-L 1.5 AMP 250V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Single Circuit, Compact Body, Black Leads, Metal Pushbutton	90679-001	ON-OFF

### 3 AMP 125VT 1 AMP 250V

DESCRIPTION	CAT. NO.	SEQUENCE
Two Speed, Three-Position, Black, Blue, Red Leads	585	L1, L2, OFF



9575-250



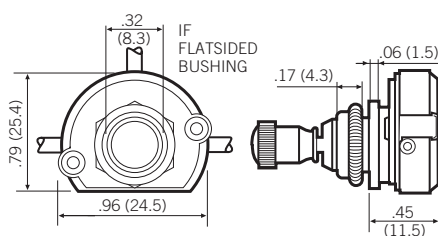
2591



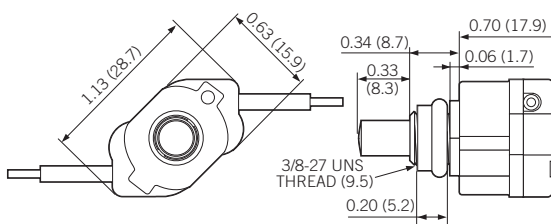
1865



90679-001



573—TWO CIRCUIT ROTARY SWITCH



9575-250—SINGLE CIRCUIT PUSHBUTTON SWITCH

## SPECIFICATIONS AND FEATURES

### Rotary Switches

- Standard leads are No. 18 AWG 105°C plastic 6" long, stripped 1/2"

#### Cat. Nos. 663, 573

- Bushing 3/8-27 x 3/8" long; panel opening 13/32" dia.; knob spindle 4-36 x 5/32"

### Single Pole Pushbutton Switches

- Standard leads are No. 18 AWG 105°C plastic 6" long, stripped 1/2"
- Plastic actuators are brown molded plastic unless otherwise indicated

#### Cat. No. 9575-250

- Plastic button; bushing 3/8-27 x 11/32" long; panel opening 11/32" dia. Leads stripped 3/4"

#### Cat. Nos. 2591, 2592

- Plastic button; bushing 3/8-27 x 27/64" long
- 2591: One 12" lead and one 6" lead

#### Cat. No. 1865 — Door Jamb Switch

- Bushing 15/32-32 x 9/16" long

#### Cat. No. 90679-001

- Metal button; bushing 3/8-27 x 27/64" long. Leads stripped 3/4"

#### Cat. No. 585

- Metal button; bushing 3/8-27 x 27/64" long. Leads stripped 3/4"

## TESTING AND CODE COMPLIANCE

- UL Recognized Component (File #E-7458)—Cat. Nos. 9575-250, 2591, 2592, 90679-001, 585
- UL Listed (File #E-7443)—Cat. Nos. 663, 573, 1865
- CSA Certified (File #LR-3413)—All, except Cat. Nos. 2591 and 2592
- NOM Certified (#057)

## MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



# 40 WATT 125V • 6 AMP 125V • 8 AMP 125V • 15 AMP 125V

## Commercial Grade Appliance Switches

### Pushbutton Switches Fluorescent Starter

#### 40 WATT 125V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Metal Button, 2 Black, 2 Blue Leads	<b>388</b>	ON-OFF
Plastic Button, 2 Black, 2 Blue Leads	<b>9382</b>	ON-OFF

### Single Pole Toggle Switches

#### 6 AMP 125V 3 AMP 250V

DESCRIPTION	CAT. NO.	SEQUENCE
Single-Throw Ball Toggle. Nickel Finish ON-OFF Indicator Plate keyed to bushing. #6-32 Brass Terminal Screws	<b>735</b>	ON-OFF

#### 6 AMP 125V 3 AMP 125VT 3 AMP 250V

DESCRIPTION	CAT. NO.	SEQUENCE
Single-Throw Metal Bat Toggle. ON-OFF Indicator Plate keyed to bushing. No. 18 AWG leads.	<b>720-L5</b>	ON-OFF
Same as above, with Molded Nylon Bat Toggle. Meets UL requirements for double insulated applications	<b>1720-T</b>	ON-OFF

#### 8 AMP 125V

DESCRIPTION	CAT. NO.	SEQUENCE
Single-Throw Metal Bat Toggle. Nickel Finish ON-OFF Indicator Plate keyed to bushing with No. 16 AWG leads.	<b>738</b>	ON-OFF
Similar to Cat. No 738, with Black Molded Nylon Bat Toggle. No. 16 AWG leads. For double insulated applications	<b>1738</b>	ON-OFF

#### 15 AMP 125V AC 10 AMP 250V AC ¾ HP 125/250V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Single-Throw Heavy-Duty Aluminum Bat Toggle. Stamped with ON-OFF marking. Screw terminals	<b>5731</b>	ON-OFF
Single-Throw Heavy-Duty Aluminum Bat Toggle. Stamped with ON-OFF marking. Quick connect tabs	<b>5721</b>	ON-OFF



388



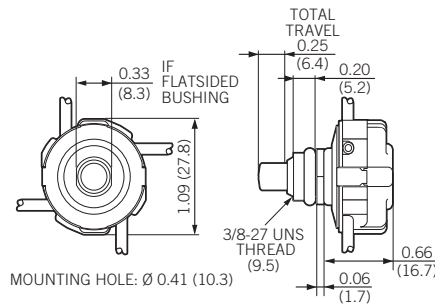
735



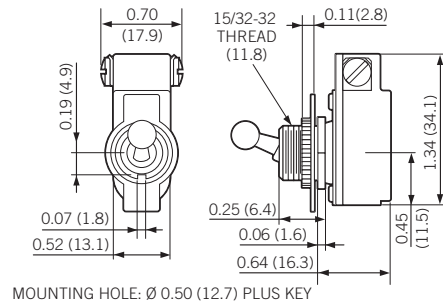
1720-T



5731



388—FLUORESCENT STARTER SWITCH



735—SINGLE POLE TOGGLE SWITCH

#### SPECIFICATIONS AND FEATURES

##### Cat. Nos. 388, 9382

- Bushing ¾-27 x 1½" long; panel opening 1½" dia.

##### Cat. No. 735

- Bushing 15/32-32 x ¼" long

##### Cat. No. 720-L5

- Bushing 15/32-32 x ¼" long

##### Cat. No. 1720-T

- Bushing 15/32-32 x 1½" long

##### Cat. Nos. 1738, 738

- Bushing 15/32-32 x 1½" long; panel opening ½" dia.

##### Cat. Nos. 5731, 5721

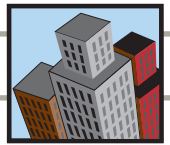
- Bushing 15/32-32 x ¾" long. Bat-type toggle extends ¼" from top of bushing

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E-18134)—Cat. Nos. 388, 9382
- UL Listed (File #E-7458)—Cat. Nos. 735, 720-L5, 1720-T, 738, 1738, 5731, 5721
- CSA Certified (File #LR-8255)—Cat. No. 388
- CSA Certified (File #LR-3413)—Cat. Nos. 9382, 735, 720-L5, 1720-T, 738, 1738, 5731, 5721
- NOM Certified (#057)

#### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C



**Feed-Through Cord Switches**

**3 AMP 125V 1/2 H.P. 125V**

DESCRIPTION	CAT. NO.	SEQUENCE	COLOR*
Heavy Duty, Single Pole, 18/2 – 16/2 Type SPT-1, SPT-2 or Round Cord 18/2, Type SVT and other cords up to 9/32" outer jacket.	5410	ON-OFF	I, W <small>Basic Cat. No. denotes Brown</small>

**Miniature Feed-Through Cord Switch**

**6 AMP 125V 3 AMP 125VT 3 AMP 250V**

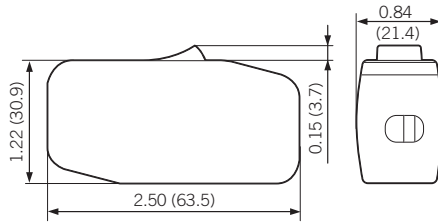
DESCRIPTION	CAT. NO.	COLOR*
Miniature Single Pole, ON-OFF Sequence, Captive Screw. For use with #18 ga. SPT-1 conductors	423-3	I, W <small>Basic Cat. No. denotes Brown</small>



5410-W



423-3I



5410—FEED-THROUGH SWITCH

**TESTING AND CODE COMPLIANCE**

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)

**\*COLOR**


Basic Cat. No. denotes Brown. Add the suffix to catalog number as follows for additional color selections: Ivory (-I), White (-W).

**MATERIAL CHARACTERISTICS**


Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

The L-100 Leviton Wiring Device Catalog is designed to help you find the device you're seeking in the quickest and easiest way possible. Most product sections are divided into three distinct categories in the following sequence—Industrial Grade, Commercial Grade and Residential Grade—and grouped according to amperage and voltage, lowest to highest. For example, if you need to order 15 Amp, 125 Volt Industrial Grade straight-blade duplex receptacles, begin your search with the main Table of Contents at the front of the book. Here you'll see that all straight blade receptacles are listed in Section G. Turn to Section G for a more detailed Table of Contents on the first page. Each section page contains product descriptions, ratings and catalog numbers. There are also helpful highlights including Specifications and Features, Testing and Code Compliance, Color listing, Material Characteristics and dimensioned color product photos. Any product page in the L-100 Catalog can be clearly copied or faxed to customers and prospects for use as a specific sheet or as part of a presentation.

The Quick Reference Guide follows the main Table of Contents to help you pinpoint and locate specific products. Technical Section V provides general product and test data, industry standards, NEMA configuration charts, a glossary of wiring device terms, ANSI architectural symbols and other related information. Specific catalog numbers are listed in the exhaustive index at the back of the catalog.



## 15 AMP 125 and 250V • 20 AMP 125 and 250V Industrial Grade Straight Blade Receptacles




**A** RATING  
**B** Choose GRADE, if appropriate  
**C** DIMENSIONED PHOTOGRAPH  
**F** DESCRIPTION


**Back and Side Wired** (UL) (S) (Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
LEVSPEC® Duplex Receptacle, Brass Strap	5262 I, W, GY, R, E	5662 I	5362 I, W, GY, R, E	5462 I, GY
Single Receptacle	5261 I, W, GY	5661 I	5361 I, W, A, T, GY	5461 I, A, T, GY
Narrow Body Duplex Receptacle	5252 I, W, A, T, GY, R, E, BU		5352 I, W, A, T, GY, R,	


**D** WIRING/CERTIFICATIONS  
**E** CATALOG NUMBER  
**G** Check for NEMA CONFIGURATION




**C** DIMENSIONED PHOTOGRAPH  
**D** WIRING/CERTIFICATIONS




80703-IG




80703-I




80704-GY




80716-R



84003-40



84004-40



84016-40

**H** WALLPLATE REFERENCE, if appropriate

**I** SPECIFICATIONS AND FEATURES

**Back & Side Wired Duplex**

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Single-piece brass mounting strap on LEVSPEC devices, multi-piece steel strap on other devices
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- Back and side-wiring options
- Brass terminal screws to reduce conductor oxidation
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamp for superior contact and conductivity

**J** TESTING AND CODE COMPLIANCE

**TESTING AND CODE COMPLIANCE**

- UL Listed 498 (UL File #13399); UL Federal Specification WC-596

**K** COLOR LISTING

**\*COLOR**

Basic Cat. Nos. shown above denote Brown device, except for Isolated Ground (-IG) devices Basic Cat. No. denotes Orange. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Brown (For IG devices only, add -B), Almond (-A), Light Almond (-T), Gray (-G or -GY), Black (-E), Red (-R) and Blue (-BU; for IG devices only, add -BIG)

**L** MATERIAL CHARACTERISTICS

**MATERIAL CHARACTERISTICS**

Environmental: Flammability, Rated V2  
Operating Temperature: From -40° C (without impact) to 60° C maximum continuous

- |                                       |  |                                      |
|---------------------------------------|--|--------------------------------------|
| <b>A</b> RATING                       | <b>E</b> CATALOG NUMBER                      | <b>I</b> SPECIFICATIONS & FEATURES   |
| <b>B</b> Choose GRADE, if appropriate | <b>F</b> DESCRIPTION                         | <b>J</b> TESTING AND CODE COMPLIANCE |
| <b>C</b> DIMENSIONED PHOTOGRAPH       | <b>G</b> Check for NEMA CONFIGURATION        | <b>K</b> COLOR LISTING               |
| <b>D</b> WIRING/CERTIFICATIONS        | <b>H</b> WALLPLATE REFERENCE, if appropriate | <b>L</b> MATERIAL CHARACTERISTICS    |



# Electrical Accessories and Decorative Devices

## INDEX

### Residential Grade Electrical Accessories and Decorative Devices

Taps and Adapters .....	U2
Night Lights .....	U3
Guide Lights .....	U3
Fluorescent Utility Lights .....	U4
Child Protection Devices .....	U4
Accessories .....	U4
Wallplates .....	U5







# 15 AMP 125V ADAPTERS

## Residential Grade Devices

LEVITON OFFERS A VARIETY OF ELECTRICAL ACCESSORIES FOR RESIDENTIAL USE, INCLUDING TAPS, SURFACE OUTLETS, ADAPTERS, NIGHT LIGHTS AND SAFETY ITEMS USED FOR CHILD PROTECTION.

### Switch Tap

#### 13 AMP 125V 2-Pole 2-Wire Non-Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Plug-In Switch Tap	1469	I, W	1-15R 



1469-W



69-W



694




698-W




1403-W

### Plug-In Outlet Adapters

#### 15 AMP 125V 2-Pole 2-Wire Non-Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Single-to-Triple 3 round or flat plugs accepted	63	I, W	1-15R 
Single-to-Triple Right Angle, 3 round or flat plugs accepted★	65	I, W	
Single-to-Triple, Swivel, 3 flat plugs accepted	69	I, W	
Cube Tap, Vinyl, 3 round or flat plugs accepted	531	I, W	

#### 15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
3-Wire, Grounding Duplex-to-Six, 6 small or 4 large plugs accepted	49686	I, W	5-15R 
3-Wire, Grounding Single-to-Triple, 3 straight or angle plugs acceptedH	697	I, W	
3-Wire, Grounding Single-to-Triple, Vinyl, 3 straight or angle plugs accepted	699	Orange only	
3-Wire, Grounding Single-to-Triple, 3 straight plugs accepted	694	Orange, Green	
Triple Cube Adapter	692	I, W	


#### 15 AMP 125V 2-Pole 2-Wire to 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Adapter, 2-Wire to Grounding, 1 straight or 1 angle plug accepted★	274	Gray	5-15R 
2-Wire to Grounding, 3 straight plugs accepted★	698	I, W	


Note: All Leviton #274 and #698 adapters use the outlet wallplate screws for grounding.

### Medium Base Lampholder Outlet Adapters

#### 660 WATT 125V 2-Pole 2-Wire

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Outlet-to-Lampholder★	61	I, W	1-15R 
Lampholder-to-Outlet	125	I, W	
Keyless Lampholder and 2 Outlets	1403	I, W, E	
Single Lampholder-to-Twin Lampholder (660W-250V)	128	I	

#### 660 WATT 125V Max. Total 2-Pole 2-Wire

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Pull Chain Lampholder and 2 Outlets. Pull chain controls lamp socket ONLY. Outlet continuously live.	1406	I, W, E	1-15R 

CSA Certified except where indicated by★

#### SPECIFICATIONS AND FEATURES

##### Plug-In Switch

- Provides ON/OFF switching at outlet location

##### Plug-In Outlet Adapters

- Convenient expansion of outlet capacity

#### TESTING AND CODE COMPLIANCE

- UL Listed (File #E13393 – Cat. No. 125; File #E13394 – Cat. Nos. 1469, 49686, 692, 694, 697, 698, 274, 128, 1403 and 1406; File #E-13399 – Cat. Nos. 63, 65, 69, 531)
- CSA Certified (File #LR-406 – Cat. No. 125; File #LR-1523 – Cat. No. 63; File #LR-2780 – Cat. No. 128; File #LR-61476 – Cat. Nos. 65, 69, 531 and 1469; File #LR-91345 – Cat. No. 49686)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

#### \*COLOR

Basic Cat. No. denotes Brown device. For other color selections, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A) and Black (-E).



Night Lights

**ON/OFF Night Light 4 WATT 125V**

DESCRIPTION	CAT.NO	COLOR*
ON/OFF switching with sleek, contemporary styling	48566	I, W

**Automatic Light Directing LED Night Light .25W 120V**

DESCRIPTION	CAT.NO	COLOR
Removable shade slides up and down to direct light	48585	W

**Automatic Rotating Spotlight 2.4W 120V**

DESCRIPTION	CAT.NO	COLOR
Automatic ON/OFF with 360° rotating head directs light and varies intensity	49566	W

**Automatic Night Light 4 WATT 125V**

DESCRIPTION	CAT.NO	COLOR*
Automatic ON/OFF sensor with sleek, contemporary styling	48568	(Night Light Base) I, W

**Automatic LED Night Light .25W 120V**

DESCRIPTION	CAT.NO	COLOR
Automatic ON/OFF with light-reflecting, crystal-faceted shade	48580	-BLU (Blue), -GRN (Green), -WHT (White)

**Automatic Sound-Activated Night Light 4W 125V**

DESCRIPTION	CAT.NO	COLOR
Sound-Activated with adjustable sensitivity	51012	W

**Automatic Motion-Activated LED Night Light .25W 125V**

DESCRIPTION	CAT.NO	COLOR
Three Modes: Motion Activated, Automatic ON at dusk/OFF at dawn, or continuous ON	48581-PIR	W

**Decorative Shade LED Night Lights .5W 120V**

DESCRIPTION	CAT.NO	COLOR
49563 Series—Consult your Leviton representative for available shade designs	49563	W

**Guide Lights**

DESCRIPTION	CAT.NO	COLOR
Button-Style Neon Guide Light .25 Watt 120V AC	49567	W
LED Guide Light with clear shade .5 Watt 120V AC	49568	-W (Amber LED), -BLU (Blue LED)

**Cool Glow Night Light**

DESCRIPTION	CAT.NO	COLOR
Electro-Luminescent Guide Light 1 pack .03W 115V	16509-1PK	W
Electro-Luminescent Guide Light 2 pack .03W 115V	16509-2PK	W

SPECIFICATIONS AND FEATURES

**Automatic Night Lights**

- Turn ON automatically at dusk and OFF automatically at dawn, by sound or by movement depending on model
- Long-life 4 watt bulb or LED included

**Guide Lights**

- Energy-efficient with soft, comforting light
- Compact Neon model keeps second outlet free
- No bulb to replace in LED models

TESTING AND CODE COMPLIANCE

- UL Listed (File #E-39445 – Cat. Nos. 16509, 48566, 48581, 49563, 49566 and 51012; File #E-121173 – Cat. No. 48568)
- CSA Certified (File #LR-1863 – Cat. Nos. 48566, 48568 and 49566)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

\*COLOR

Add suffix to catalog number as follows for color selections: Ivory (-I), White (-W).



48568-W



48580-WHT



51012



48581-PIR



49568



Residential Grade Devices



6511-6



6516



89000



12530



12537

Utility Lights

DESCRIPTION	CAT.NO	COLOR
<b>6" Battery-Operated Fluorescent Light</b> —With 4W replaceable bulb. Requires 4 AA batteries (not included). 6V DC Jack for use with AC/DC adapter (Sold separately)	<b>6511-6</b>	(White base only)
<b>12" Battery-Operated Fluorescent Light</b> —With 8W replaceable bulb. Requires 8 AA batteries (not included). 12V DC Jack for use with AC/DC adapter (Sold separately)	<b>6511-12</b>	(White base only)
<b>6" Battery-Operated Closet Utility Light with ON/OFF switch (2 pack)</b> —Requires 3 AA batteries (not included)	<b>6516-2PK</b>	(White base only)
<b>10.5" Battery-Operated Fluorescent Closet Light</b> —With 6W bulb. Requires 4 D batteries (not included)	<b>6519-10</b>	(White base only)

Child Protection Devices

Outlet Cover Night Light .25 WATT

DESCRIPTION	CAT.NO	COLOR
Cool neon light on top outlet, cover on bottom outlet	<b>48500</b>	(White base only)

Outlet Caps

DESCRIPTION	CAT.NO	COLOR
Outlet Caps—12 Pack	<b>12777</b>	White only

Child-Resistant Wallplates

DESCRIPTION	CAT.NO	COLOR*
Single Gang Child-Resistant Wallplates	<b>89000</b>	I, W

Tamper Resistant Receptacles 15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Tamper Resistant Receptacle	<b>5321</b>	I, W	5-15R

Electrical Accessories

DESCRIPTION	CAT.NO	COLOR
<b>Electrical Connectors Kit</b> —Includes Butt Splices, Ring and Spade Terminals and Female Disconnects (40 Mixed Pieces)	<b>12530</b>	Red/Blue/ Yellow Mix
<b>Insulated Staples</b> — $5/8$ " long, for use with 18/2 or smaller cord (40 Pieces)	<b>12533</b>	White
<b>Plastic Staples</b> —for 1/2" 14/2 & 12/2 NM Cable (50 Pieces)	<b>12536</b>	White
<b>Wiring Fasteners</b> —Includes 1/2" Plastic Staples, Coax Cable Fasteners and 1/2" X 1" Metal Staples (47 Mixed Pieces)	<b>12537</b>	White/Black/ Metal Mix
<b>NM Cable Fittings</b> — $3/8$ " dia. for 14/2, 14/3 & 12/3 NM Cable (4 Pack)	<b>12538</b>	—
<b>8" Cable Ties</b> —Holds wires, cables, bundles and hoses; comes in assorted lengths and colors	<b>12540</b>	White, -BL (Black), -NE (Neon)
<b>Assorted Wire Connectors</b> (25 pieces)	<b>12771</b>	Assorted

SPECIFICATIONS AND FEATURES

Utility Lights

- Battery operation adds light without wiring anywhere extra light is needed
- Includes adhesives for easy, anywhere mounting

Outlet Cover Night Light

- Provides a soft glow when plugged in
- Covers both openings of a duplex outlet

Outlet Caps

- Insert into unused outlets to serve as a barrier
- Can be easily removed by adults when needed for lights and appliances

Child-Resistant Wallplates

- Sliding shutters block outlet openings
- Shutters slide to one side when inserting plug
- Easily replace existing wallplates

Tamper Resistant Receptacle

- Exclusive design helps prevent insertion of anything but a properly rated plug
- Floating shutters behind outlet faces block clear access to energized contacts

TESTING AND CODE COMPLIANCE

- UL Listed (File #E-84313 – Cat. Nos. 48500; File #E-7416 – Cat. No. 12777; File #E-13399 – Cat. No. 5321)
- CSA Certified (File #LR-64317 – Cat. No. 48500; File #LR-406 – Cat. No. 5321)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

\*COLOR

Add suffix to catalog number as follows for color selections: Ivory (-I), White (-W), Black (-E).



### The Finishing Touch® Wallplates

Available in warm wood tones and decorative metals, The Finishing Touch® wallplates are perfect for decorating, redecorating or adding an accent to any room. These wallplates feature elegant and stylish finishes with an oversize silhouette for complete coverage.

#### Decorative Wood

DESCRIPTION	CAT. NO.	COLOR
1-GANG, 1-Toggle	89201-OAK	Oak
	89201-CHR	Cherry
	89201-UNF	Unfinished
	89201-WWP	Whitewash
2-GANG, 2-Toggles	89209-OAK	Oak
	89209-CHR	Cherry
	89209-UNF	Unfinished
	89209-WWP	Whitewash
1-GANG, 1-Duplex	89203-OAK	Oak
	89203-CHR	Cherry
	89203-UNF	Unfinished
	89203-WWP	Whitewash

#### Decorative Metal

DESCRIPTION	CAT. NO.	COLOR
1-GANG, 1-Toggle	89301-ATB	Antique Brass
	89301-SSS	Satin Chrome
	89301-OHW	White Vinyl
2-GANG, 2-Toggles	89309-ATB	Antique Brass
	89309-SSS	Satin Chrome
	89309-OHW	White Vinyl
1-GANG, 1-Duplex	89303-ATB	Antique Brass
	89303-SSS	Satin Chrome
	89303-OHW	White Vinyl

*The Finishing Touch Wallplate Collection also includes a larger variety of decorative ceramic and painted metal wallplates. Consult your Leviton representative for more information.*



89201-OAK



89209-CHR



89203-UNF



89309-SSS

#### SPECIFICATIONS AND FEATURES


##### Decorative Wood and Metal Wallplates

- Genuine wood available in Oak, Cherry, Whitewash and Unfinished
- Metal available in Antique Brass, Satin Chrome and White Vinyl
- Sturdy impact-resistant construction for long-lasting performance
- Modern design with oversized silhouette for complete coverage
- Clean attractive appearance
- Smooth surface is easy to keep clean
- Mounting screws included—Metal plates feature matching-color screws




The L-100 Leviton Wiring Device Catalog is designed to help you find the device you're seeking in the quickest and easiest way possible. Most product sections are divided into three distinct categories in the following sequence—Industrial Grade, Commercial Grade and Residential Grade—and grouped according to amperage and voltage, lowest to highest. For example, if you need to order 15 Amp, 125 Volt Industrial Grade straight-blade duplex receptacles, begin your search with the main Table of Contents at the front of the book. Here you'll see that all straight blade receptacles are listed in Section G. Turn to Section G for a more detailed Table of Contents on the first page. Each section page contains product descriptions, ratings and catalog numbers. There are also helpful highlights including Specifications and Features, Testing and Code Compliance, Color listing, Material Characteristics and dimensioned color product photos. Any product page in the L-100 Catalog can be clearly copied or faxed to customers and prospects for use as a specific sheet or as part of a presentation.

The Quick Reference Guide follows the main Table of Contents to help you pinpoint and locate specific products. Technical Section V provides general product and test data, industry standards, NEMA configuration charts, a glossary of wiring device terms, ANSI architectural symbols and other related information. Specific catalog numbers are listed in the exhaustive index at the back of the catalog.



## 15 AMP 125 and 250V • 20 AMP 125 and 250V

### Industrial Grade Straight Blade Receptacles

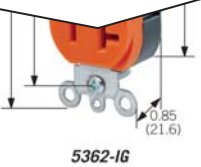


**A** RATING  
**B** Choose GRADE, if appropriate  
**C** DIMENSIONED PHOTOGRAPH  
**F** DESCRIPTION

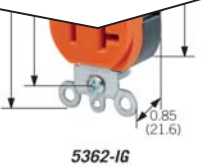
**Back and Side Wired** (Basic Cat. No. Denotes Brown Device\*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
LEVSPEC® Duplex Receptacle, Brass Strap	5262 I, W, GY, R, E	5662 	5362 I, W, GY, R, E	5462 I, GY
Single Receptacle	5261 I, W, GY	5661 	5361 I, W, A, T, GY	5461 I, A, T, GY
Narrow Body Duplex Receptacle	5252 I, W, A, T, GY, R, BU	—	5352 I, W, A, T, GY, R,	—

**E** CATALOG NUMBER  
**G** Check for NEMA CONFIGURATION





**C** DIMENSIONED PHOTOGRAPH  
**D** WIRING/CERTIFICATIONS





5362-IG

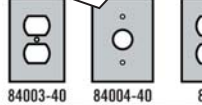
**For complete wallplate selection, see Section E.**

 80703-IG  
**I** SPECIFICATIONS & FEATURES

 80703-I  
**J** TESTING AND CODE COMPLIANCE

 80704-GY  
**K** COLOR LISTING


 80716-R  
**L** MATERIAL CHARACTERISTICS



84003-40 84004-40 84016-40

**H** WALLPLATE REFERENCE, if appropriate

**5242-W**



**G** Check for NEMA CONFIGURATION  
**H** WALLPLATE REFERENCE, if appropriate  
**I** SPECIFICATIONS & FEATURES  
**J** TESTING AND CODE COMPLIANCE  
**K** COLOR LISTING  
**L** MATERIAL CHARACTERISTICS

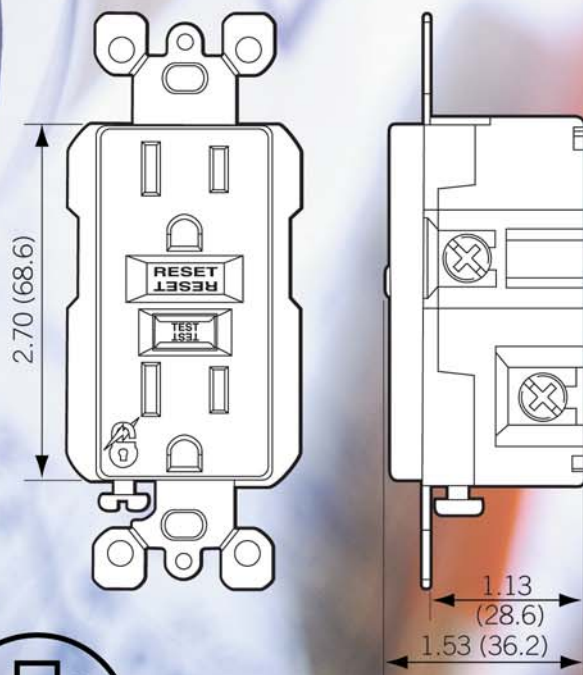
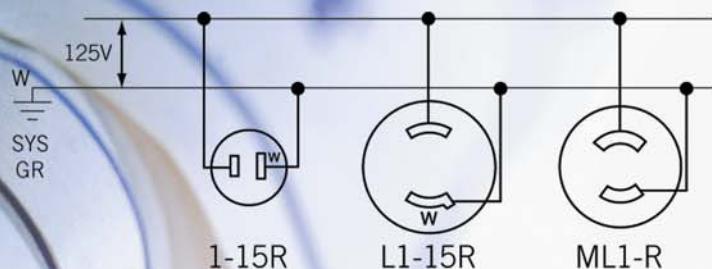
- |                                       |  |                                      |
|---------------------------------------|--|--------------------------------------|
| <b>A</b> RATING                       | <b>E</b> CATALOG NUMBER                      | <b>I</b> SPECIFICATIONS & FEATURES   |
| <b>B</b> Choose GRADE, if appropriate | <b>F</b> DESCRIPTION                         | <b>J</b> TESTING AND CODE COMPLIANCE |
| <b>C</b> DIMENSIONED PHOTOGRAPH       | <b>G</b> Check for NEMA CONFIGURATION        | <b>K</b> COLOR LISTING               |
| <b>D</b> WIRING/CERTIFICATIONS        | <b>H</b> WALLPLATE REFERENCE, if appropriate | <b>L</b> MATERIAL CHARACTERISTICS    |



# Technical Information

## INDEX

List of Abbreviations	V2
National Electrical Code (NEC) Requirements	V3
Associations, Organizations and Standards	V4, V5
Certification Agencies and Markings	V5
UL, CSA and NEMA Standards	
Pertaining to Leviton	V6
High-Abuse, UL Listed	
Hospital Grade Wiring Devices	V7
Glossary of Electrical Wiring Device Terms	V8-V10
Switches	V11
Dimmers	V11
Receptacles	V11, V12
Ground Fault Circuit Interrupters (GFCI's)	V12
Enclosure Classifications	V13-V15
Materials Used in Wiring Devices	V15, V16
ANSI Architectural Symbols	V17
NEMA Straight Blade Configurations	V18
NEMA Locking Configurations	V19
Horsepower Ratings for NEMA Configurations	V20
Circuit Wiring Diagrams	V21-V23
Switch Wiring Diagrams	V24
Diameter Ranges of Jacketed Cord	V25
Wallplate Dimensions	V26
Telephone Wiring Devices —	
Codes and Standards	V27
Wire Color Codes and Jack Pin Designations	V28



● Hospital Grade

● Hospital Grade



**INDUSTRY STANDARDS, RELEVANT DEFINITIONS, PERTINENT PRODUCT DATA, REPRESENTATIVE DIMENSIONAL DRAWINGS AND GENERAL PRODUCT REFERENCES ARE INCLUDED IN THIS SECTION.**

### List of Abbreviations Used In Leviton Catalogs

#### ANSI

##### **American National Standards Institute, Inc.**

11 West 42nd St., New York, NY 10036

An independent organization that identifies industrial and public requirements for national consensus standards and coordinates and manages their development, resolves national standards problems, and ensures effective participation in international standardization.

Various U.S. Government Agencies often adopt ANSI Standards. For example, the Department of Defense has made mandatory the use of ANSI Standard Y32.9-1972, "Graphic Symbols for Electrical Wiring and Layout Diagrams used in Architecture and Building Construction." Such Standards are often developed by specialized technical societies for ANSI. The Standard referred to above was prepared by the Institute of Electrical and Electronics Engineers (IEEE) and the American Society of Mechanical Engineers (ASME).

#### GSA

##### **General Services Administration Federal Supply Service**

Crystal Mall Bldg. 4, Washington, D.C. 20406

The U.S. Government administration responsible for the approval of Federal Specifications used in the purchase of products by all Federal Agencies.

The two most relevant Federal Specifications for Electrical Wiring Devices are:

**W-C-596**, for Electrical Power Connector, Plug, Receptacle and Cable Outlet

**W-S-896**, for Toggle and Lock, Flush Mounted Switches

Leviton devices that comply with these specifications, as verified by Underwriters Laboratories Inc., are also listed in this catalog.

#### NEC

##### **National Electrical Code**

Published by the NFPA (see listing)

The purpose of the Code is the practical safeguarding of persons and property from hazards arising from the use of electricity. This Code is sponsored by NFPA under the auspices of ANSI. It is revised every three years. OSHA (see listing) has adopted the NEC as the code to follow in order to comply with OSHA requirements.

#### NEMA

##### **National Electrical Manufacturers Association**

2101 L St. NW, Washington, D.C. 20003

An organization of electrical manufacturers that establishes standards for manufacture and tests for performance and reliability of electrical products. NEMA tests are often the basis or prerequisite for approval by the Federal Government and/or by Underwriter's Laboratories, Inc.

#### NFPA

##### **National Fire Protection Association**

Battery March Park, Quincy, MA 02269

An organization devoted to promoting the science and improving the methods of Fire Protection. Membership is open to anyone interested. Every three years, the NFPA produces a new edition of the NEC (see listing). The NFPA also provides many other useful publications dealing with fire prevention.

#### OSHA

##### **Occupational Safety and Health Administration**

(U.S. Department of Labor), 200 Constitution Ave. NW, Washington D.C. 20210 (plus regional offices)

That part of the U.S. Department of Labor responsible for assuring that employers provide safe and healthful working conditions and equipment for employees, and that employees properly avail themselves of these conditions.

In addition to specific regulations published in the Federal Register, OSHA has also adopted the National Electrical Code in part for existing installations and equipment and completely for new construction.

**Note:** OSHA does not approve products. Compliance with OSHA regulations is contingent on two factors: The approval or listing of the product by an authorized testing laboratory, such as UL (see listing), and the proper installation and/or use of the product in accordance with OSHA guidelines.

#### UL

##### **Underwriters Laboratories Inc.**

Northbrook, IL; Melville, NY; Santa Clara, CA

"An independent, not-for-profit organization testing for public safety." Tests by UL are the basis for acceptance by various government agencies. Listing by UL denotes initial testing and periodic retesting to assure continuing conformance to standards.

#### NOM

##### **Norma Oficial Mexicana**

(Mexican Official Standard) SECOFI  
Avenida Puente de Tecamachalco #6  
Col. Lomas de Tecamachalco 53950  
Naucalpan, Edomex Mexico



## Industry Standards for Electrical Wiring Devices

### National Electrical Code Requirements for Wiring Devices

National Electrical Code NFPA No. 70-1996 (Selected Articles)

**ARTICLE 90 — Introduction**

**ARTICLE 100 — Definitions**

**ARTICLE 110 — Requirements for Electrical Installations**

- 110-18 Arcing Parts
- 110-21 Marking

**ARTICLE 200 — Use and Identification of Grounded Conductors**

- 200-9 Means of Identification of Terminals
- 200-10 Identification of Terminals

**ARTICLE 210 — Branch Circuits**

- 210-4 Multiwire Branch Circuits
- 210-6 Branch Circuit Voltage Limitations
- 210-7 Receptacles and Cord Connectors
- 210-8 Ground Fault Protection for Personnel
- 210-21 Outlet Devices
- 210-24 Branch Circuit Requirements
- 210-50 Required Outlets, General
- 210-52 Dwelling Unit Receptacle Outlets
- 210-60 Guest Rooms
- 210-63 Rooftop Heating, Air Conditioning and Refrigeration Equipment Outlet
- 210-70 Lighting Outlets Required

**ARTICLE 220 — Branch Circuit, Feeder and Service Calculations**

- 220-4 Branch Circuits Required

**ARTICLE 250 — Grounding**

- 250-45 Equipment Connected by Cord and Plug
- 250-50 Equipment Grounding Conductor Connections
- 250-51 Effective Grounding Path
- 250-59 Cord and Plug Connected Equipment
- 250-74 Connecting Receptacle Grounding Terminal to Box

**ARTICLE 310 — Conductors for General Wiring**

- 310-15 Ampacities

**ARTICLE 380 — Switches**

- 380-1 Scope
- 380-2 Switch Connections
- 380-8 Accessibility and Grouping
- 380-9 Faceplates for Flush-Mounted Snap Switches
- 380-14 Rating and Use of Snap Switches
- 380-15 Marking

**ARTICLE 410 — Lighting Fixtures, Lampholders, Lamps, Receptacles**

- 410-29 Cord-Connected Showcases
- 410-56 Receptacles, Cord Connectors and Attachment Plugs
- 410-57 Receptacles in Damp or Wet Locations
- 410-58 Grounding-Type Receptacles, Adapters, Cord Connectors and Attachment Plugs

**ARTICLE 422 — Appliances**

- 422-22 Disconnection of Cord- and Plug-Connected Appliances

**ARTICLE 511 — Commercial Garages, Repair and Storage**

- 511-10 Ground Fault Circuit Interrupter Protection for Personnel

**ARTICLE 517 — Health Care Facilities**

- 517-3 Definitions
- 517-12 Wiring Methods
- 517-13 Grounding of Receptacles and Fixed Electric Equipment
- 517-16 Receptacles with Insulated Grounding Terminals
- 517-18 General Care Areas
- 517-19 Critical Care Areas
- 517-19(e) Additional Protective Techniques
- 517-20 Wet Locations
- 517-21 Ground Fault Circuit Interrupter Protection for Personnel
- 517-31 Emergency System
- 517-44 Sources of Power
- 517-61 Wiring and Equipment
  - (a) Within Hazardous (Classified) Anesthetizing Locations
  - (b) Above Hazardous (Classified) Anesthetizing Locations
  - (c) Other-Than-Hazardous (Classified) Anesthetizing Locations
- 517-62 Grounding
- 517-64 Low-Voltage Equipment and Instruments

**ARTICLE 518 — Places of Assembly**

- 518-3(b) Temporary Wiring Receptacles

**ARTICLE 550 — Mobile Homes and Mobile Home Parks**

- 550-5(c) Attachment Plug Cap
- 550-8 Receptacle Outlets

**ARTICLE 555 — Marinas and Boatyards**

- 555-3 Receptacles
- 555-7 Grounding

**ARTICLE 625 — Electrical Vehicle Charging System Equipment**

- 625-22 (New Article) GFCI Protection for Cord- and Plug-Connected Electric Vehicle Supply Equipment

**ARTICLE 680 — Swimming Pools, Fountains and Similar Installations**

- 680-4 Definitions
- 680-5 Transformers and Ground Fault Circuit Interrupters
- 680-6(a) Receptacles
- 680-6(b) Lighting Fixtures, Lighting Outlets, Switching Devices and Ceiling Fans
- 680-7 Cord- and Plug-Connected Equipment
- 680-40 Outdoor Installations
- 680-41 Indoor Installations
- 680-51 Lighting Fixtures, Submersible Pumps and Other Submersible Equipment
- 680-62 Cord- and Plug-Connected Equipment
- 680-62 Therapeutic Tubs (Hydrotherapeutic Tanks)
- 680-62(a) Ground Fault Circuit Interrupter
- 680-62(c) Methods of Bonding



## Associations, Organizations and Standards

The following listings define the common acronyms used for a variety of organizations.

### Standards Development Organizations

Primarily involved in the development and/or promulgation of standards

<b>NFPA</b>	National Fire Protection Agency
<b>IEC</b>	International Electrotechnical Commission
<b>IEEE</b>	Institute of Electrical and Electronics Engineers
<b>ANSI</b>	American National Standards Institute
<b>CANENA</b>	Consejo de Armonizacion de Normas Electrotecnicas de Norte America (Council for Harmonization of Electrotechnical Standardization of North America)
<b>SAE</b>	Society of Automotive Engineers
<b>ISA</b>	Instrument Society of America
<b>SME</b>	Society of Manufacturing Engineers
<b>ISO</b>	International Standards Organization
<b>ASME</b>	American Society of Mechanical Engineers

### Codes and Standards

Installation codes and product safety, performance and interchangeability standards.

<b>NEC</b>	National Electrical Code
<b>NOM</b>	Normas Oficiales de Mexicanas (Official Mexican Standard)
<b>NMX</b>	Normas Mexicanas
<b>CEC</b>	Canadian Electrical Code
<b>CEE</b>	European Electrotechnical Committee

### Industry Associations

For the purpose of standardization, trade, and professional development, etc.

<b>NMDA</b>	National Marine Distributor Association
<b>NEMA</b>	National Electrical Manufacturers Association
<b>ABYC</b>	American Boat and Yacht Council
<b>EIA/TIA</b>	Electronics Industry Association/Telecommunications Industry Association
<b>NAED</b>	National Association of Electrical Distributors
<b>NAW</b>	National Association of Wholesalers
<b>BICISI</b>	Building Industry Consulting Services International
<b>IBI</b>	Intelligent Building Institute

<b>EPRI</b>	Electric Power Research Institute
<b>NEMRA</b>	National Electrical Manufacturers Representative Association
<b>IAEI</b>	International Association of Electrical Inspectors
<b>IFMA</b>	International Facilities Management Association
<b>BOMA</b>	Building Owners Management Association
<b>SEMI</b>	Semi-Conductor Equipment and Material International
<b>CEMRA</b>	Canadian Electrical Manufacturers Representatives Association
<b>NMRA</b>	National Marine Representative Association
<b>EFI</b>	Electro-Federation Incorporated
<b>NECA</b>	National Electrical Contractors Association
<b>IECA</b>	Independent Electrical Contractors Association
<b>ECOC</b>	Electrical Contractors of Canada
<b>CANAME</b>	Camara Nacional de Manufacturas Electricas (Mexico)

### Certification Agencies

Primarily involved in certification of products or manufacturers to standards developed by the certification agency or by others.

<b>UL</b>	Underwriters Laboratories Inc.
<b>CSA</b>	Canadian Standards Association
<b>ANCE</b>	National Association of Normalization and Certification of the Electrical Sector (Mexico)
<b>TUV</b>	TUV Rheinland of N.A., Inc.
<b>VDE</b>	Verband Deutscher Elektrotechniker (Germany)
<b>BSI</b>	British Standards Institute
<b>FM</b>	Factory Mutual
<b>NRTL</b>	National Recognized Testing Laboratories
<b>OSHA</b>	Occupational Safety and Health Administration
<b>FCC</b>	Federal Communications Commission
<b>DESC</b>	Defense Electronic Supply Center
<b>IAPA</b>	Independent Accident and Protection Association (Canada)
<b>CE</b>	European Compliance (This is not a certification agency, but CE is the European Compliance Mark)
<b>ETL</b>	ETL Testing Laboratories





## European Agencies: IEC and CEE

### The IEC

The IEC is the International Electrotechnical Commission. Formed in 1906, it is a worldwide organization primarily involved in the international standardization of electrical standards and equipment. As of 1994, 48 countries are represented in the IEC. IEC member countries produce and consume the majority of the world's electrical energy. They also manufacture and use the majority of the world's electrical products.

The IEC works towards standardization of the following areas:

- Universal technical language; including definitions, and electrical symbols
- Systems for ratings, testing requirements and methods of testing
- Electrical system characteristics; including voltages, frequencies and tolerances
- Dimensional requirements and tolerances
- Universal electrical safety requirements








### The CEE

The CEE is the European Electrotechnical Committee. The CEE works on safety standards, definitions for conformity and certifications for electrical equipment. Cooperation between the CEE and the IEC has led to worldwide publications for standards pertaining to electrical equipment.

## Certification Agencies and Markings

Certification marks indicate that a product has been tested to the requirements of a specific certification agency. In some cases, a manufacturer chooses to identify a product in a particular way even though no outside certification agency is involved (e.g. Specification Grade). The following table illustrates the variety of certification markings typically used for 15A and 20A Straight Blade Receptacles. Understanding these marks permits the user or specifier to make meaningful product selections.

**Typical Product Certification Marks** — 15 & 20 Amp Straight Blade Receptacles. Products with these markings must meet the specific testing standards indicated.

Certification Mark	UL498	CSA, C22.2, No. 42M	UL 498 Hospital Grade	CSA, C22.2, No. 42M, Hosp. Grade	DESC W-C-596F	Certification Agency
<b>Spec Grade*</b>	No Product Testing Required — Manufacturer's Term Only					Manufacturer Only
	X					Underwriters Laboratories Inc. Recognized Component for OEM use.
	X					Underwriters Laboratories Inc.
		X				Canadian Standards Association
 • Hospital Grade	X		X			Underwriters Laboratories Inc.
 • Hospital Grade		X		X		Canadian Standards Association
 Fed. Spec	X				X	Underwriters Laboratories Inc. and Defense Electronic Supply Center
 Fed. Spec • Hospital Grade	X		X		X	Underwriters Laboratories Inc. and Defense Electronic Supply Center

\*Includes variations such as Industrial Spec. Grade, Premium Spec. Grade, etc.

### Cross References

The cross reference guides supplied by some manufacturers are convenient for determining compatible devices by rating and configuration. However, these cross reference guides are not official confirmation of compliance to any standard or testing criteria. This can only be determined by the certification marks which verifies that a product has been tested to the specific requirements of a certification agency. Also note that common catalog numbers are often used by different manufacturers for selection convenience. This is done solely at the discretion of the manufacturer and in no way implies compliance to any standard or testing criteria.





## UL, CSA and NEMA Standards Pertaining to Leviton Devices

### UL Standards Pertaining to Leviton Devices

<b>UL20</b>	<b>General-use switches</b>
<b>UL50</b>	<b>Enclosures for electrical equipment</b>
<b>UL94</b>	<b>Flammability testing for materials</b>
<b>UL486E</b>	<b>Equipment and wiring terminals</b>
<b>UL498</b>	<b>Plugs, connectors, receptacles, inlets, outlets, taps and adapters</b>
<b>UL508</b>	<b>Industrial equipment (including motor control switches)</b>
<b>UL514A</b>	<b>Metallic boxes/covers/wallplates</b>
<b>UL514C</b>	<b>Non-metallic boxes/covers/wallplates</b>
<b>UL817</b>	<b>Cordsets</b>
<b>UL943</b>	<b>GFCI's</b>
<b>UL1363</b>	<b>Temporary power taps</b>
<b>UL1436</b>	<b>Outlet circuit testers</b>
<b>UL1449</b>	<b>Surge suppression devices</b>
<b>UL1567</b>	<b>Switches and receptacles used with AL wire</b>
<b>UL1682 &amp; 1686</b>	<b>Pin &amp; Sleeve devices</b>
<b>UL1776</b>	<b>High-pressure cleaning equipment</b>
<b>FS</b>	<b>Federal Spec receptacles</b>
<b>WC596F</b>	
<b>FS</b>	<b>Federal Spec switches</b>
<b>WS896</b>	

**Note:** Straight blade and locking NEMA configurations are defined by UL 1681 and NEMA WD 6.

Each UL standard consists of requirements that cover three characteristics of the product being reviewed:

- |                        |   |
|------------------------|---|
| <b>1. Construction</b> | <b>Material properties and general design</b>                   |
| <b>2. Performance</b>  | <b>Mechanical and electrical testing</b>                        |
| <b>3. Markings</b>     | <b>Identification of manufacturer, applicable ratings, etc.</b> |

### CSA Standards Pertaining to Leviton Devices

<b>C22.2, No. 0.17</b>	<b>Polymeric materials</b>
<b>C22.2, No. 42</b>	<b>General-use receptacles, attachment plugs</b>
<b>C22.2, No. 55</b>	<b>Special-use switches</b>
<b>C22.2, No. 111</b>	<b>General-use switches</b>
<b>C22.2, No. 182.1</b>	<b>Industrial-type, special-use attachment plugs, receptacles and connectors. Pin and sleeve devices</b>
<b>C22.2, No. 182.2</b>	<b>Industrial locking type</b>

### NEMA Standards Pertaining To Leviton Devices — In Accordance With NEMA Standard WD-1

<b>WD 1-1.01</b>	<b>CORD CONNECTOR</b>
A cord connector is a portable receptacle which is provided with means for attachment to a flexible cord and which is not intended for permanent mounting.	
<i>NEMA Standard 7-13-1967</i>	
<b>WD 1-1.02</b>	<b>GROUNDING CONDUCTOR (SYSTEM GROUND)</b>
A grounded conductor is a circuit conductor (normally current carrying) which is intentionally connected to earth ground. (It is identified as the white conductor.)	
<i>NEMA Standard 7-13-1967</i>	
<b>WD 1-1.03</b>	<b>GROUNDING CONDUCTOR (EQUIPMENT GROUND)</b>
A grounding conductor is a conductor which connects noncurrent-carrying metal parts of equipment to earth ground to provide an intentional path for fault current to ground (It is bare, or, when covered, is identified as the green or green with yellow stripes conductor.)	
<i>NEMA Standard 7-13-1967</i>	

**WD 1-1.04 LAMPHOLDER**  
A lampholder is a device which is intended to support an electric lamp mechanically and to connect it electrically to a circuit.  
*NEMA Standard 7-13-1967*

**WD 1-1.05 MALE BASE (INLET)**  
A male base is a plug which is intended for flush or surface mounting on an appliance or equipment and which serves to connect utilization equipment to a connector.  
*NEMA Standard 7-13-1967*

**WD 1-1.06 OUTLET**  
An outlet is a point on the wiring system at which current is taken to supply utilization equipment.  
*NEMA Standard 7-13-1967*

**WD 1-1.07 PLUG**  
A plug is a device with male blades which, when inserted into a receptacle, establishes connection between the conductors of the attached flexible cord and the conductors connected to the receptacle.  
*NEMA Standard 7-1-1967*

**WD 1-1.08 POLARIZATION (PLUGS AND RECEPTACLES)**  
Polarization is a means of assuring the mating of plugs and receptacles of the same rating in only the correct position.  
*NEMA Standard 7-1-1967*

**WD 1-1.09 POLE**  
The term "pole" as used in designating plugs and receptacles refers to a terminal to which a circuit conductor (normally current carrying) is connected.  
In switches, the number of poles indicates the number of conductors being controlled.  
*NEMA Standard 7-1-1967*

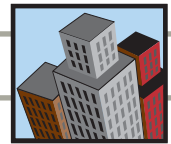
**WD 1-1.10 RECEPTACLE**  
A receptacle is a device with female contacts which is primarily installed at an outlet or on equipment and which is intended to establish electrical connection with an inserted plug.  
*NEMA Standard 7-1-1967*

**WD 1-1.11 SLANT SYMBOL (/)**  
The "slant" line (/) as used in wiring device ratings indicates that two or more voltage potentials are present simultaneously between different terminals of a wiring device.  
*NEMA Standard 7-1-1967*

- WD 1-1.12 SWITCH**  
A switch is a device for making, breaking, or changing the connections in an electric circuit.
- A. Single-pole Switch (Single-pole, Single-throw)**  
A switch which makes or breaks the connection of one conductor.
  - B. Double-pole Switch (Double-pole, Single-throw)**  
A switch which makes or breaks the connection of two conductors of a single branch circuit.
  - C. Three-way Switch (Single-pole, Double-throw)**  
A switch which changes the connection of one conductor and which is normally used in pairs to control one utilization equipment from two locations.
  - D. Four-way Switch (Double-pole, Double-throw Reversing)**  
A form of double-pole switch which is used in conjunction with two three-way switches to control one utilization equipment from three or more locations.  
*NEMA Standard 7-13-1967*

**WD 1-1.13 TERMINAL (ON A WIRING DEVICE)**  
A terminal is a fixed location on a wiring device where a conductor is intended to be connected.  
*NEMA Standard 7-13-1967*

**WD 1-1.14 WIRE (PLUGS AND RECEPTACLES)**  
The term "wire" as used in designating plugs and receptacles indicates the number of either normally current-carrying or equipment grounding connected conductors.  
*NEMA Standard 7-13-1967*



## High-Abuse Wiring Devices — UL Listed Hospital Grade

### Why was it developed?

Hospital Grade Listed devices were developed to provide maximum safety in high-abuse applications where constant strenuous use of the device is common. These highest reliability devices are built to protect against possible human negligence and keep the devices safe and functional.

### What are the applications for Hospital Grade, High Abuse Devices?

Rough use occurs not just in hospitals, but every place where people can't or won't be cautious with devices...the cleaning person who yanks the floor waxer plug down the hall, the mechanic who pulls the drill plug from the wall, or the child who removes the electric lawn-mower plug from 40 feet away!

In addition, Leviton realized that devices in rough use situations are often exposed to many corrosive liquids, such as cleaning fluids, rug shampoos, chlorinated water, sprays, salt air and chemical fumes. Our corrosion resistant devices permit use in environments where these conditions are common.

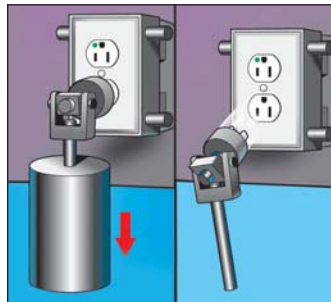
### Demanding Tests for UL Hospital Grade Listing

Leviton has designed a line of wiring devices that withstand impact, wear, crushing, and corrosive environments that would destroy ordinary heavy-duty devices. Leviton's comprehensive line of Hospital Grade and Industrial Grade plugs, connectors and receptacles include devices that have passed a series of demanding UL Hospital Grade tests. This assures the end-user of top performance in the harshest industrial environments. Here are examples of how Leviton devices meet or exceed the requirements of the most rigorous testing!

### Receptacles

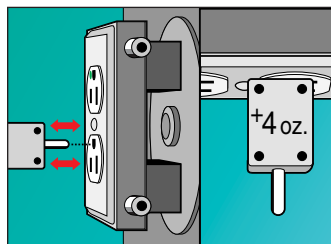
#### Abrupt Removal of Plug Test

A steel-bodied test plug with brass blades is inserted into the receptacle. A 10-pound weight dropped from at least 24 inches yanks the plug out of the receptacle. This test is done eight times with the receptacle rotated into different positions to create the greatest stress on its face and contact. After this, the grounding contact must retain a four ounce, 0.184" diameter grounding pin, with the receptacle face down, for one minute. "There shall be no breakage of the receptacle that interferes with the receptacle function or the integrity of the enclosure. The receptacle shall maintain the grounding path integrity through the receptacle."



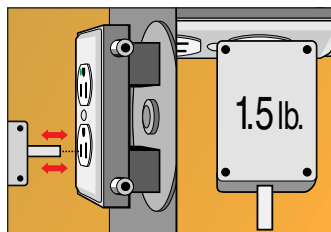
#### Ground Pin Test

The grounding contact of the receptacle is conditioned by 20 insertions with a 0.204" diameter oversized pin. "After conditioning, a 0.184" diameter pin shall be inserted in the grounding contact and shall be capable of supporting at least four ounces for one minute."



#### Power Blade Retention Test

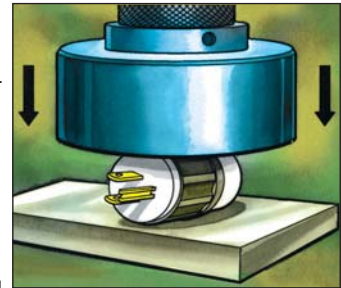
A test plug with oversized blades of .075" is inserted into the current-carrying opening of the connector for 20 conditioning cycles. After the conditioning cycles, "the contact shall be capable of supporting for one minute 1½ lbs, secured to a single .055" thick solid steel blade without holes."



### Plugs and Connectors

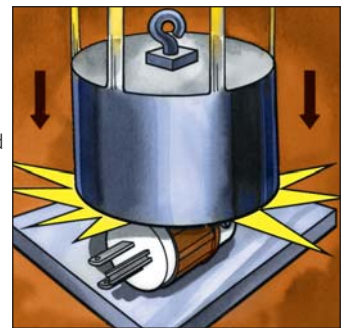
#### 500 lb. Crush Test

A wired plug or connector is placed between two steel plates and subjected to a force which is steadily increased to 500 pounds. "There shall be no breakage, deformation or other effect that may interfere with the function of the device." Leviton knows that in real industrial environments, plugs and connectors are crushed by forces exceeding 500 lbs. Leviton performs the crush test with force of 2500 lbs to ensure that our devices withstand the really heavy hits on the job.



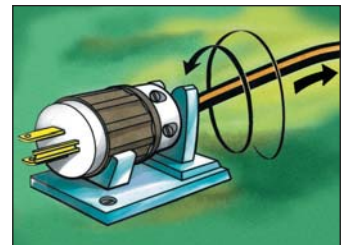
#### Impact Test

A wired plug or connector is subjected to impact from a 10 lb. weight dropped from a height of 18 inches. "There shall be no breakage, deformation or other effect that may interfere with the function of the device." Plugs and connectors are subjected to severe impacts in industrial settings. Therefore, Leviton exceeds the UL requirement by dropping the weight from a height of 36 inches.



#### Cord Pull Test

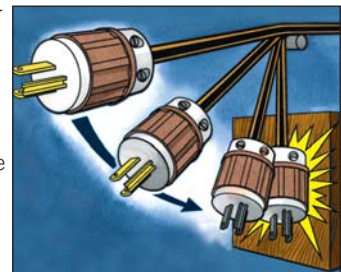
The cord must remain securely fastened after straight pulls of 30 pounds, and rotating pulls (in a 3-inch circle) of 10 pounds for two hours. "Displacement of conductors, insulation, and outer jacket of the flexible cord AWG 18 SVT shall not exceed 1/32 inch. There shall be no cuts, rips, or tears in cord insulation."



Heavy-duty cord stress is typical abuse for industrial plugs and connectors. Leviton increases the weight in the straight cord pull test to 175 lbs. with AWG 14 ST and in the rotating pull test to 20 lbs, ensuring positive strain relief under industrial conditions.

#### Mechanical Drop Test

A sample wired plug or connector is suspended horizontally by its attached cord and released so that it impacts a hard wood surface 45 inches below the point of suspension — repeated for 1300 cycles. "There shall be no breakage, deformation or other damage which would interfere with the functioning of the device."





## Glossary of Electrical Wiring Device Terms

### General Terms

**Adapter** — An accessory used for interconnecting non-mating devices or converting an existing device for modified use.

**Ballast** — A transformer that steps down AC line voltage to voltage that can be used by fluorescent or other types of lighting. Ballasts may be electromagnetic or electronic.

**Cord Connector** — A portable receptacle designed for attachment to or provided with flexible cord, not intended for fixed mounting.

**Flanged Inlet** — A plug intended for flush mounting on appliances or equipment to provide a means for power connection via a cord connector.

**Flanged Outlet** — A receptacle intended for flush mounting on appliances or equipment to provide a means for power connection via an inserted plug.

**Fluorescent Starter** — A device with a voltage-sensitive switch and a capacitor that provides a high-voltage pulse to start a fluorescent lamp. Rated in watts.

**Lampholder** — A device with contacts that establishes mechanical and electrical connection to an inserted lamp.

**Plug** — A device with male contacts intended for insertion into a receptacle to establish electrical connection between the attached flexible cord and the conductors connected to the receptacle.

**Receptacle** — A device with female contacts designed for fixed installation in a structure or piece of equipment and which is intended to establish electrical connection with an inserted plug.

**Switch** — A device for making, breaking, or changing the connections in an electric circuit.

**Wallplate** — A plate designed to enclose an electrical box, with or without a device installed within the box.

### Adapter Variations

**Cube Tap** — An adapter that converts one receptacle opening into multiple openings.

**Current Tap** — An adapter designed for medium base lampholders which has one or two receptacle openings. Available with or without integral switch.

**Duplex** — An adapter that provides two female receptacle openings when plugged into a single receptacle opening.

**Grounding** — An adapter that converts a two-wire receptacle opening into a two-pole, three-wire grounding receptacle opening.

**Lampholder** — A threaded adapter that converts the thread size of the lampholder in which it is inserted so that the lampholder can accept an incandescent lamp bulb of a different size thread.

**Molded-On** — An adapter that is factory molded to a length of flexible cord.

**Series** — An adapter wired in series to a flexible cord containing an in-line switch used to control electrical equipment plugged into the adapter.

**“W” Type** — Same as “Y” type, except having three cord connectors arranged in the form of the letter “W”.

**“Y” Type** — An adapter in the form of a letter “Y”, having two cord connectors on one end and a male plug on the other end.

### Cord Connectors

**Angle** — A connector that allows the attached flexible cord to exit at right angles.

**Corrosion Resistant** — A connector constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

**Dust Proof** — A connector designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

**Explosion Proof** — A connector constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

**Hospital Grade** — A connector designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These connectors are tested to the Hospital Grade requirements of Underwriters Laboratories Inc. Standard 498.

**Locking** — A connector designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

**Midget** — A connector designed with a smaller body diameter than standard connectors with a similar rating.

**Molded On** — A connector that is factory molded to a length of flexible cord.

**Pin and Sleeve** — A connector with hollow, cylindrical sleeve-type contacts.

**Straight Blade** — A non-locking connector into which mating plugs are inserted at a right angle to the plane of the connector face.

**Weatherproof** — A connector specially constructed so that exposure to weather will not interfere with its operation.

### Flanged Inlets

**Corrosion Resistant** — An inlet constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

**Flush-Mounted** — An inlet intended to be installed flush with the surface of a panel or a piece of equipment.

**Locking** — An inlet designed to lock an inserted matching connector when the connector is rotated in a clockwise direction. The connector can only be removed by first turning it in a counter-clockwise direction.

**Midget** — An inlet designed with a smaller body diameter than standard connectors with a similar rating.

**Pin and Sleeve** — An inlet with round pin-type contacts intended to mate with a connector having hollow cylindrical female contacts.

**Straight Blade** — A non-locking inlet into which mating connectors are inserted at a right angle to the plane of the connector face.

**Surface-Mounted** — An inlet designed to be surface mounted on a panel or piece of equipment.

**Watertight** — An inlet specially constructed so that water will not enter under specified test conditions. The IP Suitability Rating designates the degree of protection a device offers against the ingress of moisture and water (e.g. IP 55, IP 44).

**Weatherproof** — An inlet specially constructed to protect it from the effects of weather in outdoor locations.

### Flanged Outlets

**Corrosion Resistant** — An outlet constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

**Flush-Mounted** — An outlet intended to be installed flush with the surface of a panel or a piece of equipment.

**Locking** — An outlet designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

**Midget** — An outlet designed with a smaller body diameter than standard devices with a similar rating.

**Pin and Sleeve** — An outlet with hollow cylindrical female contacts intended to mate with a plug having round pin contacts.

**Straight Blade** — A non-locking outlet into which mating straight-blade plugs are inserted at a right angle to the plane of the outlet face.

**Surface-Mounted** — An outlet designed to be surface mounted on a panel or piece of equipment.

**Watertight** — An outlet specially constructed so that water will not enter under specified test conditions. The IP Suitability Rating designates the degree of protection a device offers against the ingress of moisture and water (e.g. IP 55, IP 44).

**Weatherproof** — An outlet specially constructed so that exposure to weather will not interfere with its operation.

### Fluorescent Starters

**Automatic Reset** — A starter that automatically restarts a new replacement fluorescent lamp after the circuit is energized.

**Direct Current** — A thermal-type starter designed for use on direct current (DC) circuits.

**Glow Discharge** — A starter that provides a rapid lamp start-up and will continue to try to start a failed fluorescent lamp, causing the lamp to flicker until it is replaced.

**Manual Reset** — A starter that automatically deactivates a failed fluorescent lamp to eliminate flickering. A reset button provides a means of activating the circuit after lamp replacement.

### Lampholders

**Bayonet** — Designed for incandescent lamps having an unthreaded metal shell with two diametrically opposite keyways that mate with the keyways on the lampholder. Pushing down on the bulb and turning it clockwise in the lampholder locks the bulb in place.

**Candelabra** — A small screw-base threaded lampholder designed for candelabra-base incandescent lamps commonly used in chandeliers, night lights, and ornamental lighting.

**Circline** — A four-contact, double-ended lampholder designed for use with tubular, circular fluorescent lamps.

**Compact Fluorescent** — A lampholder designed for the Compact Fluorescent Lamps (CFLs) that are increasingly being used to replace incandescent lamps for energy efficiency.

**Dimmer** — An electronic device with either a round knob, slide lever or finger-tip controlled buttons used to dim/brighten incandescent lighting. Available in a variety of wattages; fluorescent version also available.





## Glossary of Electrical Wiring Device Terms

**Double-Contact Recessed** — Designed for high-output fluorescent lamps.

**Edison Base** — An internally-threaded lampholder, with the inner shell approx. 1" in diameter. Designed for widely-used standard medium base lamps.

**Electrolier** — Similar to the Edison Medium Base lampholder, but with a smaller outer diameter.

**Incandescent** — Designed for use with all manufactured incandescent lamps, most of which have threaded bases.

**Intermediate** — A lampholder with a threaded screw shell designed for intermediate base lamps that have a 1<sup>3</sup>/<sub>32</sub>" threaded base (smaller than the standard 1" dia. medium base). Mostly used in decorative lighting.

**Key** — A lampholder with a flat or round "key" knob that operates an internal switching mechanism ("Keyless" lampholders do not provide an internal switching mechanism).

**Lumiline** — A specially designed lampholder for tubular Lumiline-type incandescent lamps, typically used in bathrooms and retail display cases.

**Medium Base** — Same as the Edison base lampholder. An internally-threaded lampholder, with the inner shell approx. 1" in diameter. Designed for widely-used standard medium base lamps.

**Miniature** — Designed for the smallest available incandescent lamps with a screw-in base, approx. 3/8" dia. Widely used in flashlights and toys, etc.

**Mogul** — The largest screw-in type lampholder, designed for mogul incandescent lamps with a screw base of approx. 1 1/2" dia. Used in street lights and numerous commercial/industrial applications.

**Medium Bi-Pin** — A fluorescent lampholder with two contacts, used in pairs. For type T-8 tubular fluorescent lamps, approx. 1" in diameter.

**Miniature Bi-Pin** — Similar to medium bi-pin lampholders, but designed for type T-5 tubular fluorescent lamps, approx. 5/8" in diameter.

**Outlet Box** — Medium-base incandescent lampholder designed for mounting in 3 1/4" or 4" electrical boxes. Available with or without pull-chain mechanism, and with or without built-in receptacle.

**Pull-Chain** — An incandescent lampholder with an internal switching mechanism that is activated by pulling down on a beaded chain or cord.

**Push-Through** — An incandescent lampholder with an insulated lever that is pushed from either side to activate an internal ON/OFF switching mechanism.

**Slimline Single-Pin** — A fluorescent lampholder with a single contact designed for Slimline fluorescent lamps such as the T-12 (1 1/2" dia.), T-8 (1" dia.), and the smaller version T-6 (3/4" dia.).

**Snap-In** — An incandescent or compact fluorescent lampholder with factory-assembled spring clips that securely snap into a panel cutout without requiring additional fasteners.

**Surface-Mounted** — A lampholder of any type that mounts on a flat or plane surface.

### Plugs

**Angle** — A plug that allows the attached flexible cord to exit at right angles.

**Corrosion Resistant** — A plug constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

**Dust Proof** — A plug designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

**Explosion Proof** — A plug constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

**Hospital Grade** — A plug designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These plugs are tested to the Hospital Grade requirements of Underwriter's Laboratories Inc. Standard 498.

**Locking** — A plug designed to lock into a matching connector or receptacle configuration when the plug is rotated in a clockwise direction. The plug can only be removed by turning it in a counter-clockwise direction.

**Midget** — A plug designed with a smaller body diameter than standard plugs with a similar rating.

**Molded On** — A plug that is factory molded to a length of flexible cord.

**Pin and Sleeve** — A plug with round pin contacts.

**Straight Blade** — A non-locking plug that is inserted at a right angle to the plane of the matching device face.

**Weatherproof** — A plug specially constructed so that exposure to weather will not interfere with its operation.

### Receptacles

**AL/CU** — 30A, 50A or 60A receptacles designated for use with aluminum or copper circuit conductors, identified by "AL/CU" stamped on the device. Receptacles without this designation must never be used with aluminum circuit conductors.

**Clock Hanger** — A single, recessed receptacle with a specialized cover plate that provides a hook or other means of supporting a wall clock.

**CO/ALR** — 15A or 20A receptacles designated for use with aluminum or copper circuit conductors, identified by "CO/ALR" stamped on the device. Receptacles without this designation must never be used with aluminum circuit conductors.

**Corrosion Resistant** — A receptacle constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

**Display** — Receptacle with a special cover plate intended for flush mounting on raised floors or walls.

**Duplex** — Two receptacles built with a common body and mounting means; accepts two plugs.

**Dust Proof** — A receptacle designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

**Explosion Proof** — A receptacle constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

**Fan Hanger** — A single receptacle with a specialized cover plate that provides a hook or other means of supporting a wall fan.

**Four-In-One or "Quad"** — A receptacle in a common housing that accepts up to four plugs. Four-In-One receptacles can be installed in place of duplex receptacles mounted in a single-gang box, providing a convenient means of adding receptacles without rewiring.

**GFCI (Ground Fault Circuit Interrupter)** — A receptacle with a built in circuit that will detect leakage current to ground on the load side of the device. When the GFCI detects leakage current to ground, it will interrupt power to the load side of the device, preventing a hazardous ground fault condition. GFCI receptacles must conform to UL Standard 943 Class A requirements, and their use is required by the National Electric Code NFPA-70 in a variety of indoor and outdoor locations.

**Hospital Grade** — A receptacle designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These receptacles are tested to the Hospital Grade requirements of Underwriters Laboratories Inc. Standard 498.

**Interchangeable** — A receptacle or combination of receptacles with a common mounting dimension that may be installed on a single or multiple-opening mounting strap.

**Isolated Ground** — Receptacles intended for use in an Isolated Grounding system where the ground path is isolated from the facility grounding system. The grounding connection on these receptacles is isolated from the mounting strap.

**Lighted (Illuminated)** — A receptacle with a face that becomes illuminated when the device is connected to an energized electrical circuit.

**Locking** — A receptacle designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

**Pin and Sleeve** — A receptacle with cylindrical sleeve-type contacts.

**Safety or Tamper-Resistant** — A receptacle specially constructed so that access to its energized contacts is limited. Tamper-resistant receptacles are required by the National Electric Code NFPA-70 in specific pediatric care areas in health care facilities.

**Single** — A receptacle that accepts only one plug.

**Snap-In** — A receptacle with factory-assembled spring clips that securely snap into a panel cutout without requiring additional fasteners.

**Split-Circuit** — A duplex receptacle that allows each receptacle to be wired to separate circuits. Most duplex receptacles provide break-off tabs that allow them to be converted into split-circuit receptacles.

**Straight Blade** — A non-locking receptacle into which mating plugs are inserted at a right angle to the plane of the receptacle face.

**Surface-Mounted** — Any receptacle that mounts on a flat or plane surface.

**Surge-Suppression** — A receptacle with built-in circuitry designed to protect its load side from high-voltage transients and surges. The circuitry will limit transient voltage peaks to help protect sensitive electronic equipment such as PC's, modems, audio/video equipment, etc.

**Triplex** — A receptacle with a common mounting means which accepts three plugs.

**Weatherproof** — A receptacle specially constructed so that exposure to weather will not interfere with its operation.

### Switches

**AC/DC** — A switch designated for use with either Alternating Current (AC) or Direct Current (DC)

**AC Only** — A switch designated for use with Alternating Current (AC) only.

**Dimmer** — A switch with electronic circuitry that provides DIM/BRIGHT control of lighting loads.



## Glossary of Electrical Wiring Device Terms

**Door** — A momentary contact switch, usually installed on a doorjamb, that is activated when the door is opened or closed.

**Double-Pole, Single-Throw (DPST)** — A switch that makes or breaks the connection of two circuit conductors in a single branch circuit. This switch has four terminal screws and ON/OFF markings.

**Double-Pole, Double-Throw (DPDT)** — A switch that makes or breaks the connection of two conductors to two separate circuits. This switch has six terminal screws and is available in both momentary and maintained contact versions, and may also have a center OFF position.

**Feed-Through** — An in-line switch that can be attached at any point on a length of flexible cord to provide switching control of attached equipment.

**Flush-Mounted** — A switch designed for flush installation with the surface of a panel or equipment.

**Four-Way** — A switch used in conjunction with two 3-Way switches to control a single load (such as a light fixture) from three or more locations. This switch has four terminal screws and no ON/OFF marking.

**Horsepower Rated** — A switch with a marked horsepower rating, intended for use in switching motor loads.

**Interchangeable** — A switch or combination of switches with a common mounting dimension that may be installed on a single or multiple-opening mounting strap.

**Lighted Handle** — A switch with an integral lamp in its actuator (toggle, rocker or pushbutton) that illuminates when the switch is connected to an energized circuit and the actuator is in the OFF position.

**Locking** — A switch equipped with a locking mechanism that requires a key to operate the switching functions.

**Low-Voltage** — A switch rated for use on low-voltage circuits of 50 volts or less.

**L-Rated** — A switch specially designated with the letter “L” in its rating that is rated for controlling tungsten filament lamps on AC circuits only.

**Maintained Contact** — A switch where the actuator (toggle, rocker, pushbutton or key mechanism) makes and retains circuit contact when moved to the ON position. The contacts will only be opened when the actuator is manually moved to the OFF position. Ordinary light switches are maintained contact switches.

**Manual Motor Controller** — A switch designed for controlling small DC or AC motor loads, without overload protection.

**Mercury** — A type of switch that uses mercury as the contact means for making and breaking an electrical circuit.

**Momentary Contact** — A switch that makes circuit contact only as long as the actuator (toggle, rocker, pushbutton or key mechanism) is held in the ON position, after which it returns automatically to the OFF position. This is a “Normally Open” switch. A “Normally Closed” switch will break circuit contact as long as it is held in the OFF position, and then automatically return to the ON position. Available in “Center OFF” versions with both Momentary ON and Momentary OFF positions.

**Pendant** — A type of switch designed for installation at the end of a length of portable cord or cable.

**Pilot Light** — A switch with an integral lamp in its actuator (toggle, rocker or pushbutton) that illuminates when the switch is connected to an energized circuit and the actuator is in the ON position.

**Pull** — A switch where the making or breaking of contacts is controlled by pulling downward or outward on the actuator mechanism.

**Push Button** — A switch with an actuator mechanism that is operated by depressing a button.

**Rotary** — A switch where rotating the actuator in a clockwise direction makes the circuit connection, and then rotating the actuator in either the same or opposite direction breaks the connection.

**Single-Pole, Double-Throw (SPDT)** — A switch that makes or breaks the connection of a single conductor with either of two other single conductors. This switch has 3 terminal screws, and is commonly used in pairs and called a “Three-Way” switch.

**Single-Pole, Single-Throw (SPST)** — A switch that makes or breaks the connection of a single conductor in a single branch circuit. This switch has two screw terminals and ON/OFF designations. It is commonly referred to as a “Single-Pole” Switch.

**Slide** — A switch with a slide-action actuator for making or breaking circuit contact. Dimmer switches and fan speed controls are also available with slide-action mechanisms for lighting and fan speed control.

**Surface-Mounted** — Any switch that mounts on a flat or plane surface.

**Three-Position, Center OFF** — A two circuit switch, either maintained or momentary contact, where the OFF position is designated as the center position of the actuator.

**Three-Way** — A switch, always used in pairs, that controls a single load such as a light fixture from two locations. This switch has three terminal screws and has no ON/OFF marking.

**Time Delay** — A switch with an integral mechanism or electronic circuit that will automatically switch a load OFF at a predetermined time interval.

**Timer** — A switch with an integral mechanism or electronic circuit that can be set to switch an electrical load ON at a predetermined time.

**Toggle** — A switch with a lever-type actuator that makes or breaks switch contact as its position is changed.

**T-Rated** — A switch specially designated with the letter “T” in its rating that is rated for controlling tungsten filament lamps on direct current (DC) or alternating current (AC) circuits.

### Wallplates

**Combination** — A multiple-gang wallplate with openings in each gang to accommodate different devices.

**Decora®** — Wallplates with Decora-size openings for compatibility with Leviton's entire line of Decora devices. Available in a variety of multiple-gang configurations. Screwless-design snap-on versions also available.

**Flush** — A wallplate designed for flush-mounting with wall surfaces or the plane surfaces of electrical equipment.

**Gang** — A term that describes the number of devices a wallplate is sized to fit (i.e. “2-gang” designates two devices).

**Midway** — Wallplates that are approx. 3/8" higher and wider than the standard size that can be mounted onto larger volume outlet boxes and/or used to hide wall surface irregularities. These wallplates are approx. 1/4" deep to ensure a proper fit when used with protruding devices.

**Oversized** — Wallplates that are approx. 3/4" higher and wider than the standard size and are used to conceal greater wall irregularities than those hidden by Midway wallplates. These wallplates are approx. 1/4" deep to ensure a proper fit when used with protruding devices.

**Modular** — Individual-section wallplates with different openings that can be configured into a multi-gang plate.

**Multi-Gang** — A wallplate that has two or more gangs.

**Tandem** — A wallplate with individual gangs arranged vertically one above the other.

**Weatherproof (with Cover Closed)** — A UL Listed cover that meets specific test standards for use in wet and damp locations with the cover closed.

**Weatherproof (with Cover Open)** — A UL Listed cover that meets specific test standards for use in wet and damp locations with the cover open or closed.

### Surge Suppression

**Clamping Voltage** — The peak voltage that can be measured after a Surge Protective Device has limited or “clamped” a transient voltage surge.

Clamping voltage must be determined by using IEEE Standard C62 testing and evaluated by UL Standard 1449.

**Joule Rating** — The measurement of a Surge Protective Device's ability to absorb heat energy created by transient surges. Note that the Joule rating is not a part of IEEE or UL Standards. It is not as significant a specification as Clamping Voltage, Maximum Surge Current and other parameters recognized by these agencies.

**Transient Voltage Surges** — High-speed, high-energy electrical disturbances present on AC power lines and data and communication lines, generated by utility switching, motor-load switching and lightning strikes.

**Response Time** — The interval of time it takes for a surge protective device to react to a transient voltage surge. Note that this parameter is not a part of IEEE or UL Standards and is only based on estimations made by manufacturers.

**Surge Protective Device** — See “Transient Voltage Surge Suppressor (TVSS)” definition.

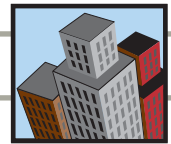
**Transient Voltage Surge Suppressor (TVSS)** — A device designed to protect sensitive electronic equipment such as computers and computer peripherals, logic controls, audio/video equipment and a wide range of microprocessor-based (computer chip) equipment from the harmful effects of transient voltage surges. Also referred to as a Surge Protective Device (SPD).

**Maximum (Peak) Surge Current** — The peak surge current a Surge Protective Device can withstand, based on IEEE Standard C62.45 test waveforms.

**MOV (Metal Oxide Varistor)** — The primary component used in most Surge Protective Devices to clamp down transient voltages.

**UL 1449 Listing** — The industry standard for Surge Protective Devices. A Surge Protective Device must have a UL 1449 Surge Suppression rating on its label in order to verify that the device has been tested with IEEE standardized waveforms. Devices without this identification should not be considered reliable surge protective devices.





## Switches

### Types of Switches

Switches used in branch circuit wiring are rated in two general categories: AC ONLY and AC/DC. Originally, the electrical power furnished to residences and businesses by utility companies was Direct Current or DC. Because DC current was always flowing at full value, the making or breaking of a circuit created a rather strong arc during switch operation. For this reason, the contacts had to be widely gapped and the operation had to be “quick make, quick break” to avoid excessive pitting or welding of the contact points.

Alternating current operates between zero and full power 120 times per second. Because of the oscillating characteristic of AC power, the arc from an AC circuit is self-extinguishing on the “break” of the current. This means a slower breaking action is possible on an AC switch, as opposed to the breaking action required of a switch made for use with continuous full-power DC. The pulsating nature of AC can, however, cause a “chattering” or very fast series of “makes” and “breaks” if the circuit is closed too quickly. For this reason an AC ONLY switch works with a somewhat slower “fast make” and “break” than an AC/DC switch.

Because the make and break actions of an AC/DC switch must be fast, it can be rather noisy, and must use contact metals capable of enduring such comparatively violent action while still offering acceptable electrical conductivity. An alloy of copper is most often used.

Silver and its oxides are better conductors than copper and its oxides. Silver is much softer than copper and therefore cannot be used in the AC/DC switch. However, silver can be used in the AC ONLY switch because of its gentler “fast make” characteristic, especially when silver is alloyed with cadmium oxide, a good conductor that’s quite hard.

### Switch Ratings

AC ONLY switches are often called AC Quiet switches because they can be made to operate very quietly, unlike AC/DC switches. AC ONLY switches are rated at their full current value for lighting, including tungsten filament, quartz metal-halide, and fluorescent; and 80% current value or full horsepower rating value for motor (inductive) loads.

AC/DC switches used for incandescent lighting should have a “T” rating (tungsten-filament rating). The “T” rating assures end-users of the longevity of the switch through the surge currents of a “make” action across a tungsten filament. Such capacity is already inherent in the design of AC Quiet switches.

AC/DC switches are rated at only 50% of their current capacity for motor loads. A 20 amp AC/DC switch could be used to control a 10 amp motor load, while a 20 amp AC Quiet switch can operate a 16 amp motor load.

In the past, MERCURY switches were available that operated by making and breaking contact within a hermetically sealed capsule containing a pool of mercury. MERCURY switches were actually silent in operation. However, due to health concerns about mercury, these switches are no longer manufactured and sold. MERCURY switches may still be in service in some installations

### Horsepower Ratings

Switches marked with Horsepower (HP) Ratings are suitable for controlling the motor loads of the HP ratings shown on the switch, as well as loads with a lower HP rating.

To qualify for an HP rating, a switch is tested at six times the full motor load current corresponding the HP rating marked on the switch. For DC motor load controllers, the test is made at 10 times the full motor load current corresponding to the DC HP rating marked on the switch. The test is conducted on six samples and consists of 50 On-Off operations at the load. For a ¾ HP rating at 120/240 VAC, two sets of six samples each are tested in addition to the regular overload endurance, heating and insulation tests. The test circuit characteristics are:

	For ¾ HP Rating @ 120 VAC	For ¾ HP @ 240 VAC
<b>Closed Circuit Volts</b>	120 VAC	240 VAC
<b>Current</b>	82.8 amps	41.4 amps
<b>Power-Factor</b>	0.40 – 0.50	0.40 – 0.50

**Note:** The current at 240 VAC is 1/2 that at 120 VAC

All switches must be in good operating condition after the tests have been completed. There must be no excessive arcing, welding or burning of the contacts nor arc-over to ground (the switch frames are grounded during the Stalled Rotor Test).

## Dimmers

A common misconception about box-mounted dimmers is that they are simply variable resistors (rheostats) that absorb power to dim the lights. In fact, a rheostat would be too bulky, inefficient and heat producing to ever be practical as a wall-mounted dimmer. In the 1950’s, the advent of solid state technology and a type of semi-conductor called the TRIAC fostered the development of full-range dimmers and fan speed controls that were versatile, efficient and compact enough to fit in a standard wallbox.

Leviton has always taken an active role in the development lighting control technologies. Leviton introduced the Trimatron™ Rotary Dimmer that was only half as deep as conventional dimmers, allowing easier installation and wiring in a crowded wallbox. Today, Leviton offers innovative all-digital lighting controls that feature scene lighting and multi-location control capabilities for sophisticated residential and commercial installations. Leviton’s complete line of controls for incandescent, low-voltage and fluorescent lighting includes Decora-style and architectural specification grade devices, as well as traditional rotary devices. There is also a wide selection of Fan Speed Controls

**See Section C for information on Leviton’s comprehensive line of Lighting and Fan Speed Controls.**

## Receptacles

### Types of Receptacles

Receptacles generally are made to accommodate either of two types of plugs. *Straight-Blade* plugs are pushed in and pulled straight out. *Locking* plugs are pushed in and rotated slightly in a clockwise direction to a position where they cannot be pulled straight out. They must be rotated counterclockwise back to the insertion position in order to be withdrawn. This locking action is intended to prevent accidental disconnection of the circuit by pulling the plug straight out unintentionally.

### Grounding

Originally, residential electrical circuitry was “2-pole, 2-wire” and did not have an equipment grounding means at the receptacle. The only grounding point was at the service entrance, where the neutral (white) conductor was grounded. The receptacle slot for the neutral wire, according to NEMA configuration 1-15R, must be longer than the slot for the phase or hot wire (typically black or red). This enables certain items of equipment, like TV sets and home appliances, to have their external metal parts or casing grounded through the white neutral connection. Such equipment uses a polarized plug where the neutral plug blade is wider than the hot plug blade, ensuring that it mates properly with the NEMA 1-15R configuration receptacle. Receptacles designed for 2-pole, 2-wire circuits do not have mounting straps that are connected to a grounding terminal. Leviton still offers 2-pole, 2-wire receptacles for replacement use only in existing non-grounding systems.

Experience proved that a single grounding point through the neutral conductor was not sufficiently safe. Conditions could occur where fault currents and differences in potential lead to shocks, overheating, equipment burnout and fire. Therefore, the 2-pole, 3-wire circuit was developed. A third conductor, called the grounding conductor, does not carry current during normal circuit operation. It is connected to the neutral bus bar at the service entrance and runs along with the current-carrying neutral and hot conductors. The grounding conductor is connected only to outlet boxes, chassis and other non-current carrying components that may carry current in case of damage or defects in the wiring system. It is sometimes referred to as the “equipment grounding conductor.”

The grounding contacts on the 2-pole, 3-wire receptacles are most commonly shaped like a “U”, which is how the term “U-ground” evolved. The grounding contacts on these receptacles are securely fastened to the mounting strap. In Leviton receptacles, the grounding contacts are permanently riveted to the mounting strap, and in most Leviton Hospital Grade and Industrial Grade receptacles they are an integral part of the strap. Many Leviton receptacles offer dual ground connection options to help ensure that the receptacle is properly connected to the grounding system: An integral green grounding screw for direct connection to the green or bare grounding wire, and a patented Groundamatic® self-grounding clip riveted to the strap to provide automatic ground connection when the receptacle is mounted in a properly grounded metal wallbox.

### Isolated-Ground Receptacles

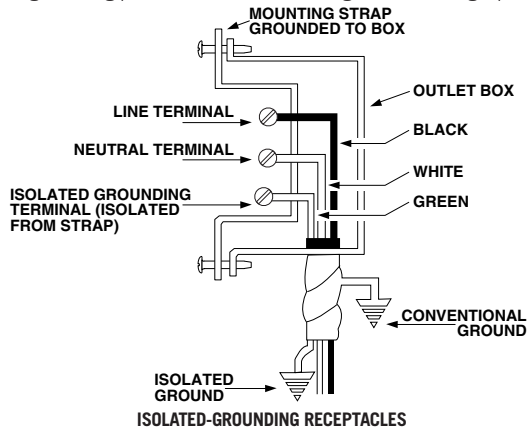
Although the conventional grounding system provides safety for personnel and equipment, it may be a source of electrical interference that can cause problems in modern electronic equipment. Because the conventional grounding network runs through an entire facility, it can unintentionally function as a pick-up of transient electrical signals or “noise.”



## TECHNICAL INFORMATION

These transient signals will then be introduced to equipment through the ground connection. Microprocessor-based equipment, including computers, cash registers, medical equipment and audio/video equipment, may malfunction as a result of this noise.

Isolated-Grounding Receptacles can help eliminate problems caused by electrical interference in a conventional ground system. The ground contacts on Isolated-Ground Receptacles are electrically isolated from the mounting strap and therefore they are isolated from the conventional ground system. The green ground screw is connected to a pure ground path that is separate from a facility's grounding network. The isolated ground network is relatively free of electrical noise because it is not a facility-wide grounding path and it's connected to ground at a single point.



### Mounting Straps

There are basically two kinds of mounting straps for receptacles. The "through" type passes between the receptacle body and cover. The "wrap-around" type acts as a cradle for the receptacle, surrounding its side, ends and bottom surfaces.

### Power Contact Design

The "contact" does more than make contact with the plug blade — it must grip the plug blade for maximum electrical conductivity and mechanical strength. Leviton receptacles feature double-wipe contacts that grip both sides of each blade, including the U-ground contacts that are often single-wipe in receptacles made by other manufacturers. Leviton Hospital Grade and Industrial Grade receptacles feature triple-wipe contacts for added strength and durability in high-abuse applications. Leviton contacts are made of the copper alloys that offer maximum strength and electrical conductivity.

### Wiring of Leviton Receptacles



**Side Wiring**  
Loop wire around terminal screw. Screw head locks wire against terminal. For copper or copper/clad aluminum conductors.



**Quickwire™ Connection**  
Insert wire into wire well. Wire is automatically clamped by spring action, insuring good electrical connection. For copper conductors only.



**Quickwire™ and Screw**  
Option of (1) side wiring or (2) Quickwire connection. NOTE: For continuous wiring, both sets of terminals (screw and Quickwire) can be used together.



**Back & Side Wiring**  
Option of (1) side wiring or (2) back wiring: Insert wire into well. Tighten screw, thus clamping wire against terminal. Back wiring for copper or copper/clad aluminum conductors.



**Two-Circuit Conversion**  
To power each outlet of a duplex receptacle separately, simply break off the tab between the two terminals.

## Ground Fault Circuit Interrupters (GFCI's)

### The Need for Ground Fault Protection

Circuit breakers and fuses protect equipment and building structures from overheating and fire caused by short circuits and high-current overloads. However, the current level needed to trip a breaker is many times greater than the amount of current needed to deliver a powerful, and possibly lethal electrical shock. For example, the hot conductor in an electrical device can become exposed through a break in its insulation, and it may end up touching the device's metal enclosure. The leakage current that now flows through the metal enclosure will be conducted to ground through any available path — including the body of a human being that happens to touch the faulty device. This condition is called a Ground Fault, and the current flowing through the person to ground can be life threatening, though there is usually nowhere near enough current to trip a circuit breaker.

### How a GFCI Works

When there is a ground fault condition, all of the current flowing through the "hot" conductor is not returning through the neutral conductor. A Ground Fault Circuit Interrupter (GFCI) monitors the difference in current flow between hot and neutral conductors. If the GFCI senses even a very tiny difference in current flow between the conductors (a ground fault), it interrupts the flow of electrical current through the device by opening its internal double-pole contacts. According to UL Standard 943 Class A, the GFCI must trip when there is a ground fault of 5 millamps ( $\pm 1\text{mA}$ ). The GFCI must also trip within approximately 25 milliseconds.

GFCI receptacles are rated for 15 or 20 amp circuits. They are used in place of standard box-mounted duplex receptacles. GFCI receptacles can also be feed-through wired to provide ground fault protection to feed-through wired receptacles downstream. Leviton GFCI receptacles feature back and side wire options for maximum wiring versatility, with eight back-wire holes for ease of feed-through wiring.

**See Section H for information on Leviton's comprehensive line of Ground Fault Circuit Interrupter Devices.**

### UL 2003 Code Requirements

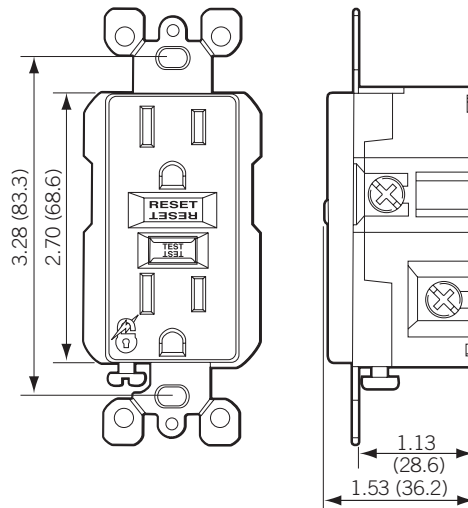
UL issued GFCI requirements, effective January 1, 2003, which include the following provisions:

- Increased surge immunity
- Increased corrosion resistance
- Increased resistance to electrical noise (false tripping)
- Diagnostic indication for miswiring (line/load reversal)

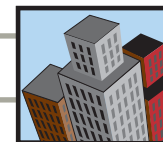
**Note that the National Electrical Code strongly recommends monthly testing of all GFCIs.**

### Leviton SmartLock® GFCI with Lockout Action

The TEST and RESET functions on Leviton's SmartLock GFCI work together so that a tripped GFCI cannot be reset if the GFCI circuit is no longer providing ground fault protection. The RESET button is blocked if GFCI protection has been compromised, eliminating the possibility of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not.



SmartLock™ GFCI RECEPTACLE  
8599 Series



## Enclosure Type Designations

Enclosures serve the dual purpose of protecting personnel from incidental contact with the enclosed electrical equipment and protecting the enclosed equipment against specified environmental conditions. Enclosures are rated for use in specific environmental conditions by NEMA, UL, CSA and the IEC. The major rating systems used are the NEMA Type Numbers and the IEC Enclosure Classification Designation.

### The IEC Enclosure Classification Designation — IP Suitability Ratings

The IP Suitability Ratings are a system for classifying the degree of protection provided by enclosures of electrical equipment. The higher the number in the rating, the greater the degree of protection provided by the enclosure. Note that the rating will ONLY apply to properly installed equipment. The chart below defines the numerals in the IP Code.

1. The First Numeral indicates the degree of protection for persons against access to hazardous parts inside the enclosure and/or against the ingress of solid foreign objects
2. The Second Numeral indicates the degree of protection of equipment inside enclosures against damage from the ingress of water.

### Elements of the IP Code

Meaning for the Protection of Equipment		
Code Letters	First Number	Second Number
<b>Ingress Protection</b>	<b>Against Ingress of Solid Foreign Objects</b>	<b>Against Ingress of Water with Harmful Effects</b>
IP	0 – Non protected	0 – Non protected
	1 – ≥ 50 mm diameter	1 – Vertically dripping
	2 – ≥ 12.5 mm diameter	2 – Dripping (15 °tilted)
	3 – ≥ 2.5 mm diameter	3 – Spraying
	4 – ≥ 1.0 mm	4 – Splashing
	5 – Dust-protected	5 – Jetting
	6 – Dust-tight	6 – Power jetting
		7 – Temporary immersion
	8 – Continuous immersion	

**Note:** > denotes greater than or equal to.

**Example:** IP 54 Suitability Rating = Ingress Protection/Dust-protected/Splashing

## Enclosure Types for Non-Hazardous Locations

### NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

NEMA Standards Publication No. 250-1991  
Enclosures for Electrical Equipment (1000 Volts max.)

Type Designation	Intended Use and Description
	An enclosure is a surrounding case constructed to provide a degree of protection to personnel against incidental contact with the enclosed equipment and to provide a degree of protection to enclosed equipment against the specified environmental conditions.
<b>Type 1</b>	Enclosures are intended for indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
<b>Type 2</b>	Enclosures are intended for indoor use primarily to provide a degree of protection against limited amounts of falling water or dirt.
<b>Type 3</b>	Enclosures are intended for outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust, and damage from external ice formation.

### UNDERWRITERS LABORATORIES INC.

UL50  
Standard for Enclosures for Electrical Equipment (10th Edition)

Type Designation	Intended Use and Description
	Enclosure — A surrounding case constructed to provide a degree of protection against incidental contact with the enclosed equipment and to provide a degree of protection to the enclosed equipment against specified environmental conditions.  A complete enclosure shall be provided for all live parts that may be housed in it. The enclosure shall be tight and, unless designed for a specific installation, such as a cast metal junction or pull box intended to be installed in poured concrete, shall be provided with means for mounting.
<b>Type 1</b>	Indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
<b>Type 2</b>	Indoor use primarily to provide a degree of protection against limited amounts of falling water or dirt.
<b>Type 3</b>	Outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust and damage from external ice formation.

### CANADIAN STANDARDS ASSOCIATION

CAN/CSA C22.2 No. 94-M91  
Special Purposes Enclosures

Type Designation	Intended Use and Description
	Enclosures — provide a degree of protection against accidental contact with the enclosed equipment, and to the enclosed equipment against specified environmental conditions.
	No CSA equivalent.
<b>Type 2</b>	An enclosure for indoor use, constructed so as to provide a degree of protection against dripping and light splashing of non-corrosive liquids, and falling dirt.
<b>Type 3</b>	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain and snow, undamaged by the external formation of ice on the enclosures.



## TECHNICAL INFORMATION

### Enclosure Types for Non-Hazardous Locations

#### NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

NEMA Standards Publication No. 250-1991  
Enclosures for Electrical Equipment (1000 Volts max.)

Type Designation	Intended Use and Description
<b>Type 3R</b>	Enclosures are intended for outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
<b>Type 3S</b>	Enclosures are intended for outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust, and to provide for operation of external mechanisms when ice laden.
<b>Type 4</b>	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
<b>Type 4X</b>	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose directed water, and damage from external ice formation.
<b>Type 5</b>	Enclosures are intended for indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping noncorrosive liquids.
<b>Type 6</b>	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during occasional temporary submersion at a limited depth, and damage from external ice formation.
<b>Type 6P</b>	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth, and damage from external ice formation.
<b>Type 12</b>	Enclosures are intended for indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
<b>Type 12K</b>	Enclosures with knockouts are intended for indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
<b>Type 13</b>	Enclosures are intended for indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and noncorrosive coolants.

#### UNDERWRITERS LABORATORIES INC.

UL50  
Standard for Enclosures for Electrical Equipment  
(10th Edition)

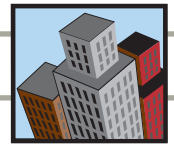
Type Designation	Intended Use and Description
<b>Type 3R</b>	Outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
<b>Type 3S</b>	Outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust, and to provide for operation of external mechanisms when ice laden.
<b>Type 4</b>	Indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
<b>Type 4X</b>	Indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water and damage from external ice formation.
<b>Type 5</b>	Indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping noncorrosive liquids.
<b>Type 6</b>	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during occasional temporary submersion at a limited depth, and damage from external ice formation.
<b>Type 6P</b>	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth, and damage from external ice formation.
<b>Type 12</b>	Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
<b>Type 12K</b>	Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
<b>Type 13</b>	Indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and noncorrosive coolant.

#### CANADIAN STANDARDS ASSOCIATION

CAN/ CSA C22.2 No. 94-M91  
Special Purposes Enclosures

Type Designation	Intended Use and Description
<b>Type 3R</b>	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain and snow, undamaged by the external formation of ice on the enclosure.
<b>Type 3S</b>	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain, snow and windblown dust, the external mechanism(s) remain operable while ice covered.
<b>Type 4</b>	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain, snow, windblown dust, splashing and hose-directed water; undamaged by the external formation of ice on the enclosure.
<b>Type 4X</b>	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain, snow, windblown dust, splashing and hose-directed water; undamaged by the external formation of ice on the enclosure.
<b>Type 5</b>	An enclosure for indoor use, constructed so as to provide a degree of protection against dripping and light splashing of noncorrosive liquids and settling dust, lint, fibers, and flyings.
<b>Type 6</b>	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against the entry of water during occasional temporary submersion at a limited depth; undamaged by the external formation of ice on the enclosure.
<b>Type 6P</b>	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against the entry of water during prolonged submersion at a limited depth; undamaged by the external formation of ice on the enclosure; resists extended corrosion.
<b>Type 12</b>	An enclosure for indoor use, constructed so as to provide a degree of protection against circulating dust, lint, fibers, and flyings; dripping and light splashing of noncorrosive liquids; not provided with knockouts.
<b>Type 12K</b>	An enclosure for indoor use, constructed so as to provide a degree of protection against circulating dust, lint, fibers, and flyings; dripping and light splashing of noncorrosive liquids; and provided with knockouts.
<b>Type 13</b>	An enclosure for indoor use, constructed so as to provide a degree of protection against circulating dust, lint, fibers, and flyings; seepage and spraying of noncorrosive liquids including oils and coolants.





## NEMA and IEC Enclosure Classifications

### Comparing NEMA Enclosure Type Numbers and IEC Enclosure Classification Designations (IP Suitability Rating)

#### IEC

IEC Publication 529, "Classification of Degrees of Protection Provided by Enclosures", defines the IP (Ingress Protection) Suitability Rating. The IP Suitability Rating is a system for classifying the degree of protection provided by enclosures of electrical equipment. The higher the number in the rating, the greater the degree of protection provided by the enclosure. The first numeral of the code indicates the degree of protection for persons against access to hazardous parts inside the enclosure and/or against the ingress of solid foreign objects. The second numeral indicates the degree of protection of equipment inside enclosures against damage from the ingress of water. For a more detailed explanation of the IP Suitability Code, refer to page U-12.

The IP Suitability Rating defined by IEC 529 does not specify any degree of protection against mechanical damage of equipment, risk of explosions, or conditions such as moisture (i.e. condensation), corrosive vapors, fungus, or vermin.

#### NEMA

NEMA Standards Publication 250 defines the NEMA Enclosure Type Numbers. Unlike the IEC Enclosure Classification Designations, NEMA Standards Publication 250 does tests for environmental condition such as corrosion, rust, icing, oil and coolants. For this reason and because the tests and evaluations for other characteristics are not identical, the IEC Enclosure Classification Designations cannot be exactly equated with NEMA Enclosure Type Numbers.

The table below provides an equivalent conversion from NEMA Enclosure Type Numbers to IEC Enclosure Classification Designations. Note that the NEMA Types meet or exceed the test requirements for the associated IEC Classifications. Therefore, this table cannot be used to convert from IEC Classifications to NEMA Types.

### Converting NEMA Type Numbers to IEC Classification Designations

(Note: This table cannot be used to convert IEC classification designations to NEMA type numbers)

NEMA Enclosure Type Number	Equivalent IEC Enclosure Classification Designation
1	IP10
2	IP11
3	IP54
3R	IP14
3S	IP54
4 and 4X	IP56
5	IP52
6 and 6P	IP67
12 and 12K	IP52
13	IP54

### Materials Used in Wiring Devices

The following is an overview of the materials commonly used in wiring devices. Note that specific brand names of materials used in Leviton devices are subject to change due to a variety of factors. These changes will never compromise the quality, performance and durability features of our wiring devices. Leviton is committed to maintaining the positive qualities of the materials being replaced and choosing new materials with superior qualities as they become available.

#### Brass

The type of brass commonly used in wiring devices is referred to as standard or "70/30" brass. It is an alloy of 70% copper and 30% zinc that provides the strength and conductivity needed for power and ground contacts, wiring terminals and terminal screws. It is also used for some mounting straps and wallplates.

The Olin Corporation offers a series of alloys sometimes referred to as

High Performance Brass or "Olin Brass." Olin brass is a copper alloy consisting of more than 90% copper. It is more resilient than 70/30 brass and used by Leviton to form the power contacts in some Industrial Grade and Hospital Grade devices.

#### Phosphor Bronze

Phosphor Bronze, an alloy of copper and tin, is superior in strength to 70/30 brass. The advantage of using phosphor bronze parts is that they can be thinner than comparable parts made of standard brass without any loss in strength. For example, Leviton uses a phosphor bronze alloy of 95% copper and 5% tin to form power contacts in some Industrial Grade receptacles. Phosphor bronze power contacts at .031" outperform brass power contacts of a thicker gauge.

#### Beryllium Copper

An alloy of copper and .5% beryllium is used to form some of the components in Leviton Industrial Grade devices. Beryllium Copper provides excellent strength, durability, electrical conductivity. It also retains its resiliency at elevated temperatures. These properties make Beryllium Copper ideal for the contact arm in heavy-duty switches.

#### Silver-Cadmium Oxide

Although pure silver is an excellent conductor (superior to copper), it cannot be used for switch contacts. Over time, arcing caused by actuation would weld the silver contacts together. Silver-cadmium oxide, an alloy of 90% silver and 10% cadmium oxide, is widely used by Leviton to form switch contacts. Microscopic particles of cadmium oxide in the silver will decompose due to the heat buildup, preventing the contacts from welding together.

#### Zinc-Plated Steel

In addition to being strong and durable, zinc-plated steel provides a higher degree of corrosion resistance than standard cold-rolled steel. Leviton uses zinc-plated steel mounting straps in many of their devices. Leviton also offers zinc-plated steel wallplates for power receptacles, available with either a brass or aluminum finish.

#### Nickel-Plated Metals

Nickel-plating adds a high degree of corrosion resistance to either brass or steel. All the metal parts in Leviton Corrosion Resistant devices (blades, contacts, terminals, mounting straps and screws) are nickel-plated for maximum corrosion resistance. In some cases, cupronickel screws are used, which provide a high degree of corrosion resistance.

Leviton uses an electroless nickel-plating process. The standard plating process uses an electrical charge to coat the metal with nickel. This can produce uneven results, leaving some areas of the metal more coated than others. The more effective electroless process involves submerging the metal in a chemical bath where salts decompose and deposit nickel on the metal substrate. Every surface of the metal is evenly coated. Leviton uses this electroless process to ensure that their Corrosion Resistant wiring devices provide maximum performance in extremely damp and corrosive environments.

#### Stainless Steel

##### Type 430 Standard Stainless Steel

Type 430 stainless steel is resistant to the corrosive effects of moisture. Leviton offers a wide selection of wallplates made from this material. Leviton's Raintight-While-In-Use Covers are supplied with stainless-steel mounting screws to help ensure a long service life in wet applications. Note that Type 430 Stainless Steel does have magnetic properties that may interfere with magnetic-sensitive equipment.

##### Type 302/304 Non-Magnetic Stainless Steel

Type 302/304 Non-Magnetic Stainless Steel is suitable for applications where sensitive equipment may be affected by magnetic material. For example, navigational equipment in marine applications and MRI equipment in health care environments are susceptible to magnetic interference. In addition to being non-magnetic, Type 302/304 stainless Steel is more corrosion resistant than Type 430 stainless steel. Types 302 and 304 differ in composition, but there is virtually no difference between them in terms of non-magnetic and corrosion-resistant properties.





## TECHNICAL INFORMATION

Leviton offers a complete selection of wallplates made of Type 302/304 Non-Magnetic Stainless Steel. These wallplates are ideal for any application where magnetic interference must be avoided. Leviton's Corrosion Resistant wiring devices feature non-magnetic stainless steel assembly screws to ensure their suitability in marine applications. For health care applications where non-magnetic devices are desired, Leviton's Corrosion Resistant devices should also be used.

### CO/ALR Devices

Aluminum is used for residential wiring in Europe because it is a good conductor and considerably cheaper than copper. Houses with aluminum wiring were built in the United States, but the practice stopped at least twenty years ago. It was discovered that poor connections between aluminum wire and steel or brass terminal screws led to serious fires. There are still homes with aluminum wiring, and the National Electrical Code stipulates that only CO/ALR devices are to be used in these applications.

Aluminum wire tends to oxidize over time, and the oxide layer does not conduct electricity. This results in a poor connection with the wiring device terminal screws, particularly if they are steel. The connections gradually heat up to the point where fires are started inside the walls. For this reason, all standard wiring devices contain the warning, "For use with copper or copper-clad wire ONLY. Do not use with aluminum wire." The only exception to this are CO/ALR wiring devices.

Leviton offers a selection of CO/ALR devices for use with aluminum wire. In CO/ALR devices, the terminal screws are plating with the element Indium. Indium is an extremely soft metal that forms a gas-sealed connection with the aluminum wire, eliminating problems caused by oxidation.

### Thermoset and Thermoplastic Material

There are significant benefits in using thermoplastics in wiring devices instead of thermosets. Each type of thermoplastic also has particular characteristics that may make it ideally suited for a specific application.

### Thermosets

Thermoset components are manufactured by compression molding, where powdered material is molded by heat and pressure. Thermoset materials cannot be remolded. The major types of thermoset materials are Phenolic, Urea and Melamine. Phenolic is primarily used for dark colors, while Urea is used for lighter colors.

All thermoset materials provide dimensional stability when used in wiring devices. Phenolic is also a flame-resistant material. Thermosets do not provide a high degree of resistance to impacts, chemicals and solvents, and therefore they are not suitable for heavy-duty applications. Thermosets are not used in Leviton Industrial Grade devices. Urea is still widely used to manufacture wallplates.

### Thermoplastics

Thermoplastic components are manufactured by injection molding where pellets of the material are heated to a liquid which can flow into a mold. Unlike thermosets, thermoplastics can be remolded. These materials are the preferred choice for heavy-duty applications because they provide superior resistance to impacts, chemicals and solvents compared to thermosets. The following is a list of the major types of thermoplastic materials, along with some well-known brand names.

- Nylon: Zytel® 101 Type 66 and Zytel Supertough ST 801 Type66
- Polycarbonate: Lexan®, Calibre®, Makrolon®
- Polyester: Valox®, Rynite®
- ABS
- Acrylic
- Polypropylene

Zytel® and Rynite® are registered trademarks of the Dupont Co. Lexan® and Valox® are registered trademarks of the General Electric Co. Calibre® is a registered trademark of the Dow Chemical Co. Makrolon® is a registered trademark of Bayer, Inc.

## Chemical Resistance of Materials Commonly Used in Wiring Devices\*

CHEMICALS	Nylon	Melamine	Phenolic	Urea	Polyvinyl Chloride	Poly-carbonate	Rubber	Polyester	Poly-propylene
Acids	C	B	B	B	A	B	B	A	A
Alcohol	A	A	A	A	A	A	B	A	A
Caustic Bases	A	B	B	B	A	C	C	B	A
Gasoline	A	B	A	C	A	B	B	A	A
Grease	A	A	A	A	A	B	B	A	A
Kerosene	A	A	A	A	A	B	A	A	A
Oil	A	A	A	A	A	B	A	A	A
Solvents	A	A	A	A	C	C	C	B	B
Water	A	A	A	A	A	A	B	A	A

- A** – Completely resistant — Good to excellent for general use.  
**B** – Resistance is fair to good — Recommended for limited service.  
**C** – Slow attack. No recommended for use.

### Thermoplastic Enhancements

#### UV Stability

Thermoplastics provide varying degrees of UV (Ultraviolet Light) stability. For example, standard grade nylon will lose tensile strength and durability when exposed to sunlight and weathering. Discoloring will also occur. There are additives that will increase the UV stability of thermoplastics. UV Stabilized thermoplastics should be used when a device is intended for extensive outdoor use. For example, Leviton uses UV-stabilized Lexan in their Raintight-While-In-Use Cover, with excellent results.

#### Glass-Reinforced Thermoplastics

Several types of thermoplastics are available in glass-reinforced versions, including Rynite®, Lexan®, Valox® and nylon. Glass reinforcement increases the rigidity of the material and also raises the operating temperature. For example, Leviton Momentary and Maintained Contact Switches feature glass-reinforced thermoplastic construction, making these switches ideally suited for rugged applications.



## ANSI Architectural Symbols

### 1. LIGHTING OUTLETS

	Ceiling	Wall
1.1 Surface or Pendant Incandescent, Mercury-Vapor, or Similar Lamp Fixture		
1.2 Recessed Incandescent, Mercury-Vapor, or Similar Lamp Fixture		
1.3 Surface or Pendant Individual Fluorescent Fixture		
1.4 Recessed Individual Fluorescent Fixture		
1.5 Surface or Pendant Continuous Row Fluorescent Fixture		
1.6 Recessed Continuous Row Fluorescent Fixture		
1.7 Bare-Lamp Fluorescent Strip		
1.8 Surface or Pendant Exit Light		
1.9 Recessed Exit Light		
1.10 Blanket Outlet		
1.11 Junction Box		
1.12 Outlet Controlled by Low-Voltage Switching when Relay is Installed in Outlet Box		

### 2. RECEPTACLE OUTLETS

	Grounded	Ungrounded
2.1 Single Receptacle Outlet		
2.2 Duplex Receptacle Outlet		
2.3 Triplex Receptacle Outlet		
2.4 Quadruplex Receptacle Outlet		
2.5 Duplex Receptacle Outlet — Split Wired		
2.6 Triplex Receptacle Outlet — Split Wired		
2.7 Single Special-Purpose Receptacle Outlet		
2.8 Duplex Special-Purpose Receptacle Outlet		
2.9 Range Outlet (typical)		

	Grounded	Ungrounded
2.10 Special Purpose Connection or Provision for Connection		
2.11 Multi-outlet assembly		
2.12 Clock Hanger Receptacle		
2.13 Fan Hanger Receptacle		
2.14 Floor Single Receptacle Outlet		
2.15 Floor Duplex Receptacle Outlet		
2.16 Floor Special-Purpose Outlet		

### 3. SWITCH OUTLETS

3.1 Single-Pole Switch	<b>S</b>
3.2 Double-Pole Switch	<b>S2</b>
3.3 Three-Way Switch	<b>S3</b>
3.4 Four-Way Switch	<b>S4</b>
3.5 Key-Operated Switch	<b>SK</b>
3.6 Switch and Pilot Lamp	<b>SP</b>
3.7 Switch for Low-Voltage switching System	<b>SL</b>
3.8 Maser Switch for Low-Voltage Switching System	<b>SLM</b>
3.9 Switch and Single Receptacle	
3.10 Switch and Double Receptacle	
3.11 Door Switch	<b>SD</b>
3.12 Time Switch	<b>ST</b>
3.13 Circuit Breaker Switch	<b>SCB</b>
3.14 Momentary Contact Switch or Pushbutton for Other Than Signaling System	<b>SMC</b>
3.15 Ceiling Pull Switch	

### 4. RESIDENTIAL OCCUPANCIES

4.1 Pushbutton	
4.2 Buzzer	
4.3 Bell	
4.4 Combination Bell-Buzzer	
4.5 Chime	
4.6 Annunciator	



# TECHNICAL INFORMATION

## NEMA Straight Blade Configurations

### NEMA CONFIGURATIONS FOR GENERAL-PURPOSE NONLOCKING PLUGS AND RECEPTACLES

WIRING / VOLTAGE		15 AMPERE		20 AMPERE		30 AMPERE		50 AMPERE		60 AMPERE		
		RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	
2-POLE 2-WIRE	125V	1	1-15R	1-15P								
	250V	2		2-15P	2-20R	2-20P	2-30R	2-30P				
	277V AC	3										
	600V	4										
2-POLE 3-WIRE GROUNDING	125V	5	5-15R	5-15P	5-20R	5-20P	5-30R	5-30P	5-50R	5-50P		
	250V	6	6-15R	6-15P	6-20R	6-20P	6-30R	6-30P	6-50R	6-50P		
	277V AC	7	7-15R	7-15P	7-20R	7-20P	7-30R	7-30P	7-50R	7-50P		
	347V AC	24	24-15R	24-15P	24-20R	24-20P	24-30R	24-30P	24-50R	24-50P		
	480V AC	8										
	600V	9										
3-POLE 3-WIRE	125/250V	10			10-20R	10-20P	10-30R	10-30P	10-50R	10-50P		
	3Ø 250V	11	11-15R	11-15P	11-20R	11-20P	11-30R	11-30P	11-50R	11-50P		
	3Ø 480V	12										
	3Ø 600V	13										
3-POLE 4-WIRE GROUNDING	125/250V	14	14-15R	14-15P	14-20R	14-20P	14-30R	14-30P	14-50R	14-50P	14-60R	14-60P
	3Ø 250V	15	15-15R	15-15P	15-20R	15-20P	15-30R	15-30P	15-50R	15-50P	15-60R	15-60P
	3Ø 480V	16										
	3Ø 600V	17										
4-POLE 4-WIRE	3ØY 120/208V	18	18-15R	18-15P	18-20R	18-20P	18-30R	18-30P	18-50R	18-50P	18-60R	18-60P
	3ØY 277/480V	19										
	3ØY 347/600V	20										
4-POLE 5-WIRE GROUNDING	3ØY 120/208V	21										
	3ØY 277/480V	22										
	3ØY 347/600V	23										



## NEMA Locking Configurations

### NEMA CONFIGURATIONS FOR LOCKING TYPE PLUGS AND RECEPTACLES

WIRING / VOLTAGE			15 AMPERE		20 AMPERE		30 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-POLE 2-WIRE	125V	L1	L1-15R	L1-15P				
	250V	L2			L2-20R	L2-20P		
	277V AC	L3			RESERVED FOR FUTURE CONFIGURATIONS			
	600V	L4			RESERVED FOR FUTURE CONFIGURATIONS			
2-POLE 3-WIRE GROUNDING	125V	L5	L5-15R	L5-15P	L5-20R	L5-20P	L5-30R	L5-30P
	250V	L6	L6-15R	L6-15P	L6-20R	L6-20P	L6-30R	L6-30P
	277V AC	L7	L7-15R	L7-15P	L7-20R	L7-20P	L7-30R	L7-30P
	347V AC	L24			L24-20R	L24-20P		
	480V AC	L8			L8-20R	L8-20P	L8-30R	L8-30P
	600V AC	L9			L9-20R	L9-20P	L9-30R	L9-30P
3-POLE 3-WIRE	125/250V	L10			L10-20R	L10-20P	L10-30R	L10-30P
	3Ø 250V	L11	L11-15R	L11-15P	L11-20R	L11-20P	L11-30R	L11-30P
	3Ø 480V	L12			L12-20R	L12-20P	L12-30R	L12-30P
	3Ø 600V	L13					L13-30R	L13-30P
3-POLE 4-WIRE GROUNDING	125/250V	L14			L14-20R	L14-20P	L14-30R	L14-30P
	3Ø 250V	L15			L15-20R	L15-20P	L15-30R	L15-30P
	3Ø 480V	L16			L16-20R	L16-20P	L16-30R	L16-30P
	3Ø 600V	L17					L17-30R	L17-30P
4-POLE 4-WIRE	3ØY 120/208V	L18			L18-20R	L18-20P	L18-30R	L18-30P
	3ØY 277/480V	L19			L19-20R	L19-20P	L19-30R	L19-30P
	3ØY 347/600V	L20			L20-20R	L20-20P	L20-30R	L20-30P
4-POLE 5-WIRE GROUNDING	3ØY 120/208V	L21			L21-20R	L21-20P	L21-30R	L21-30P
	3ØY 277/480V	L22			L22-20R	L22-20P	L22-30R	L22-30P
	3ØY 347/600V	L23			L23-20R	L23-20P	L23-30R	L23-30P



## TECHNICAL INFORMATION

### Horsepower Ratings for NEMA Configurations — for Plugs and Receptacles Only

#### STRAIGHT BLADE CONFIGURATIONS

NEMA	AC HP Rating	Rating
1-15	0.5	15A-125V
2-15	1.5*	15A-250V
2-20	2*	20A-250V
2-30	2*	30A-250V
5-15	0.5	15A-125V
5-20	1	20A-125V
5-30	2	30A-125V
5-50	2	50A-125V
6-15	1.5*	15A-250V
6-20	2*	20A-250V
6-30	2*	30A-250V
6-50	3*	50A-250V
7-15	2	15A-277V AC Only
7-20	2	20A-277V AC Only
7-30	3	30A-277 V AC Only
7-50	5	50A-277V AC Only
10-20	2 L-L*/1 L-N	20A-125/250V
10-30	2 L-L*/2 L-N	30A-125/250V
10-50	3 L-L*/2 L-N	50A-125/250V
11-15	2	15A-250V 3Ø
11-20	3	20A-250V 3Ø
11-30	3	30A-250V 3Ø
11-50	7.5	50A-250V 3Ø
14-15	1.5 L-L*/0.5 L-N	15A-125/250V
14-20	2 L-L*/1 L-N	20A-125/250V
14-30	2 L-L*/2 L-N	30A-125/250V
14-50	3 L-L*/2 L-N	50A-125/250V
14-60	3 L-L*/2 L-N	60A-125/250V
15-15	2	15A-250V 3Ø
15-20	3	20A-250V 3Ø
15-30	3	30A-250V 3Ø
15-50	7.5	50A-250V 3Ø
15-60	10	60A-250V 3Ø
18-15	2	15A-120/208V 3ØY
18-20	2	20A-120/208V 3ØY
18-30	3	30A-120/208V 3ØY
18-50	7.5	50A-120/208V 3ØY
18-60	7.5	60A-120/208V 3ØY

L-L Denotes phase-to-phase HP rating

L-N Denotes phase-to-neutral HP rating

\*Suitable for 208V motor applications at HP rating

#### LOCKING CONFIGURATIONS

NEMA	AC HP Rating	Rating
L1-15	0.5	15A-125V
L2-20	2*	20A-250V
L5-15	0.5	15A-125V
L5-20	1	20A-125V
L5-30	2	30A-125V
L6-15	1.5*	15A-250V
L6-20	2*	20A-250V
L6-30	2*	30A-250V
L7-15	2	15A-277V AC Only
L7-20	2	20A-277V AC Only
L7-30	3	30A-277V AC Only
L8-20	3	20A-480V AC Only
L8-30	5	30A-480V AC Only
L9-20	NA	20A-600V AC Only
L9-30	NA	30A-600V AC Only
L10-20	2 L-L*/1 L-N	20A-125/250V
L10-30	2 L-L*/2 L-N	30A-125/250V
L11-15	2	15A-250V 3Ø
L11-20	3	20A-250V 3Ø
L11-30	3	30A-250V 3Ø
L12-20	5	20A-480V 3Ø
L12-30	10	30A-480V 3Ø
L13-30	NA	30A-600V 3Ø
L14-20	2 L-L*/1 L-N	20A-125/250V
L14-30	2 L-L*/2 L-N	30A-125/250V
L15-20	3	20A-250V 3Ø
L15-30	3	30A-250V 3Ø
L16-20	5	20A-480V 3Ø
L16-30	10	30A-480V 3Ø
L17-30	NA	30A-600V 3Ø
L18-20	2	20A-120/208V 3ØY
L18-30	3	30A-120/208V 3ØY
L19-20	5	20A-277/480V 3ØY
L19-30	10	30A-277/480V 3ØY
L20-20	NA	20A-347/600V 3ØY
L20-30	NA	30A-347/600V 3ØY
L21-20	2	20A-120/208V 3ØY
L21-30	3	30A-120/208V 3ØY
L22-20	5	20A-277/480V 3ØY
L22-30	10	30A-277/480V 3ØY
L23-20	NA	20A-347/600V 3ØY

L-L Denotes phase-to-phase HP rating

L-N Denotes phase-to-neutral HP rating

\*Suitable for 208V motor applications at HP rating

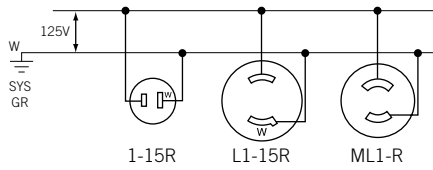




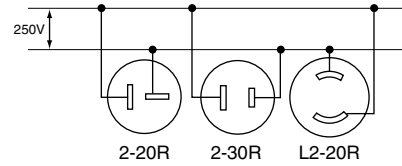
## Circuit Wiring Diagrams

### WIRING DIAGRAMS FOR NEMA CONFIGURATIONS

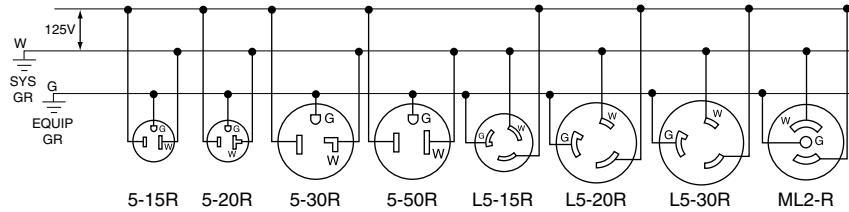
#### 125V — 2-POLE, 2-WIRE



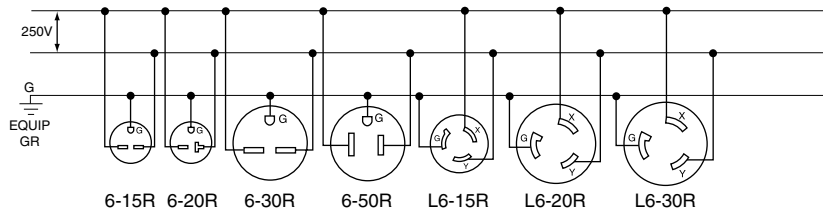
#### 250V — 2-POLE, 2-WIRE



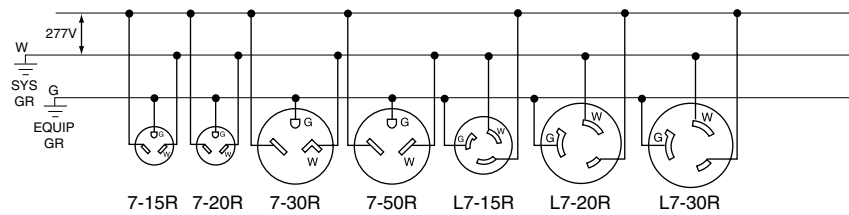
#### 125V — 2-POLE, 3-WIRE GROUNDING



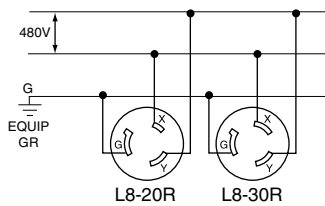
#### 250V — 2-POLE, 3-WIRE GROUNDING



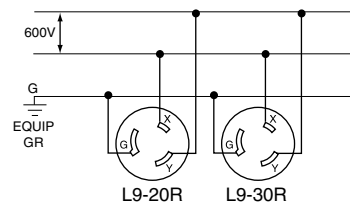
#### 277V AC — 2-POLE, 3-WIRE GROUNDING



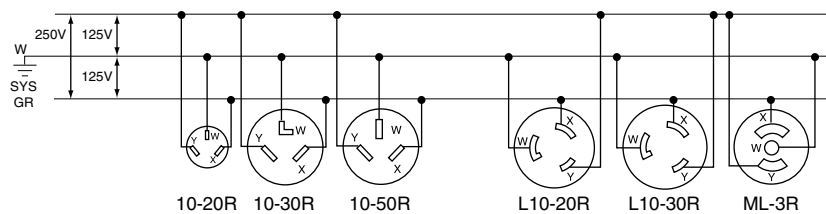
#### 480V AC — 2-POLE, 3-WIRE GROUNDING



#### 600V AC — 2-POLE, 3-WIRE GROUNDING



#### 125/250V — 3-POLE, 3-WIRE



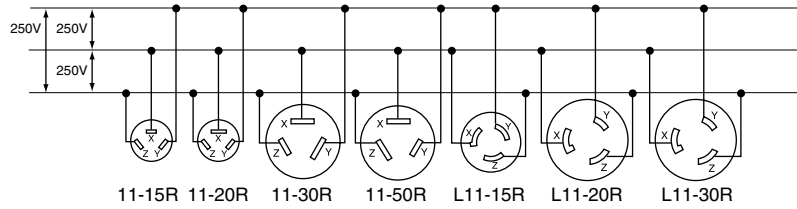


# TECHNICAL INFORMATION

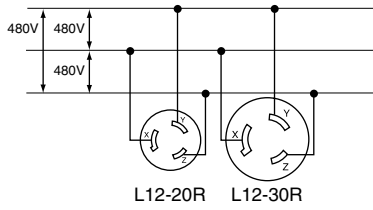
## Circuit Wiring Diagrams

### WIRING DIAGRAMS FOR NEMA CONFIGURATIONS

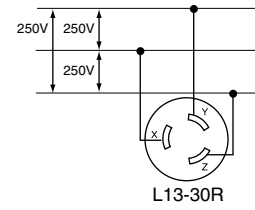
#### 3Ø 250V — 3-POLE, 3-WIRE



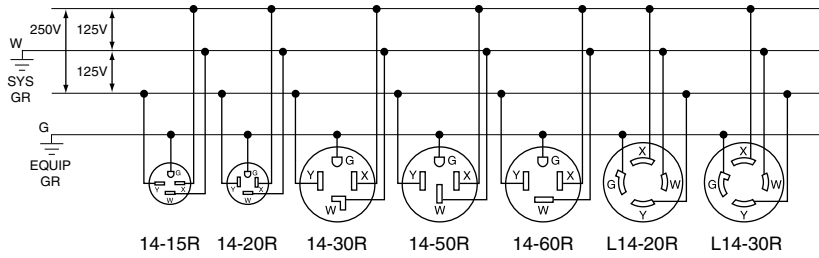
#### 3Ø 480V — 3-POLE, 3-WIRE



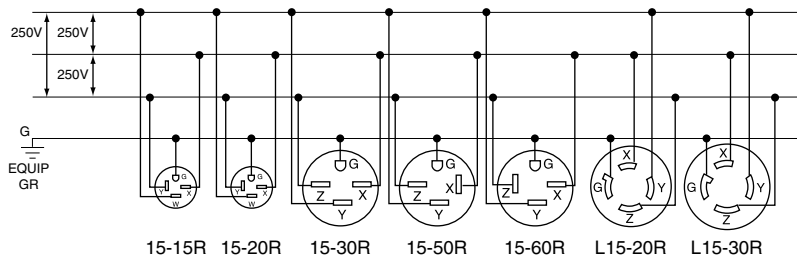
#### 3Ø 600V — 3-POLE, 3-WIRE



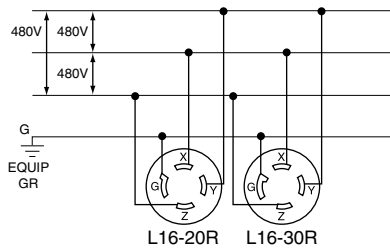
#### 125/250V — 3-POLE, 4-WIRE GROUNDING



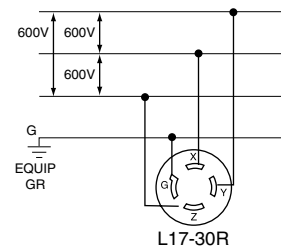
#### 3Ø 250V — 3-POLE, 4-WIRE GROUNDING



#### 3Ø 480V — 3-POLE, 4-WIRE GROUNDING



#### 3Ø 600V — 3-POLE, 4-WIRE GROUNDING

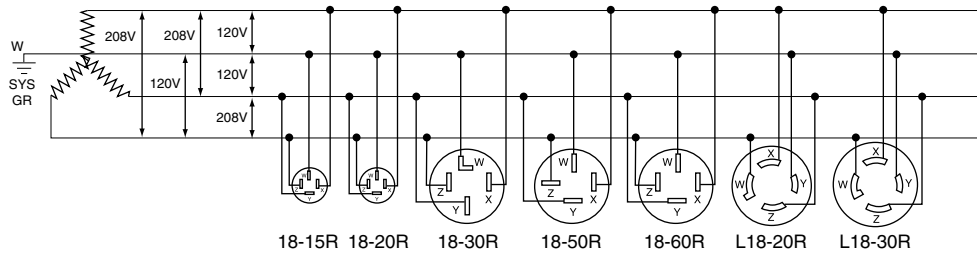




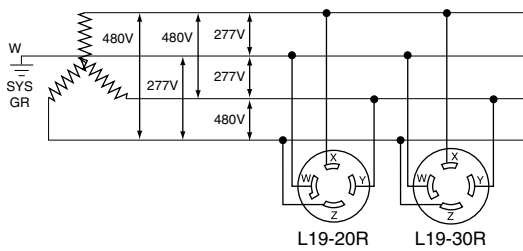
## Circuit Wiring Diagrams

### WIRING DIAGRAMS FOR NEMA CONFIGURATIONS

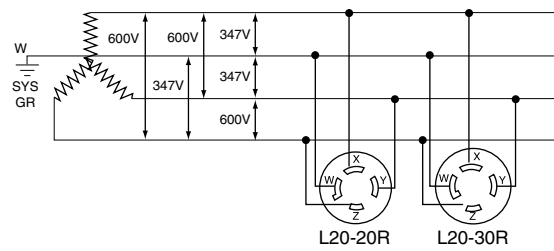
#### 3ØY 120/208V — 4-POLE, 4-WIRE



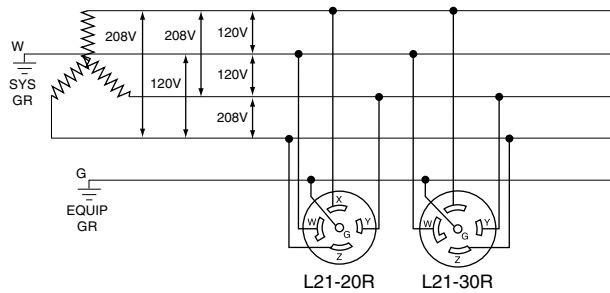
#### 3ØY 277/480V — 4-POLE, 4-WIRE



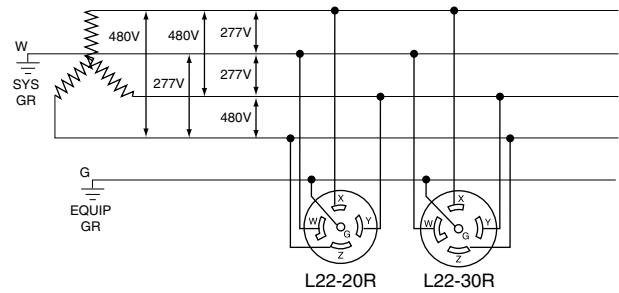
#### 3ØY 347/600V — 4-POLE, 4-WIRE



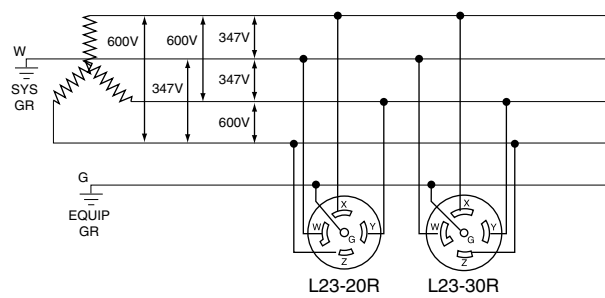
#### 3ØY 120/208V — 4-POLE, 5-WIRE GROUNDING



#### 3ØY 277/480V — 4-POLE, 5-WIRE GROUNDING



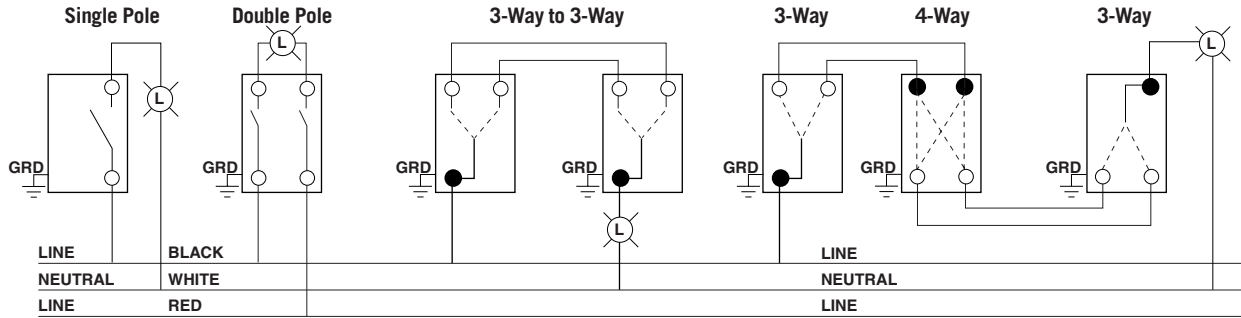
#### 3ØY 347/600V — 4-POLE, 5-WIRE GROUNDING



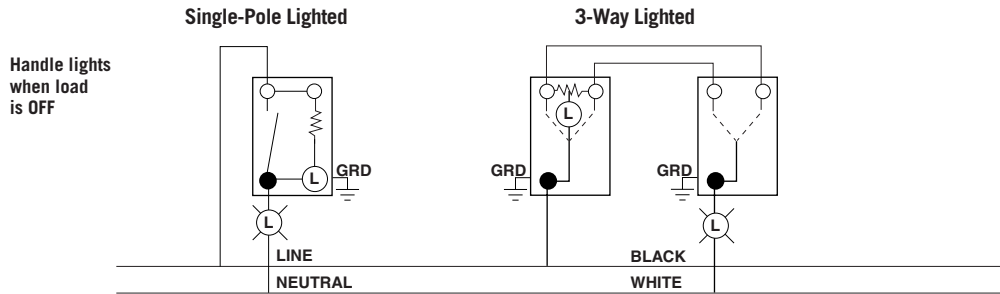


## Switch Wiring Diagrams

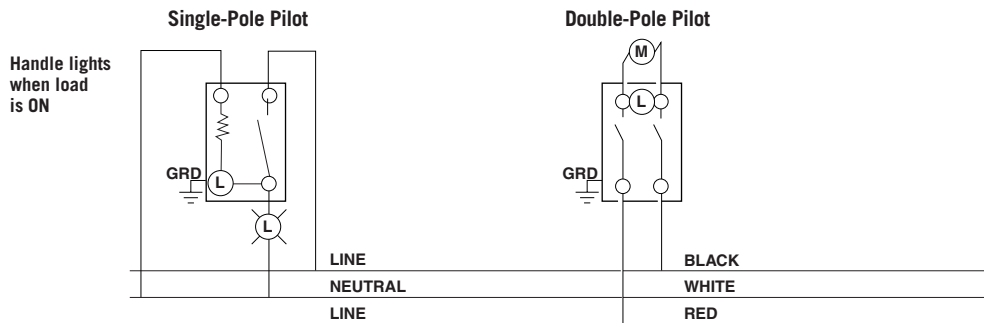
### STANDARD TOGGLE TYPE SWITCHES



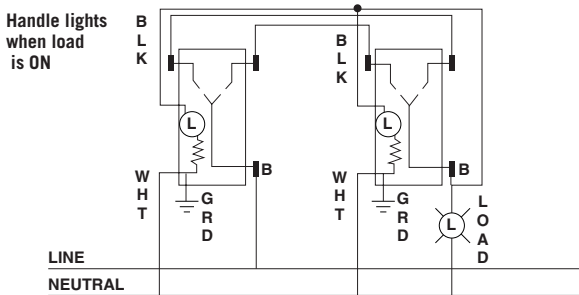
### LIGHTED HANDLE SWITCHES



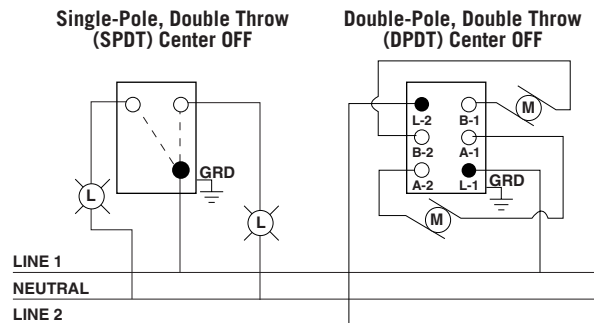
### PILOT LIGHT SWITCHES

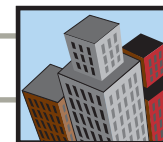


### 3-WAY PILOT SWITCHES



### 3-POSITION SWITCHES MOMENTARY AND MAINTAINED





## Diameter Ranges of Jacketed Cord in Accordance with Standard UL62

Acceptable range for overall diameter of jacketed cord indicated in inches and millimeters (in parentheses)

TYPE OF CORD	AWG SIZE	2-CONDUCTOR	3-CONDUCTOR	4-CONDUCTOR	5-CONDUCTOR
<b>SV, SVO, SVT, SVTO</b>	18	.22-.26 (5.6-6.6)	.23-.27 (5.8-6.9)	_____	_____
	<b>SJ, SJO, SJT, SJTO</b>	18	.28-.32 (7.1-8.1)	.30-.34 (7.6-8.6)	.33-.37 (8.4-9.4)
	16	.31-.34 (7.9-8.6)	.33-.36 (8.4-9.1)	35-.40 (8.9-10.2)	_____
	14	.34-.38 (8.6-9.7)	.36-.40 (9.1-10.2)	.39-.44 (9.9-11.2)	_____
	12	.41-.46 (10.4-11.7)	.43-.48 (10.9-12.2)	.47-.52 (11.9-13.2)	_____
	10	.54-.61 (13.7-15.5)	.57-.64 (14.5-16.3)	.63-.70 (16.0-17.8)	_____
<b>S, SO, ST, STO</b>	18	.34-.39 (8.6-9.9)	.36-.40 (9.1-10.2)	.39-.43 (9.9-10.9)	.46-.51 (11.7-13.0)
	16	.37-.41 ) (9.4-10.4)	.39-.43 (9.9-10.9)	.41-.46 (10.4-11.7)	.49-.55 (12.4-14.0)
	14	.50-.55	.52-.58 (12.7-14.0)	.56-.62 (13.2-14.7)	.63-.71 (14.2-15.7) (16.0-18.0)
	12	.57-.63 (14.5-16.0)	.59-.66 (15.0-16.8)	.64-.71 (16.3-18.0)	.70-.77 (17.8-19.6)
	10	.62-.69 (15.7-17.5)	.65-.72 (16.5-18.3)	.70-.78 (17.8-19.8)	.76-.84 (19.3-21.3)
	8	.78-.88 (19.8-22.4)	.83-.93 (21.1-23.6)	.93-1.05 (23.6-26.7)	1.00-1.15 (25.4-29.2)
	6	.92-1.05 (23.4-26.7)	.97-1.10 (24.6-27.9)	1.05-1.20 (26.7-30.5)	1.18-1.33 (30.0-33.8)
	4	1.06-1.21 (26.9-30.7)	1.13-1.28 (28.7-32.5)	1.25-1.45 (31.8-36.8)	_____
	2	1.21-1.40 (30.7-35.6)	1.30-1.50 (33.0-38.1)	1.45-1.65 (36.8-41.9)	_____





# TECHNICAL INFORMATION

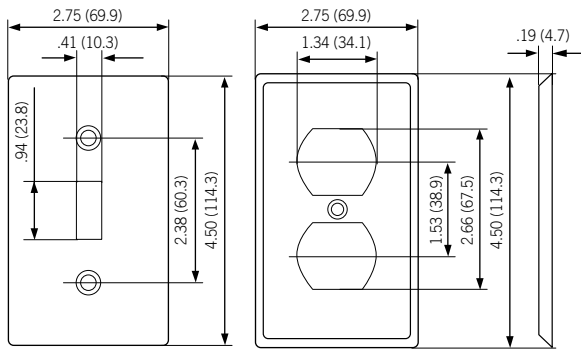
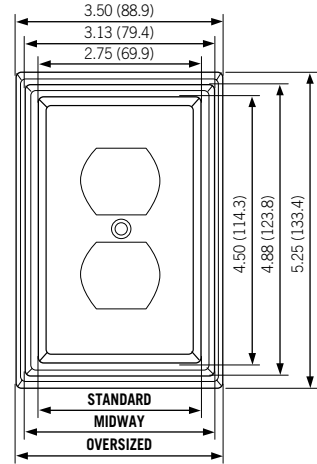
## Wallplates

### WALLPLATE DIMENSIONS

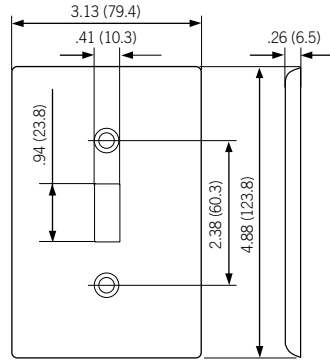
Gangs	Standard 4.50 H x D* (114.3 H x D*)	Midway 4.88 H x .260 D (123.8 H x 6.5 D)	Oversizes 5.25 H x .260 D (133.4 H x 6.5 D)
1	2.75 (69.9)W	3.13 (79.4)W	3.50 (88.9)W
2	4.56 (115.9)W	4.94 (125.4)W	5.31 (134.9)W
3	6.38 (161.9)W	6.75 (171.5)W	—
4	8.19 (208.0)W	<i>NOTE: This chart is based on the standard calculation of adding 1.81" (46.0) width for each gang in multi-gang wallplates.</i>	
5	10 (254.0)W		
6	11.81 (300.0)W		

\*DEPTHS OF STANDARD WALLPLATES: Plastic — .22 (5.6)  
Metal — .19 (4.7)

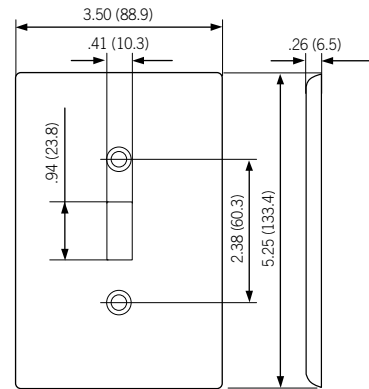
### WALLPLATE SIZE COMPARISON



STANDARD SIZE WALLPLATE  
81001 Series and 81003 Series

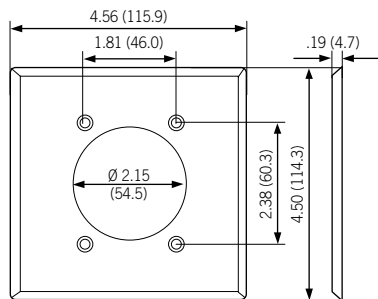


MIDWAY SIZE WALLPLATE  
80501 Series

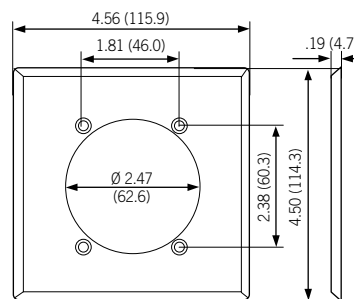


OVERSIZED WALLPLATE  
85101 Series

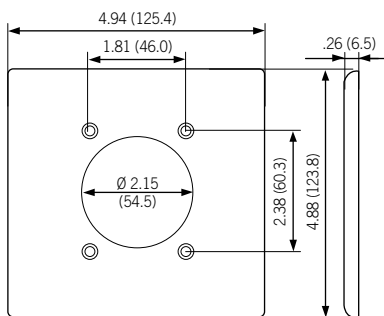
### POWER RECEPTACLE WALLPLATES



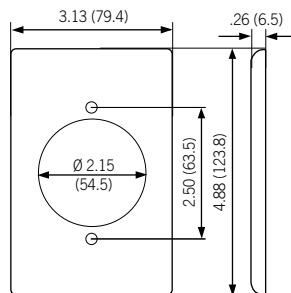
4934 Series



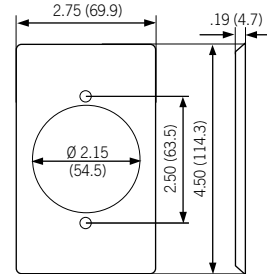
S701



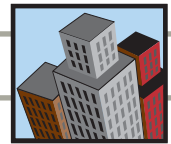
80526 Series



80528 Series



4927 Series

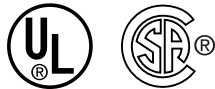


## Telephone Wiring Devices Codes and Standards

### Industry Standards

At Leviton, our concern since deregulation has been the proliferation of poor quality devices and equipment being attached to the network. These devices meet few of the customary standards for mechanical integrity and combustibility and have caused a number of problems for those who have installed them.

The responsibility for ensuring that no sub-standard devices are connected to the network rests on everyone's shoulders. In fact, the FCC recently issued a Public Notice strongly reminding manufacturers, carriers and customers that the manufacture and installation of substandard devices and equipment will not be tolerated — and that a substantial fine is the penalty for noncompliance. Recently, organizations such as the Federal Communications Commission (FCC), Underwriter's Laboratories (UL), the Canadian Standards Association (CSA), and the Telecommunications Industry Association (TIA) have been developing standards for premise wiring systems. Additionally, Article 800 of the National Electrical Code (NEC), published by the National Fire Protection Association (NFPA), mandated "listing" of equipment connected to telecommunications networks. Leviton has always played a role in the standards-making process and will continue to do so. We wholeheartedly support this new standards environment.



### Industry Basics: Drawing the Line

The dividing line between public network and customer premises is called the demarcation point. Equipment, including wiring, on the network side of the demarcation point is the property and responsibility of the local telephone company (telco). Equipment and wiring on the customer side is the responsibility of the customer, who may procure equipment, materials, and service from the provider of their choice. A subscriber network interface (SNI) often called a "demarcation jack", is recommended to be installed at the demarcation point. A standard registered jack is often used at this point so that the network and the premise wiring system can be quickly separated from each other. The location of the SNI depends on local rules and on such factors as the number of units in the facility, access, and the type and age of connecting hardware. The SNI may be inside the building or outside.

### FCC Part 68 Requirements

The equipment standards outlined in FCC Part 68 were developed long before divestiture to assure consumers, manufacturers and carriers that terminal equipment and wiring could be connected without degrading the network. Part 68 describes minimum requirements for the mechanical or physical properties of wiring devices such as the amount of gold on jack contacts, electrical performance, dimensional integrity, material properties, and spring characteristics of contacts. Only equipment meeting FCC Part 68 standards may be manufactured and connected to the network. The vast changes that have occurred in the industry because of evolving deregulation have made it necessary to modify Part 68. To this end, FCC Wiring Docket 88-57 was issued in 1990. There have been numerous attempts to change this docket; however, as of this writing, the following guidelines are true:

- Since 1984, Part 68 specified that all connections to the network be made through the standard plugs and standard telephone company-provided jacks described in Subpart F or Part 68. Now, Docket 88-57 permits customers to connect to the carrier's jack or wiring.
- The demarcation point has been redefined to be not more than 12 inches from the protector, or when no protector is present, 12 inches from the point of entry to the premises. In the past, the demarcation point could extend into the customer premise hundreds of feet, if necessary, depending on the wiring application. The new 12-inch ruling limits the carrier's access to the customer premise.
- The carriers are not responsible for customer wiring unless they have an agreement for such responsibility. Because the customer can now install a jack at the network interface, the customer is responsible for any wiring errors and malfunctions that occur.

- The "extraordinary procedures," acceptance testing, and carrier notification for wiring clause has been eliminated. The carrier is no longer required to take steps to protect the network from harm when there is a violation of Part 68 a failure during testing of newly installed wiring, or when harm has actually occurred. Once again, because the carriers now have less access to the customer premise, they will also have less responsibility in maintaining the network.
- Customer-provided, as well as carrier-provided plugs and jacks must meet Subpart F of Part 68 when newly installed on or after January 1, 1991. Prior to this ruling, Part 68 could be interpreted to require that only the jack at the network interface conform to Part 68.

### Beware of the Number Game

FCC Part 68, Subpart F, specifies that contacts in the telephone jacks must have 50 micro-inches of gold over 100 micro-inches of nickel. Some manufacturers claim .5 microns of gold plating on their jack contacts. At 39.37 micro-inches per micron, that's only 19.7 micro-inches — less than half of what is required to meet FCC Part 68 specifications. If jack contacts have not been plated with the right thickness or quality of gold, corrosion at these critical points can cause signal degradation, equipment failure, and even damage to the public telephone network. Data networks are more at risk because even slight imperfections result in transmission error or data loss.

### Reduce Risks — Specify Leviton

There are no two ways about it. The risk to your operation and equipment is so great that it only makes sense to insist on top-quality station products. When you specify Leviton jacks, you're assured maximum contact life with minimum resistance. We start with durable phosphor-bronze contacts and plate them with a full 50 micro-inches of lubricated hard gold over 100 micro-inches of nickel (or the electrical performance equivalent as specified in FCC Part 68 requirements). Jack openings are built within precise tolerances. High-quality thermoplastic rated UL 94V-0 resists distortion from changes in temperature and humidity, physical stress, and aging. Spring contacts are engineered to maintain positive contact pressure over the life of the device.

### Telecommunications Industry Association Standards

If FCC regulations protect the telephone network from harm and UL requirements protect the consumer from harm, who is responsible for providing performance standards for the telecommunications industry? Recently, the FCC asked the Telecommunications Industry Association (TIA), a sister organization of the Electronic Industries Association (EIA), to take on this task, and they accepted the challenge. The TIA was asked to define minimum standards for such things as how to wire a building, what kind of wire to use, and so on. The following standards went into effect in 1991.

- **Pathway Standard (EIA/TIA 569-A):** This standard for installing pipe and conduit in commercial buildings is now available through TIA and the American National Standards Institute (ANSI).
- **Residential/Light Commercial Wiring (EIA/TIA 570):** A draft of this standard, which applies to premises with up to four telephone lines, has been reviewed by ANSI and TIA committees and released.
- **Commercial Wiring Standard (EIA/TIA 568-A):** The Commercial Wiring Standard applies to premises with more than four telephone lines. This draft has also been reviewed and released by ANSI and TIA committees. At time of printing, the standards are undergoing major revisions and are currently up for ballot.

### We're the "Standards" People

Because Leviton is an active participant in the formation of North American codes and standards, you can be assured that our product development activities fully support this emerging standards environment. In fact, we have prepared several publications which describe standard practices and provide installation guidelines for contractors. Many Leviton distributors also sponsor training programs dealing with telecom wiring. And, of course, Leviton's Applications Engineering Group is always ready to assist you with any questions you may have about standards and codes, standard practices, or any installation problem.



## Wire Color Codes and Jack Pin Designations

### Electrical Network Connection

From 1 to 25 single or multiple-pair circuits bridged to the network or other connected equipment.

### Mechanical Arrangement

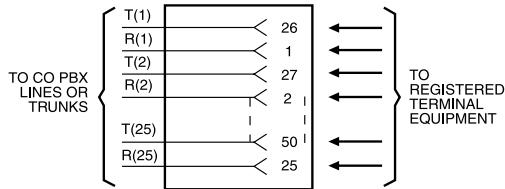
Circuits are provided on numbered tip and ring positions on a miniature 50-pin ribbon connector (Amphenol-type). Pins 1 (ring) and 26 (tip) are considered position 1. Pins 2 (ring) and 27 (tip) of the ribbon connector are position 2. This pairing continues through twenty-five pairs.

### Typical Usage

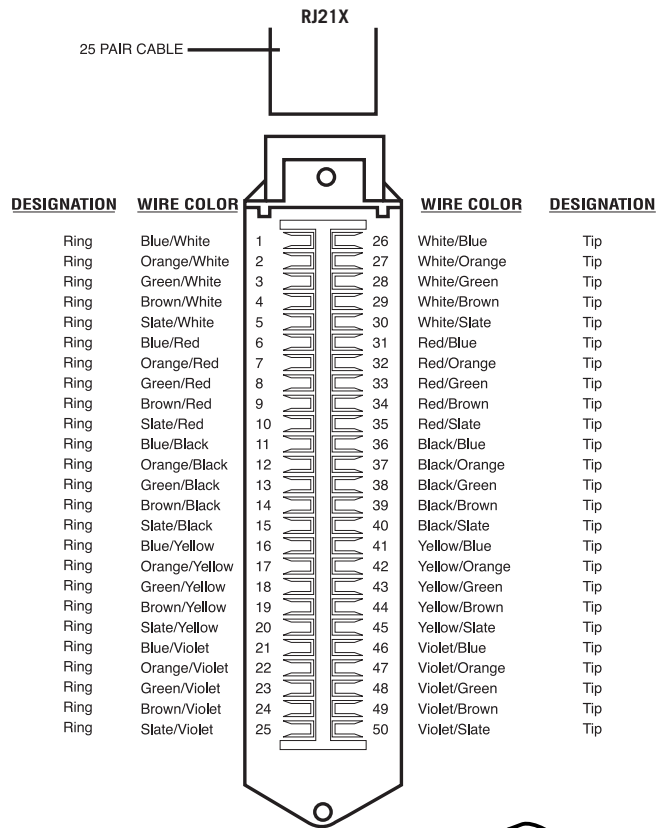
Many key and PBX systems specify the RJ21X, or 'Amphenol-type' as the network interface device. Many of these systems also use the RJ21X as a connector for stations or telephone sets, wired from the KSU or PBX Main Distribution Frame.

**Note:** Sometimes an RJ11 or RJ14C can be installed in place of an RJ21X. While many smaller systems that require only a few lines may show the RJ21X as the 'official' jack required under registration, less complex jacks such as the RJ11 or RJ14C can often be specified (perhaps in multiples). If the system requires only a few lines but the RJ21X is specified on the registration label, under FCC Part 68 you may specify the RJ11C, RJ14C, RJ25C, or RJ61X instead.

Many Leviton jacks can be used for the RJ21X configuration where 'intermixing' is permitted. Substitution of these special jacks is often both economical and practical. Contact Leviton Telcom Applications Engineering for information about versions to meet your requirements.



### 25-PAIR COLOR CODING/ISDN CONTACT ASSIGNMENTS

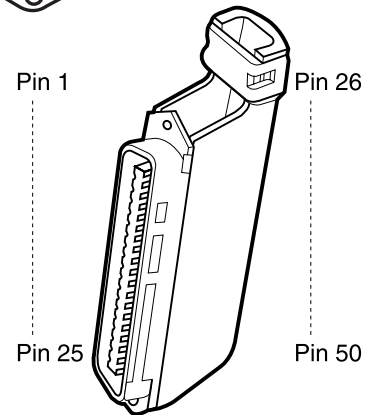
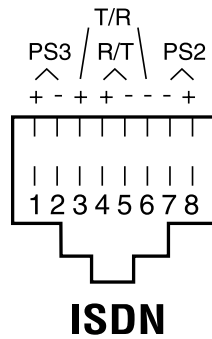


### ISDN Assignment of Contact Numbers as specified by ISO Document 8877: 1987 (E)

Contact assignments for plugs and jacks:

CONTACT NUMBER	TE	NT	POLARITY
1	Power source 3	Power sink 3	+
2	Power source 3	Power sink 3	-
3	Transmit	Receive	+
4	Receive	Transmit	+
5	Receive	Transmit	-
6	Transmit	Receive	-
7	Power sink 2	Power source 2	-
8	Power sink 2	Power source 2	+

**Note:** For use in TE to TE interconnections, power source/sink 3 shall conform to the requirements specified in CCITT Recommendation 1.430, section 9.2 for power source/sink 2.

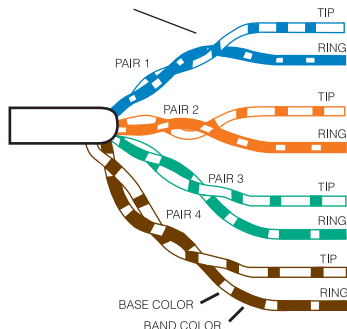


### WIRE COLOR CODES

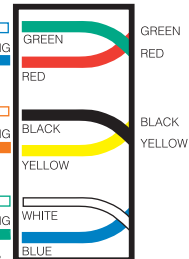
Standard 4-Pair Wiring Color Codes		
PAIR 1	T	White/Blue
	R	Blue/White
PAIR 2	T	White/Orange
	R	Orange/White
PAIR 3	T	White/Green
	R	Green/White
PAIR 4	T	White/Brown
	R	Brown/White

*Note: For 6-wire jacks use pair 1, 2 and 3 color codes. For 4-wire jacks use pair 1 and 2 color codes.*

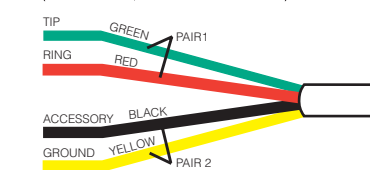
#### A. Band-Striped Twisted-Pair Wire



#### B. Solid-Color Twisted-Pair Wire



#### C. Quad Wire\* (Solid-Color, Non-Twisted Wire)



**\*CAUTION**  
Quad wire is no longer acceptable for installation in multi-line environments. If encountered during a retrofit, quad wire should be replaced with 100Ω UTP. Connecting new quad to installed quad will only amplify existing problems and limitations associated with quad wire; leaving existing quad in place and connecting 100Ω UTP to it may also be ineffective, as the quad wire may negate the desired effect of the UTP.

# CATALOG NUMBER ALPHANUMERIC INDEX



**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

## THIS PAGE A0001-MDI10

CAT. NO.	PAGE NO.	CAT. NO.	PAGE NO.	CAT. NO.	PAGE NO.
A0001	P18	CA100	.022	D3204-1L	.C3
A0002	P18	CA320	.022	D3204-2L	.C3
A0003	P18	CA343	.022	D3206-2L	.C3
A0004	P18	CA420	.022	D3208-1L	.C3
A0005	P18	CA520	.022	D4200	.C6
A0006	P18	CA530	.022	D42CK	.C6
A0007	P18	CN100-OD0	.D14	D42CS	.C6
ACE04-1L	.A3	CN200-00C	.D14	D42ET	.C6
ACE06-1L	.A3	CN220-00C	.D14	D42IR	.C6
ACF01-1L	.A3	CN221-00C	.D14	D42LI	.C6
ACGF1	.A5	C0001	.P18	D42M0	.C6
ACGF2	.A5	CO256-OSS	.L21	D42L0	.C6
ACSSR	.A5	CR015	.G14	D42P1	.C6
ACH08-1L	.A3	CR15	.G14	D42P4	.C6
ACIO6-1L	.A3	CR15-C	.D13	D42P8	.C6
ACM06-1L	.A3	CR15S-G	.G14	D42P9	.C6
ACM10-1L	.A3	CR020	.G14	D42RL	.C6
AC00R-1L	.A3	CR20	.G14	D42SQ	.C6
AC00R-10	.A3	CS63-60C	.N26	D5325	.B26
ACOSR-1L	.A4	CS63-61C	.N26	D5691	.B26
ACOSR-10	.A4	CS63-64C	.N26	D5693	.B26
ACWM1-STS	.A6	CS63-65C	.N26	D8599	.B26
ACWM2-STS	.A6	CS63-69	.N26	DCKPG-00X	.K3
ACWM3-STS	.A6	CS63-70	.N26	DCK05-0C	.C5
ACWM4-STS	.A6	CS63-75	.N26	DCK2D	.K4
ACWM5-STS	.A6	CS63-77	.N26	DCK3D	.K5
ACWM6-STS	.A6	CS81-64C	.N26	DCK4A	.K5
ACWP1	.A6, L18	CS81-65C	.N26	DCK4D	.K5
ACWP2	.A6, L18	CS81-69	.N26	DCKS7	.C22
ACWP3	.A6, L18	CS81-75	.N26	DLKDD-1L	.C19
ACWP4	.A6, L18	CS82-64C	.N26	D0301	.B26
ACWP5	.A6, L18	CS82-65C	.N26	D0309	.B26
ACWP6	.A6, L18	CS82-69	.N26	D0311	.B26
ACW14	.A6	CS82-75	.N26	D0312	.B26
ACX10-1L	.A3	CS83-64C	.N26	DRKOD-1LX	.K9
ACS15-1L	.A4	CS83-65C	.N26	DRKOR-00X	.K12, C19, C24
ACT60-L	.A4	CS83-69	.N26	DRKDD-1LX	.K8
AC201-1L	.A3	CS83-75	.N26	DRK0S-OLX	.K4, K9
AC215	.A5	CS84-64C	.N26	DRK1D-00X	.K4
AC220	.A5	CS84-65C	.N26	DRK0S-OLX	.K4, K9
AC315	.A5	CS84-69	.N26	DS30-AX	.F9
AC320	.A5	CS84-75	.N26	DS60-AX	.F9
AC642	.A6, L18	CS115-2	.F12	DS100-AX	.F9
AC643	.A6, L18	CS120-2	.F12	DS30-FAX	.F9
AC644	.A6, L18	CS215-2	.F12	DS60-FAX	.F9
AC646	.A6, L18	CS220-2	.F12	HCA02-10E	.K16
BEZEL	.L8	CS315-2	.F12	HCCPRF-1TW	.K6
BR15	.G13	CS320-2	.F12	HCCKR-E	.K6
BR20	.G13	CS415-2	.F12	HCCUR	.K6
BX60-V	.05	CS420-2	.F12	HCM06-1DW	.K8
BX100-V	.05	CSB1-15	.F12	HCMIO-1DW	.K8
BX230-V	.04	CSB1-20	.F12	HCM06-1SW	.K9
C2623	.N12	CSB2-15	.F12	HCM10-1SW	.K9
C2623-B	.N12	CSB2-20	.F12	HCP03-10W	.K10
C2623-CY	.N12	CSB3-15	.F12	HCS10-1SW	.K9
C2651	.N13	CSB3-20	.F12	HXC3D-1TW	.K5
C2653	.N13	CSB4-15	.F12	HXC4D-1TW	.K5
CA060	.022	CSB4-20	.F12	HXC4A-1TW	.K5
		D32CK	.C3	HXC10-1TW	.K4

Catalog Number Alphanumeric Index

**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

### THIS PAGE MDM06-SP332B6

CAT. NO.	PAGE NO.
MDM06	.C20
MDM10	.C20
ML1-AC	.N29
ML1-AP	.N29
ML1-C	.N29
ML1-P	.N29
ML1-PB	.N29
ML1-PER	.N29
ML2-AC	.N29
ML2-AP	.N29
ML2-C	.N29
ML2-P	.N29
ML2-PB	.N29
ML2-PER	.N29
ML3-AC	.N29
ML3-AP	.N29
ML3-C	.N29
ML3-P	.N29
ML3-PB	.N29
ML3-PER	.N29
MLE03	.C19
MLF01	.C19
MLI06	.C19
MLI10	.C19
MLM06	.C19
MLM10	.C19
MLX06	.C19
MNE04	.C11
MNF07	.C11
MNF10	.C11
MNI06	.C11
MNI10	.C11
MNI15	.C11
MNKOR	.C11
MNKIT	.C11
MNM06	.C11
MNM10	.C11
MNM15	.C11
MNS20-1L	.C12
MNS20-D3	.C12
MNS20-D4	.C12
MNX10	.C11
MNX15	.C11
MNX20	.C11
MNX30	.C11
MNOOC-1LW	.C22
MNOOR-DOW	.C11
MNOLA	.C11
MNOSA	.C11
MRI06	.C19, C20
MRI10	.C19
MRM10	.C19
MRKOD	.C19
MSEOR-10	.C19, C20
MSI10-1L	.C2
MSOOR-1	.K12
MSOOR-10W	.C19, C20, C24
MSI06	.C20

CAT. NO.	PAGE NO.
MSM10	.C20
MS2-P	.N29
MS2-AP	.N29
MS302	.F7
MS302-S	.F7
MS303	.F7
MS303-S	.F7
MS402	.F7
MS403	.F7
MS602-BW	.F7
MS602-FW	.F7
MS603-BW	.F7
MS603-FW	.F7
NE100	.C5, D14
NE200	.D14
NE210	.C5
NE505	.C5
NE600	.C5
N13NC	.F7, E34
N33NC	.F7
N36NC	.F7
N138	.E27
N751	.E29
N1302	.F7
N1303	.F7
N1303-T	.F7
N3302	.F7
N3303	.F7
N3602	.F7
N3603	.F7
ODCCG	.D5, D6, D7, D8
ODCOP	.D14
ODCOS-I1W	.D5
ODCOS-I2W	.D5
ODCOS-I7W	.D5
ODS0D-ID	.D3
ODS10-ID	.D3
ODS15-ID	.D3
OSA20-R00	.D11
OSCO4-IOW	.D8
OSCO5-MOW	.D6
OSCO5-UOW	.D6
OSC10-MOW	.D6
OSC10-UOW	.D6
OSC15-IOW	.D8
OSC20-MOW	.D6
OSP15-R30	.D11
OSP20-OD0	.D11
OSP20-RD0	.D11
OSPNA-000	.D11
OSW12-MOW	.D9
OSWWWV-IOW	.D10
OSWLTB-IOW	.D10
OSWLR-IOW	.D10
P22	.E15
P32	.E15
P38	.E24
P48	.E24
P326	.E25

CAT. NO.	PAGE NO.
P1426	.E28
P2262	.E25
PB101-SGF	.H7
PB103-SGF	.H7
PCC65	.J29
PCI65	.J29
PCI80	.J29
PC60	.022
PC100	.022
PC320	.022
PC420	.022
PC520	.022
PC530	.022
PC3430	.022
PEAUX	.C8
PEAU7	.C7
PE100	.C8
PE200	.C8
PE300	.C8
PE400	.C8
PJ1	.E7
PJ2	.E7
PJ3	.E7
PJ4	.E8
PJ7	.E12
PJ8	.E10, E29
PJ11	.E13
PJ13	.E16
PJ18	.E23
PJ23	.E16
PJ26	.B22, E4
PJ82	.E10, E29
PJ126	.E25
PJ226	.E25
PJ262	.B22, E4
PJ263	.B22, E4
PJ264	.B23, E4
PJ826	.E27
PLG1	.022
PR150-1L	.D4
PR180-1L	.D4
PSC1	.E29
PSC7	.E29
PSC8	.E29
PSC14	.E29
PSC26	.E29
PSE1	.E29
PSE7	.E29
PSE8	.E29
PSE14	.E29
PSE26	.E29
PS110-10	.D12
PS110-1F	.D12
PS200-10	.D12
PS200-1F	.D12
RA060	.022
RA100	.022
RA320	.022
RA343	.022

CAT. NO.	PAGE NO.
RA420	.022
RA520	.022
RA530	.022
RELAY-XXX	.D17
RO8BD-XXX	.D17
RPI06	.C29
RS110-10	.D12
RS110-1F	.D12
RTD01	.C29
RTF01-10	.C29
S48-N	.E24
S54-N	.E18
S73-N	.E12
S112-N	.E27
S126	.E25
S214-N	.E26
S426-N	.E25
S601	.E9
S602	.E9
S603	.E9
S604	.E9
S701	.E20
S701-40	.E20
S746-N	.E21
S751	.E29
S1426-N	.E28
SAA12	.022
SAB12	.022
SAB34	.022
SAC34	.022
SAC100	.022
SAC125	.022
SAD125	.022
SGAMP	.J27
SGC65	.J29
SGI65	.J29
SGI80	.J29
SGO99	.J29
SGVCK	.J27
SGVST	.J27
SJ26	.B20, B22, E4
SJ262	.B20, B22, E4
SJ263	.B20, B22, E4
SJ264	.B20, B23, E5
SJ265	.B20, B23, E5
SJ266	.B20, B23, E5
SO26	.B22, E4
SO262	.B22, E4
SO263	.B22, E4
SP316B4	.016
SP316B6	.016
SP316C4	.016
SP316C6	.016
SP316P4	.016
SP316P6	.016
SP316R4	.016
SP316R6	.016
SP332B4	.016
SP332B6	.016



# CATALOG NUMBER ALPHANUMERIC INDEX



**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

**THIS PAGE SP332C4-16V24-C**

CAT. NO.	PAGE NO.	CAT. NO.	PAGE NO.	CAT. NO.	PAGE NO.
SP332C4	.016	U3000-ONL	.R21	5R930	.L42
SP332C6	.016	U1000-ORM	.R21	5R940	.L42
SP332P4	.016	U2000-ORM	.R21	5R960	.L42
SP332P6	.016	U3000-ORM	.R21	5S100	L41, L42
SP332R4	.016	U3000-SK	.R21	5T000	L41, L48
SP332R6	.016	U0800-SRM	.R21	5W110	.L43
SP363B6	.016	U3000-SRM	.R21	5W120	.L43
SP363C6	.016	U0425-AKP	.R22	5W170	.L43
SP363P6	.016	U1500-AKP	.R22	5W310	.L43
SP363R6	.016	U2200-AKP	.R22	5W320	.L43
SP416B6	.016	U0600-ARM	.R22	5W370	.L43
SP416C6	.016	U0320-SK0	.R22	5W710	.L43
SP416P6	.016	U0520-SK0	.R22	5W720	.L43
SP416R6	.016	U1500-SK	.R21	5W770	.L43
SP432B6	.016	U1500-SRM	.R21	6	.S4
SP432C6	.016	W1000	.L51	14W	.N17
SP432P6	.016	WP1	.E33	14W33	.M5
SP432R6	.016	WP2	.E33	14W34	.M5
SP463B6	.016	WP459	.N20-N22	14W47	.M5
SP463C6	.016	WS402	.F7	14W48	.M5
SP463P6	.016	Z1000	.L49, L50	14W49	.M5
SP463R6	.016	ZMDSW-XXX	.D17	15A21	.P7
SP516B6	.016	2KL	.F10	15A22	.P7
SP516C6	.016	5D000	.L40, L41, L42	15A23	.P7
SP516P6	.016	5F100	.J11, L46, L47	15CLF	.P18
SP516R6	.016	5G108-R5	.L3, T2	15CLM	.P18
SP532B6	.016	5G108-B*5	.L3	16CLF	.P18
SP532C6	.016	5G110-R*5	.L3	16CLM	.P18
SP532P6	.016	5G110-B*5	.L3	15D21-S	.P7
SP532R6	.016	5G210	.L35	15D21-SC	.P7
SP563B6	.016	5G220	.L35	15D22-SC	.P7
SP563C6	.016	5G240	.L35	15D22-S	.P7
SP563P6	.016	5G270	.L26	15D23-S	.P7
SP563R6	.016	5G271	.L28	15D23-SC	.P7
SS303	.N22	5G34A	.L35	15D24-SC	.P7
TBI03	.C34	5G34B	.L35	15D24-S	.P7
TGI06-10	.C26	5G460	.L30	15D25-S	.P7
TGI06-1L	.C26	5G484	.S23	15D26-S	.P7
TGI10-1L	.C26	5G584	.S23	15D26-SC	.P7
TGM10-1L	.C26	5G586	.S25	15P21-E	.P7
TPI06	.C24	5G596	.L26	15P22-E	.P7
TPI10	.C24	5G597	.L28	15R21	.P7
TPM06	.C24	5L000	.J4, L41, L42, L43	15R22	.P7
TPM10	.C24	5P030	.L40	15SDF-S	.P7
TPX06	.C24	5P130	.L40	15SDM-S	.P7
TPX10	.C24	5P230	.L40	15W33	.M5
TT00R	.C25	5P330	.L40	15W47	.M5
TTI06	.C25	5R030	.L40	15W48	.M5
TTI10	.C25	5R1UA	.L44	15W49	.M5
TTKIT	.C25	5R1UE	.L44	16A21	.P10
TTKTR	.C25	5R100	.L41, L48	16A22	.P10
TTM10	.C25	5R130	.L40	16A23	.P10
U0500-AKP	.R22	5R2UA	.L44	16A24	.P10
U0625-AKP	.R22	5R230	.L40	16A25	.P10
U1000-AKP	.R22	5R3UA	.L44	16A26	.P10
U1000-SK	.R21	5R330	.L40	16D21	.P8
U1000-ONL	.R21	5R730	.L42	16D21-C	.P8
U2000-ONL	.R21	5R740	.L42	16D22	.P8
		5R760	.L42	16D22-C	.P8
				16D23	.P9
				16D23-C	.P9
				16D24	.P9
				16D24-C	.P9
				16D25	.P8
				16D25-C	.P8
				16D26	.P8
				16D26-C	.P8
				16D27	.P8
				16D27-C	.P8
				16D28	.P9
				16D28-C	.P9
				16D29	.P8
				16D29-C	.P8
				16D31	.P8
				16D31-C	.P8
				16D32	.P9
				16D32-C	.P9
				16D33	.P9
				16D33-C	.P9
				16D34	.P8
				16D34-C	.P8
				16D35	.P8
				16D35-C	.P8
				16D36	.P8
				16D36-C	.P8
				16D37	.P9
				16D37-C	.P9
				16F21	.P10
				16F22	.P10
				16P21	.P9
				16P22	.P9
				16R21	.P10
				16R22	.P10
				16R23	.P10
				16R24	.P10
				16RSW	.P10
				16SDF-14	.P9
				16SDM-14	.P9
				16SDF-22	.P8, P9
				16SDM-22	.P8
				16SDF-HD	.P8
				16SDM-HD	.P8
				16SVF-12	.P8
				16SVM-12	.P8
				16SVF-21	.P8
				16SVM-21	.P8
				16SVF-34	.P9
				16SVM-34	.P9
				16SVF-HD	.P8
				16SVM-HD	.P8
				16V21	.P8
				16V21-C	.P8
				16V22	.P8
				16V22-C	.P8
				16V23	.P8
				16V23-C	.P8
				16V24	.P9
				16V24-C	.P9

Catalog Number Alphanumeric Index

**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

### THIS PAGE 16V25–26W82

CAT. NO.	PAGE NO.
16V25	.P8
16V25-C	.P8
16V26	.P8
16V26-C	.P8
16V27	.P8
16V27-C	.P8
16V28	.P9
16V28-C	.P9
17CLF	.P18
17CLM	.P18
17D21	.P14
17D21-C	.P14
17D22	.P14
17D22-C	.P14
17D23	.P14
17D23-C	.P14
17D24	.P14
17D24-C	.P14
17F21	.P14
17F22	.P14
17P21	.P14
17P22	.P14, P17
17R21	.P14, P17
17R22	.P14
17R23	.P14
17R24	.P14
17SDF	.P14
17SDM	.P14
17V21	.P14
17V21-C	.P14
17V22	.P14
17V22-C	.P14
17V23	.P14
17V23-C	.P14
17V24	.P14
17V24-C	.P14
17V25	.P14
17V25-C	.P14
17V26	.P14
17V26-E	.P14
17V26-C	.P14
17SVF	.P14
17SVM	.P14
18A21	.P13
18A22	.P13
18A23	.P13
18A24	.P13
18A25	.P13
18A26	.P13
18D21	.P11
18D21-C	.P11
18D22	.P11
18D22-C	.P11
18D23	.P12
18D23-C	.P12
18D24	.P12
18D24-C	.P12
18D25	.P11

CAT. NO.	PAGE NO.
18D25-C	.P11
18D26	.P11
18D26-C	.P11
18D27	.P11
18D27-C	.P11
18D28	.P12
18D28-C	.P12
18D29	.P11
18D29-C	.P11
18D31	.P11
18D31-C	.P11
18D32	.P12
18D32-C	.P12
18D33	.P11
18D33-C	.P12
18D34	.P11
18D34-C	.P11
18D35	.P11
18D35-C	.P11
18D36	.P11
18D36-C	.P11
18D37	.P12
18D37-C	.P12
18F21	.P13
18F22	.P13
18P21	.P12
18P22	.P12
18R21	.P13
18R22	.P13
18R23	.P13
18R24	.P13
18SDF-14	.P12
18SDF-22	.P11
18SDF-HD	.P11
18SDM-HD	.P11
18SDM-14	.P12
18SDM-22	.P11
18V21	.P11
18V21-C	.P11
18V22	.P11
18V22-C	.P11
18V23	.P11
18V23-C	.P11
18V24	.P12
18V24-C	.P12
18V25	.P11
18V25-C	.P11
18V26	.P11
18V26-C	.P11
18V27	.P11
18V27-C	.P11
18V28	.P12
18V28-C	.P12
18SVF-HD	.P11
18SVF-12	.P11
18SVF-21	.P11
18SVF-34	.P12
18SVM-HD	.P11
18SVM-12	.P11

CAT. NO.	PAGE NO.
18SVM-21	.P11
18SVM-34	.P12
19D21	.P15
19D21-C	.P15
19D22	.P15
19D22-C	.P15
19D23	.P15
19D23-C	.P15
19D24	.P15
19D24-C	.P15
19F21	.P15
19F22	.P15
19P21	.P15
19P22	.P16
19P22-E	.P15
19R21	.P15
19R22	.P15
19R23	.P15
19R24	.P15
19SDF	.P15
19SDM	.P15
19V21	.P15
19V21-C	.P15
19V22	.P15
19V22-C	.P15
19V23	.P15
19V23-C	.P15
19V24	.P15
19V24-C	.P15
19V25	.P15
19V25-C	.P15
19V26	.P15
19V26-C	.P15
19SVF	.P15
19SVM	.P15
20FC-CL	.P3
20FC-E	.P3
20FP-E	.P3
20FP-CL	.P3
20IS-E	.P3
20MC-CL	.P3
20MC-E	.P3
20MP-CL	.P3
20MP-E	.P3
20RS-E	.P3
22H21	.P16
22H22	.P16
22L21	.P16
22L21-C	.P16
22L22	.P16
22L22-C	.P16
22L23	.P16
22L23-C	.P16
22L24	.P16
22L24-C	.P16
22L25	.P16
22L25-C	.P16
22L26	.P16
22L26-C	.P16

CAT. NO.	PAGE NO.
22R21	.P16
22R22	.P16
22R23	.P16
22R24	.P16
22SVF	.P16
22SVM	.P16
23H21	.P17
23H22	.P17
23L21	.P17
23L21-C	.P17
23L22	.P17
22L22-C	.P17
23L23	.P17
23L23-C	.P17
23L24	.P17
23L24-C	.P17
23L25	.P17
23L25-C	.P17
23L26	.P17
23L26-C	.P17
23R21	.P17
23R22	.P17
23R23	.P17
23R24	.P17
23SVF	.P17
23SVM	.P17
23CM-10	.N21
23CM-11	.N21
23CM-13	.N21
23CM-20	.N21
23CM-30	.N21
24CM-10	.N21
24CM-20	.N21
24CM-30	.N21
24W34	.N17
24W47	.N17
24W49	.N17
25W34	.N17
25W47	.N17
25W49	.N17
26W	.N18
26CM-10	.N22
26CM-11	.N22
26CM-13	.N22
26CM-20	.N22
26CM-21	.N22
26CM-23	.N22
26W08	.N18
26W09	.N18
26W47	.N17
26W47-B	.N17
26W48	.N17
26W49	.N17
26W74	.N18
26W75	.N18
26W76	.N18
26W81	.N18
26W81-B	.N18
26W82	.N18

# CATALOG NUMBER ALPHANUMERIC INDEX



**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

**THIS PAGE 26W83-430MF12W**

CAT. NO.	PAGE NO.
26W83	.N18
27CM-10	.N22
27CM-20	.N22
27W08	.N18
27W09	.N18
27W47	.N17
27W47-B	.N17
27W48	.N17
27W49	.N17
27W74	.N18
27W75	.N18
27W76	.N18
27W81	.N18
27W81-B	.N18
27W82	.N18
27W83	.N18
28W	.N19
28W08	.N19
28W09	.N19
28W47	.N19
28W47-B	.N19
28W48	.N19
28W49	.N19
28W74	.N19
28W75	.N19
28W76	.N19
28W77	.N19
28W81	.N19
28W82	.N19
28W83	.N19
29W08	.N19
29W09	.N19
29W47	.N19
29W47-B	.N19
29W48	.N19
29W49	.N19
29W74	.N19
29W75	.N19
29W76	.N19
29W77	.N19
29W81	.N19
29W82	.N19
29W83	.N19
41AB2	.L33
41AB6	.L34
41AW1	.L34, L33
41AW2	.L34, L33
41A10	.L34, L31
41CMS	.L36, L55
41DB1	.L34
41DW1	.L33, L34, L31
41DW2	.L34, L31
41D10	.L34, L31
410L2	.L34, L31
41DR2	.L34
41D1R	.L34
41DBR	.L34
41DB1	.L33

CAT. NO.	PAGE NO.
41DR6	.L31
41MB2	.L36
41NB2	.L33
41NB6	.L31
41880	.L36
45CM-60	.N20
45CM-70C	.N20
45CM-79C	.N20
47CM-10	.N20
47CM-20C	.N20
47CM-29C	.N20
47CM-60	.N20
50W50	.N17
50W52	.N17-N18
50W54	.N19
52CM-62	.N20
52CM-66C	.N20
52CM-69C	.N20
53CM-62	.N21
53CM-66C	.N21
53CM-69C	.N21
55	.S12
60FP-E	.P3
60IB-E	.P3
60IS-E	.P3
60MP-E	.P3
60RB-E	.P3
60RS-E	.P3
61	.U2
61	.U2
63	.U2
65	.U2
69	.U2
100FP-E	.P3
100IB-E	.P3
100MP-E	.P3
100RB-E	.P3
101	.M15
102	.M15
113	.M16
114	.M16
115PR	.M15
115PV	.M15
123	.M15
124-D	.S12
125	.U2
128	.U2
157	.S12
157-X	.S12
167	.S12
177BI	.C22
177IR	.C22
177RC	.C22
223	.G17
267	.S12
274	.U2
275-T	.M14
278	.G8, M8
278-PM	.G8

CAT. NO.	PAGE NO.
279	.G10, M9
279-PM	.G10
287-T	.M14
306	.G17
320B	.07
320B4W	.04
320B6W	.04
320B7W	.04
320C	.06
320C4W	.04
320C6W	.04
320C7W	.04
320MI6W	.012
320MI7W	.012
320P	.06
320P4W	.04
320P6W	.04, 012
320P7W	.04, 012
3201R	.07
320R4W	.04
320R6W	.04
320R7W	.04
330B	.07
330B4W	.04
330B6W	.04
330B7W	.04
330C	.06
330C4W	.04
330C6W	.04
330C7W	.04
330MI6W	.012
330MI7W	.012
330P	.06
330P4W	.04
330P6W	.04, 012
330P7W	.04, 012
330R	.07
330R4W	.04
330R6W	.04
330R7W	.04
341-D4U	.S6
357-8	.S6
360B	.07
360B4W	.05
360B6W	.05
360B7W	.05
360C	.06
360C4W	.05
360C6W	.05
360C7W	.05
360MF6W	.013
360MI6W	.013
360MI7W	.013
360P	.06
360P4W	.05
360P6W	.05, 013
360P7W	.05, 013
360R	.07
360R4W	.05

CAT. NO.	PAGE NO.
360R6W	.05
360R7W	.05
368-1	.S6
380	.S13
388	.T4
389W	.S14
390-1W	.S13
391-1W	.S13
395-W	.S14
396	.S13
403	.E36
404	.E36
405	.E36
406	.E36
41LBL	.L58
420B	.07
420B5W	.04
420B7W	.04
420B9W	.04
420B12W	.04
420C	.06
420C5W	.04
420C7W	.04
420C9W	.04
420C12W	.04
420MF5W	.012
420MF7W	.012
420MF9W	.012
420MF12W	.012
420MI5W	.012
420MI7W	.012
420MI9W	.012
420MI12W	.012
420P	.06
420P5W	.04, 012
420P7W	.04, 012
420P9W	.04, 012
420P12W	.04, 012
420R	.07
420R5W	.04
420R7W	.04
420R9W	.04
420R12W	.04
420-W	.S14
423-3	.T5
430B	.07
430B5W	.04
430B7W	.04
430B9W	.04
430B12W	.04
430C	.06
430C5W	.04
430C7W	.04
430C9W	.04
430C12W	.04
430MF5W	.012
430MF7W	.012
430MF9W	.012
430MF12W	.012

Catalog Number Alphanumeric Index

**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

### THIS PAGE 430MI5W-1281

CAT. NO.	PAGE NO.
430MI5W	.012
430MI7W	.012
430MI9W	.012
430MI12W	.012
430P	.06
430P5W	.04, 012
430P7W	.04, 012
430P9W	.04, 012
430P12W	.04, 012
430R	.07
430R5W	.04
430R7W	.04
430R9W	.04
430R12W	.04
431W	.S13
432C3WL	.016
432P3WL	.016
452	.S13
453	.S13
453CR	.N20-N22
454CR	.N20-N22
460B	.07
460B5W	.05
460B7W	.05
460B9W	.05
460B12W	.05
460C	.06
460C5W	.05
460C7W	.05
460C9W	.05
460C12W	.05
460MF5W	.013
460MF7W	.013
460MF12W	.013
460MI5W	.013
460MI7W	.013
460MI9W	.013
460MI12W	.013
460P	.06
460P5W	.05, 013
460P7W	.05, 013
460P9W	.05, 013
460P12W	.05, 013
460R	.07
460R5W	.05
460R7W	.05
460R9W	.05
460R12W	.05
464	.S13
465	.S13
466	.S13
467	.S13
482CR	.N20-N22
491RU	.L52
492RU	.L52
510-R	.N23
515AN	.M12
515CA	.M12

CAT. NO.	PAGE NO.
515CR	.M12
515CV	.M12
515PA	.M12
515PR	.M12
515PV	.M12
516	.S14
517	.S14
520B	.07
520B5W	.04
520B7W	.04
520B9W	.04
520C	.06
520C5W	.04
520C7W	.04
520C9W	.04
520CA	.M13
520CV	.M13
520MI5W	.012
520MI7W	.012
520MI9W	.012
520P	.06
520P5W	.04, 012
520P7W	.04, 012
520P9W	.04, 012
520PA	.M13
520PV	.M13
520R	.07
520R5W	.04
520R7W	.04
520R9W	.04
523	.S14
524	.S14
530B	.06
530B5W	.04
530B7W	.04
530B9W	.04
530C	.06
530C5W	.04
530C7W	.04
530C9W	.04
530MF5W	.012
530MF7W	.012
530MI5W	.012
530MI7W	.012
530MI9W	.012
530P	.06
530P5W	.04, 012
530P7W	.04, 012
530P9W	.04, 012
530R	.07
530R5W	.04
530R7W	.04
530R9W	.04
531	.U2
554	.S10
555	.S10
560	.S10
560B	.07
560B5W	.05

CAT. NO.	PAGE NO.
560B7W	.05
560B9W	.05
560C	.06
560C5W	.05
560C7W	.05
560C9W	.05
560MF9W	.013
560MI5W	.012, 013
560MI7W	.012, 013
560MI9W	.013
560P	.06
560P5W	.05, 013
560P7W	.05, 013
560P9W	.05, 013
560R	.07
560R5W	.05
560R7W	.05
560R9W	.05
565	.S10
570	.S10
573	.T3
585	.T3
612	.M15
615CA	.M12
615PA	.M12
615PV	.M12
617	.M16
620CA	.M13
620CV	.M13
620PA	.M13
620PR	.M13
620PV	.M13
638	.M15
663	.T3
688	.G17
692	.U2
694	.U2
697	.U2
698	.U2
699	.U2
720-L5	.T4
735	.T4
738	.T4
830-T	.G6, M14
905	.S6
911	.B8, C33
930	.M14
931	.M14
1101-2	.F6
1101-2L	.F6
1101-C	.F12
1102-2	.F6
1102-2L	.F6
1102-C	.F12
1103-2	.F6
1103-2L	.F6
1103-C	.F12
1104-2	.F6
1104-2L	.F6

CAT. NO.	PAGE NO.
1104-C	F12
1121-2	.F6
1121-2L	.F6
1122-2	.F6
1122-2L	.F6
1123-2	.F6
1123-2L	.F6
1124-2	.F6
1124-2L	.F6
1201-2	.F3
1201-2L	.F3
1201-LH	.F4
1201-PL	.F4
1202-2	.F3
1202-2L	.F3
1202-PL	.F4
1203-2	.F3
1203-2L	.F3
1203-LH	.F4
1203-PL	.F4
1204-2	.F3
1204-2L	.F3
1210	.F13
1221-2	.F3
1221-2L	.F3
1221-2KL	.F10
1221-7P	.F4
1221-LH	.F4
1221-PL	.F4
1221-S	.F3
1222-2	.F3
1222-2L	.F3
1222 2KL	.F10
1222-7P	.F4
1222-S	.F3
1221-7L	.F4
1222-PL	.F4
1223-2	.F3
1223-2L	.F3
1223-2KL	.F10
1223-7L	.F4
1223-7P	.F4
1223-LH	.F4
1223-PL	.F4
1223-S	.F3
1224-2	.F3
1224-2L	.F3
1224-2KL	.F10
1224-S	.F3
1228	.G16
1254	.G5
1254-H	.G5
1254-IG	.G5
1256	.F5
1257	.F5
1257-L	.F5
1260	.F5
1262	.F5
1281	.F5

# CATALOG NUMBER ALPHANUMERIC INDEX



**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

**THIS PAGE 1281-L-2713**

CAT. NO.	PAGE NO.	CAT. NO.	PAGE NO.	CAT. NO.	PAGE NO.
1281-L	F5	2311-PLC	N7	2420	N9
1282	F5	2313	N7	2420-IG	N9
1285	F5	2313-B	N7	2421	N9
1285-L	F5	2313-CY	N7	2423	N9
1286	F5	2313-PLB	N7	2425	N9
1287	F5	2313-PLC	N7	2426	N9
1287-L	F5	2315	N7	2430	N9
1288	F5	2316	N7	2430-IG	N10
1288-L	F5	2320	N7	2431	N10
1306	G17	2320-IG	N7	2433	N10
1373	G17	2321	N7	2435	N10
1374	G17	2321-PLB	N7	2436	N10
1403	U2	2321-PLC	N7	2440	N10
1406	U2	2321-CY	N7	2441	N10
1420	C34	2323	N7	2443	N10
1432	E34	2323-CY	N7	2445	N10
1433	M5	2323-PLC	N7	2446	N10
1447	M5	2325	N7	2447	N10
1448	M5	2326	N7	2450	N10
1449	M5	2330	N7	2451	N10
1451	F14	2330-IG	N7	2453	N10
1451-2	F14	2331	N7	2455	N10
1451-4	F14	2331-PLC	N7	2456	N10
1453	F14	2333	N7	2460	N10
1453-2	F14	2335	N7	2461	N10
1453-4	F14	2336	N7	2463	N10
1461-LHC	F14	2340	N8	2465	N10
1463-LHC	F14	2340-IG	N8	2466	N10
1469	U2	2341	N8	2510	N11
1533	M5	2343	N8	2510-IG	N11
1547	M5	2345	N8	2511	N11
1548	M5	2346	N8	2513	N11
1549	H4	2350	N8	2515	N11
1689-50	T2	2350-IG	N8	2516	N11
1689-75	T2	2351	N8	2520	N11
1691-50	T2	2353	N8	2520-IG	N11
1720-T	T4	2355	N8	2521	N11
1738	T4	2356	N8	2523	N11
1754	B17, I4	2360	N8	2525	N11
1754-IL	B17, I4	2361	N8	2526	N11
1754-2	B17, I4	2363	N8	2530	N11
1755	B17, I4	2365	N8	2530-IG	N11
1755-2	B17, I4	2366	N8	2531	N11
1759	B17, I4	2370	N8	2533	N11
1865	T3	2371	N8	2536	S13
1901	E7	2373	N8	2537	S13
1903	E10	2375	N8	2545	N11
1909	E7	2376	N8	2546	N11
2004	S8	2380	N8	2547	N5
2005	S8	2381	N8	2591	T3
2006	S8	2383	N8	2592	T3
2152	E36	2385	N8	2610	N12
2310	N7	2386	N8	2610-IG	N12
2310-IG	N7	2410	N9	2611	N12
2311	N7	2410-IG	N9	2611-B	N12
2311-B	N7	2411	N9	2611-CY	N12
2311-CY	N7	2413	N9	2611-PLB	N12
2311-PLB	N7	2415	N9	2611-PLC	N12
		2416	N9	2613	N12
				2613-B	N12
				2613-CY	N12
				2613-PLB	N12
				2613-PLC	N12
				2615	N12
				2616	N12
				2620	N12
				2620-IG	N12
				2621	N12
				2621-B	N12
				2621-CY	N12
				2625F	N12
				2623-PLC	N12
				2626F	N12
				2630	N12
				2630-IG	N12
				2631	N12
				2631-PLC	N12
				2633	N12
				2633-PLC	N12
				2635	N12
				2636	N12
				2640	N13
				2640-IG	N13
				2641	N13
				2643	N13
				2645	N13
				2646	N13
				2650-A	N13
				2650-IG	N13
				2651-2	F14
				2653-2	F14
				2655	N13
				2656	N13
				2660-A	N13
				2661	N13
				2663	N13
				2665	N13
				2666	N13
				2670	N13
				2671	N13
				2673	N13
				2675	N13
				2676	N13
				2680	N14
				2681	N14
				2683	N14
				2685	N14
				2686	N14
				2690	N14
				2691	N14
				2693	N14
				2695	N14
				2696	N14
				2710	N14
				2710-IG	N14
				2711	N14
				2711-CY	N14
				2713	N14



**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

**THIS PAGE 2713-CY-4729-CY**

CAT. NO.	PAGE NO.
2713-CY	.N14
2715	.N14
2716	.N14
2720	.N14
2720-IG	.N14
2721	.N14
2723	.N14
2725	.N14
2726	.N14
2730	.N15
2730-IG	.N15
2731	.N15
2733	.N15
2735	.N15
2736	.N15
2740	.N15
2740-IG	.N15
2741	.N15
2743	.N15
2745	.N15
2746	.N15
2750	.N15
2751	.N15
2753	.N15
2755	.N15
2756	.N15
2760	.N15
2761	.N15
2763	.N15
2765	.N15
2766	.N15
2770	.N16
2771	.N16
2773	.N16
2775	.N16
2776	.N16
2810	.N16
2810-IG	.N16
2811	.N16
2813	.N16
2815	.N16
2816	.N16
2820	.N16
2820-IG	.N16
2821	.N16
2823	.N16
2825	.N16
2826	.N16
2830	.N16
2830-IG	.N16
2831	.N16
2833	.N16
2835	.N16
2836	.N16
3031-2	.F3
3031-2L	.F3
3031-LH	.F4
3031-PL	.F4

CAT. NO.	PAGE NO.
3032-2	.F3
3032-2L	.F3
3033-2	.F3
3033-2L	.F3
3032-PL	.F4
3100B	.07
3100B4W	.05
3100B6W	.05
3100B7W	.05
3100C	.06
3100C4W	.05
3100C6W	.05
3100C7W	.05
3100MI4W	.013
3100MI6W	.013
3100MI7W	.013
3100P	.06
3100P4W	.05, 013
3100P6W	.05, 013
3100P7W	.05, 013
3100R	.07
3100R4W	.05
3100R6W	.05
3100R7W	.05
3125B6W	.016
3125C6W	.016
3125P6W	.016
3125R6W	.016
3152-8	.S9
3254	.G5, R14
3325-C	.N24
3326-C	.N24
3330	.N25
3331-C	.N25
3333-C	.N25
3334-C	.N25
3335-C	.N25
3352-1	.S10
3352-8	.S10
3352-F	.S10
3420-009	.R11
3420-035	.R11
3430	.N25
3431-C	.N25
3433-C	.N25
3434-C	.N25
3435-C	.N25
3500-P	.R19
3500-P	.R19
3500-PC	.R19
3500-PT	.R19
3520	.N24
3521-C	.N24
3523-C	.N24
3524-C	.N24
3525-C	.N24
3720	.N8
3721	.N8
3723	.N8

CAT. NO.	PAGE NO.
3755	.N8, N25
3756	.N8
3762-C	.N25
3763-C	.N25
3764-C	.N25
3765-C	.N25
3769	.N25
3771	.N25
3775	.N25
3777	.N25
3800-DIN	.R12
3800-OEM	.R12
3800-OWM	.R12
3801-DIN	.R12
3803-485	.R11
3803-CAN	.R11
3803-MOD	.R11
3803-SPX	.R11
3803-DHP	.R11
3812-DIN	.R12
3812-OEM	.R12
3812-OWM	.R12
3824-DIN	.R12
3824-OEM	.R12
3824-OWM	.R12
3840-DIN	.R12
3840-OEM	.R12
3840-OWM	.R12
3848-DIN	.R12
3848-OEM	.R12
3848-OWM	.R12
3860-GEF	.R11
3861-ETH	.R11
3862-CON	.R11
3863-DEV	.R11
3880-DIN	.R12
4005	.S10
4006	.S10
4010	.S10
4015-D4F	.S6
4017-D2F	.S6
4020-A3A	.S6
4032-E5F	.S6
4034-F5A	.S6
4063	.S10
4100B	.07
4100B5W	.05
4100B7W	.05
4100B9W	.05
4100B12W	.013
4100C	.06
4100C5W	.05
4100C7W	.05
4100C9W	.05
4100C12W	.05
4100MI5W	.013
4100MI7W	.013
4100MI9W	.013
4100MI12W	.013

CAT. NO.	PAGE NO.
4100P	.06
4100P5W	.05, 013
4100P7W	.05, 013
4100P9W	.05, 013
4100P12W	.05, 013
4100R	.07
4100R5W	.05
4100R7W	.05
4100R9W	.05
4100R12W	.05
4108	.L12
4125B6W	.016
4125C6W	.016
4125P6W	.016
4125R6W	.016
4155	.S11
4158	.S11
4254	.G5, R14
4349-FBA	.D13
4550	.N6
4550-IG	.N6
4560	.N6
4560-IG	.N6
4570-C	.N6
4570-CA	.N6
4570-CY	.N6
4570-IG	.N6
4570-PLC	.N6
4579-C	.N6
4579-CY	.N6
4579-PLC	.N6
4585-C	.N6
4585-CWP	.N30
4586-C	.N6
4586-CWP	.N30
4625A	.L23
4625B	.L19
4700	.N5
4700-IG	.N5
4702-IIR	.N5
4703-IIR	.N5
4710	.N5
4710-IG	.N5
4710-SIG	.N5
4710-SS	.N5
4715-C	.N5
4715-CWP	.N30
4715-FWP	.N30
4716-C	.N5
4716-CWP	.N30
4716-FWP	.N30
4720-C	.N5
4720-CA	.N5
4720-CB	.N5
4720-CY	.N5
4720-PLC	.N5
4729-C	.N5
4729-CB	.N5
4729-CY	.N5

# CATALOG NUMBER ALPHANUMERIC INDEX



**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

**THIS PAGE 4750–5456-VA**

CAT. NO.	PAGE NO.	CAT. NO.	PAGE NO.	CAT. NO.	PAGE NO.
4750	.N6	5088	.G13	5252	.G4
4760	.N6	5089	.G13	5256-VA	.M6
4760-IG	.N6	5098	.G13	5256-VB	.M6
4770-C	.N6	50W50	.M5	5256-VG	.M6
4770-CA	.N6	5100	.R3	5256-VY	.M6
4770-CY	.N6	5100B	.07	5258-SS	.G14
4770-PLC	.N6	5100B5W	.05	5259-VB	.M6
4779-C	.N6	5100B7W	.05	5259-VG	.M6
4779-CY	.N6	5100B9W	.05	5259-VY	.M6
4779-PLC	.N6	5100C	.06	5261	.G4
4785-C	.N6	5100C5W	.05	5261-CH	.G4
4792	.N30	5100C7W	.05	5261-CR	.N20
4794-1R	.N30	5100C9W	.05	5262	.G4
4795-2R	.N30	5100-G15	.R4	5262-IG	.G4
4786-C	.N6	5100-GP	.R3	5262-S	.G4
4800-PS	.R16	5100-GS	.R4	5266-C	.M3
4800-S15	.R16	5100-IPS	.R4	5266-CA	.M3
4800-PSN	.R16	5100IS2	.R4	5266-CB	.M3
4870	.N6	5100MI5W	.013	5266-CG	.M3
4880-C	.N6	5100MI7W	.013	5266-CO	.M3
4889-C	.N6	5100MI9W	.013	5266-CY	.M3
4900-P	.R16	5100P	.R3, 06	5266-N	.M3
4900-P	.R15	5100-P	.R3	5266-PLB	.M3
4900-PC	.R16	5100-PS	.R4	5266-PLC	.M3
4900-PST	.R16	5100P5W	.05, 013	5269-C	.M3
4900-PT	.R16	5100P7W	.05, 013	5269-CA	.M3
4925-2	.E34	5100P9W	.05, 013	5269-CB	.M3
4926	.E34	5100R	.07	5269-CG	.M3
4927	.E19	5100R5W	.05	5269-CO	.M3
4928	.E19	5100R7W	.05	5269-CY	.M3
4934	.E19	5100R9W	.05	5269-N	.M3
4935L	.L52	5100-S15	.R4	5269-PLC	.M3
4937	.M16	5125B6W	.016	5278-C	.M3
4950-PS	.R16	5125C6W	.016	5278-CWP	.M7
4950-PSC	.R16	5125P6W	.016	5278-FWP	.M7
4950-PST	.R16	5125R6W	.016	5279-C	.M3
4970	.E34	5200-GS	.R4	5279-CWP	.M7
4976	.E35	5200-G15	.R4	5279-FWP	.M7
4978	.E35	5200-PS	.R4	5280	.B13, R13
4979	.E35	5200-S15	.R4	5280-IG	.B13, R13
4980	.E35	5206	.G10, H8	5292	.G4
4986	.E35	5207	.G7, M8	5300	.R3
4990	.E34, H7	5224	.I2	5300-G15	.R4
4992	.E34, H7	5224-2	.I2	5300-GP	.R3
4996	.E35, H7	5225	.I2	5300-GS	.R4
4998	.E35, H7	5226	.I2	5300-GSC	.R4
5000	.G17	5239	.M12	5300-GST	.R4
5015	.G14	5240	.M12	5300-HTS	.R4
5028	.G14	5241	.I2	5300-IPS	.R4
5029	.G14	5242	.G4	5300-P	.R3
5031	.G13	5243	.I2	5300-PS	.R4
5032	.G15, M8	5245	.I2	5300-PSC	.R4
5032-I	.M8	5246	.I2	5300-PST	.R4
5040	.G14	5248-4	.G16	5300-S15	.R4
5042	.G14	5248-CP	.G16	5320-CP	.G16
5050	.G10	5249-CAP	.G14	5320-S	.G16
5054	.G7	5249-FBA	.G14	5320-4	.G16
5059	.G14	5250	.G14	5321	.U4
		5251	.G4	5325	.B12
				5325-S	.B12
				5328	.B12
				5334	.I2
				5335	.I2
				5336	.I2
				5340	.G14
				5342	.G14
				5349-FBA	.R15
				5350-BNC	.R15
				5350-PC	.R15
				5350-PT4	.R15
				5350-PT8	.R15
				5350-RS2	.R15
				5350-SAT	.R15
				5350-TBT	.R15
				5350-TEB	.R15
				5350-TLL	.R15
				5350-TTR	.R15
				5351	.G4
				5352	.G4
				5356-VA	.M6
				5356-VB	.M6
				5356-VY	.M6
				5359-VB	.M6
				5359-VY	.M6
				5360-DDS	.R15
				5360-RS2	.R15
				5360-TBT	.R15
				5361	.G4
				5361-CH	.G4
				5361-CR	.N21
				5362	.G4
				5362-S	.G4
				5362-IG	.G4
				5366-C	.M4
				5366-CA	.M4
				5366-CG	.M4
				5366-CY	.M4
				5366-PLB	.M4
				5366-PLC	.M4
				5369-C	.M4
				5369-CA	.M4
				5369-CG	.M4
				5369-CY	.M4
				5369-PLB	.M4
				5369-PLC	.M4
				5371	.G6, M8
				5371-IG	.G7, M8
				5372	.G7, M8
				5372-IG	.G7, M8
				5373	.G9, M9
				5374	.G9, M9
				5374-IG	.G9, M9
				5376	.G7
				5378	.G9
				5380	.B13, R13
				5380-IG	.B13, R13
				5410	.T5
				5456-VA	.M6

Catalog Number Alphanumeric Index

**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

**THIS PAGE 5456-VY-7765-C**

CAT. NO.	PAGE NO.
5456-VY	.M6
5458-SS	.G14
5459-VY	.M6
5461	.G4
5461-CR	.N21
5462	.G4
5462-IG	.G4
5466-C	.M4
5466-CY	.M4
5469-C	.M4
5469-CY	.M4
5478-C	.M4
5478-CWP	.M7
5479-C	.M4
5479-CWP	.M7
5480	.G5, R14
5480-IG	.G5, R14
5490	.G5, R14
5490-IG	.G5, R14
5500-NL	.R17
5500-2NL	.R17
5500-15L	.R17
5500-15N	.R17
5500-20L	.R17
5500-20N	.R17
5500-190	.R17, S27
5500-192	.R17, S27
5501-8	.F12
5501-LH	.F13
5502-8	.F12
5503-LH	.F13
5505-190	.R17
5585	.G15
5601 Series	.B7
5601-Z2I	.B8
5601-Z2W	.B8
5602-2 Series	.B7
5603 Series	.B7
5604-2 Series	.B7
5611 Series	.B8
5613 Series	.B8
5614-2 Series	.B8
5618-2	.B8
5621-2	.B4
5621-C	.B19
5622-2	.B4
5623-2	.B4
5623-C	.B19
5624-2	.B4
5624-C	.B19
5625	.B16, I3
5626	.B16, I3
5627	.B16, I3
5628-2	.B6
5629-2	.B6
5631-2	.B6
5633-2	.B6
5634	.B16, I3

CAT. NO.	PAGE NO.
5636	.B16, I3
5637	.B16, I3
5638-2	.B6
5639-2	.B6
5640	.B16, I3
5641	.B16, I3
5643	.B16, I3
5645	.B16, I3
5646	.B16, I3
5649-2	.B6
5651	.G4
5657-2	.B5
5658-SS	.G14
5659-2	.B5
5661	.G4
5661-CR	.N20
5662	.G4
5662-IG	.G4
5666-C	.M3
5666-CA	.M3
5666-CY	.M3
5669-C	.M3
5669-CY	.M3
5685-2	.B5
5686-2	.B5
5691-2	.B4
5691-C	.B19
5692-C	.A33
5693-2	.B4
5693-C	.B19
5694-C	.B19
5721	.T4
5731	.T4
5801	.G14
5821	.G14
5822	.G14
5823	.G13
5824	.G13
5842	.G13
5844	.G13
5891	.G13
5950-PS	.R20
5950-SCG	.R20
5950-SSG	.R20
5950-ST	.R20
5951-SA	.J14, R20
5952-ET	.J14, R20
5953-PC	.J14, R20
5954-AT4	.J14, R20
5954-PT4	.J14, R20
5955-DT	.J14, R20
5976	.E32
5977	.E32
5978	.E32
5996	.E32
5997	.H7, E32
5998	.E32
6017	.M4
6017-L	.N27

CAT. NO.	PAGE NO.
6018	.M4, K2, K3
6018-L	.N27
6031	.N27
6032	.N27
6033	.N27
6034	.N27
6081-X	.K11
6091-X	.K11
6091	.K11
6124H	.D16
6151	.M12, C34
6161	.C34
6185	.F5
6196	.H7
6196-FS	.H7, E34
6196-V	.H7
6196-VFS	.H7, E34
6197	.B24, H5, E36
6212H	.D15
6215M	.D15
6227	.K13
6230M	.D15
6250-3	.C34
6260M	.D15
6280	.K13
6284	.K16
6285	.K16
6287	.K17
6288	.K17
6289	.K17
6291-WI	.K11
6293-WI	.K11
6294	.K12
6296	.K13
6298	.K13
6299	.K16
6312	.K7
6315	.K7
6316	.K7
6320	.K7
6330	.K7
6337	.K14
6360-CR	.N23
6361-CR	.N23
6364-CR	.N23
6365-CR	.N23
6369-CR	.N23
6370-CR	.N23
6371-I	.K12
6372-CR	.N23
6374-CR	.N23
6375	.K14
6376	.K14
6383-WI	.K11
6386	.K17
6511-6	.U4
6511-12	.U4
6512H	.D15
6515M	.D15

CAT. NO.	PAGE NO.
6516-2PK	.U4
6519-10	.U4
6560M	.D15
6602	.C32
6602-220	.C32
6611	.C31
6613	.C31
6615	.C31
6616-X	.O29
6623	.C31
6627	.C31
6628	.C31
6629-3	.C31
6629	.C31
6630	.C31
6631	.C31
6633-P	.C31
6637-P	.C31
6639	.C32
6641	.C33
6643	.C33
6651	.D16
6652	.D16
6668-1	.C31
6681	.C32
6683	.C32
6691	.C33
6693	.C33
7002	.N2
7070	.S5
7070-M	.S5
7080	.S5
7080-M	.S5
7090	.S5
7090-M	.S5
7092-2M	.S5
7250-FR	.G6, M8
7251-C	.G6, M8
7280	.B13, R13
7310-B	.N24
7313	.G6
7314-C	.N24
7379	.N25
7380	.B13, R13
7408-C	.N24
7409-C	.N24
7410-B	.N24
7411-C	.N24
7413-C	.N24
7420-CR	.E33
7556	.N24
7557	.N24
7565-C	.N24
7567-C	.N24
7582	.N24
7715-CR	.N23
7717-CR	.N23
7764-C	.N25
7765-C	.N25



**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

**THIS PAGE 16462-47621**

CAT. NO.	PAGE NO.
16462	.B11
16462-HG	.B10
16509-1PK	.U3
16509-2PK	.U3
16593	.H5
16594	.H5
16641	.B11
16651	.B11
16662	.H5
16894	.H5
1689-50	.T2
1689-75	.T2
1691-50	.T2
17100-1WY	.C22
17100-2WY	.C22
18201	.F3
18201-C	.F13
18202	.F3
18202-C	.F13
18203	.F3
18203-C	.F13
18204	.F3
18204-C	.F13
18221	.F3
18222	.F3
18223	.F3
18224	.F3
18302-1	.S4
18315	.S9
19062	.S8
19980	.S5
19980-M	.S5
20025	.S12
20070	.S9
20403	.N28
21254	.G5
21254-H	.G5
21254-IG	.G5
21414-B	.N28
21415-B	.N28
23000-HG	.N28
23001-HG	.N28
23004-HG	.N28
23030	.N28
23031-A	.N28
23034-A	.N28
23351	.S15
23452-A	.S18
23452-B	.S18
23452-H	.S18
23452-V	.S18
23453	.S17
23454	.S17
23455	.S17
23518	.S14
23519	.S14
23652 Series	.S15
23653 Series	.S15

CAT. NO.	PAGE NO.
23654 Series	.S16
23660	.S16
23661	.S16
25249-CAP	.G14
25249-FBA	.G14
25349-FBA	.G14
25403	.N28
25414-B	.N28
25415-B	.N28
26115	.C32
26591-37C	.H6
26592-E	.H6
26666-31	.C14
26666-37	.C14
26719 Series	.S19
26720 Series	.S19
26725 Series	.S20, S21
26725-2A Series	.S22
26725-4A Series	.S22
29816-C	.S3
29816-C2	.S3
29816-CM	.S3
32120-1	.R10
32120-DY3	.R10
32277-DY3	.R10
32347-DY3	.R10
32412-DS3	.R10
36591-37C	.H6
36592-E	.H6
40050	.L38
40054	.L38
40066	.L37
40067	.L39
40070	.L64
40072	.L39
40089	.L29, L38
40201	.L22
40214	.L21
40215	.S13
40216	.L21
40223-S	.L21
40226-S	.L21
40238	.L19
40244	.L21
40249	.L19
40253	.L21
40257	.L21
40258	.L19
40259	.L19
40263	.L21
40266	.L21
40274	.L23
40278	.L23
40280	.L19
40539	.L20
40544	.L20, L21
40549	.L19
40566	.L20
40580	.L19

CAT. NO.	PAGE NO.
40588	.L20
40638	.L20, B18
40649	.L20, B18
40680	.L20, B18
40681	.B18, B24
40682	.B18
40734	.L4
40735	.L4
40740	.L58
40782	.L4
40830	.L4
40831	.L4
40832	.L4
40833	.L4
40837	.L5
40841	.J26
40888	.J26
40905	.J26
40914	.L21
40944	.L20
40949	.L20
40951	.J28
40952	.J28
40959	.L20
40985	.L4
40988	.L63
40989	.L59
41010	.L54
41020	.L54
41030	.L24, L56
41034	.L23
41036	.L23
41038	.L23
41044	.L23
41046	.L23
41048	.L23
41054	.L22
41056	.L22
41058	.L22
41080	.L11, L58
41084	.L4, L7
41085	.L7
41086	.L23
41087	.L12
41088	.L23
41089	.L17
41091	.L11
41100	.L58
41106-	.R6L3
41108-R3	.L3
41108-R5	.L3
41108-R8	.L3
41150	.L54
41188	.L53
41225	.L56
41290	.L15
41291	.L15
41292	.L15
41293	.L15

CAT. NO.	PAGE NO.
41294	.L15
41295	.L15
41296	.L15
41360	.L22
41361	.L22
41364	.L22
41365	.L22
41366	.L22
41367	.L22
41368	.L39
41600	.L39
41610	.L39
41620	.L39
41642	.L10, B18
41643	.L10
41644	.L10
41646	.L10
41650-6	.G15
41650-F	.G15
41652-000	.G15
41652-6	.G15
41652-6F	.G15
41658	.L10, B18
41666	.L10, B18
41668	.L10, B18
42001-FMC	.R10
42080	.L11
42120-1	.R10
42120-DY3	.R10
42277-DY3	.R10
42347-DY3	.R10
42400	.J11
42412-DS3	.R10
42777	.L24
42954	.L55
43080	.L12
43105	.L56
43108	.L56
43112	.L56
43115	.L56
45224	.L55
46666	.L64
46721	.J22
47120-007	.R9
47120-4X7	.R9
47277-007	.R9
47277-4X7	.R9
47347-007	.R9
47602	.J6
47603	.J9, J10, J22
47604	.J7
47605	.J3, J4, J7, J10, J13
47606	.J9
47609	.J10
47611	.J15
47612	.J5, J11, J12
47616	.J10
47621	.J22



# CATALOG NUMBER ALPHANUMERIC INDEX



**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

**Catalog Number Alphanumeric Index**

**THIS PAGE 47689-80412-CN**

CAT. NO.	PAGE NO.
47689	.J10
47690	.J18, J21
47691	.J18
47692	.J16, J17
48210	.J17, J23
48211	.J24, J25
48212	.J14
48213	.J10, J20, J21
48500	.U4
48566	.U3
48568	.U3
48580	.U3
48581-PIR	.U3
48585	.U3
48642	.M15
48643	.M15
48648	.M16
48900	.L56
49004	.L27
49005	.L27, L55
49006	.L28, L55
49012	.L27
49103	.L27, L35
49104	.L35
49105	.L35
49108	.L35
49222	.L24
49251	.L30, L55
49252	.L54
49253	.L54
49254	.L28, L30, L55
49255	.L29
49256	.L28
49257	.L29, L58
49258	.L54
49260	.L55
49261	.L55
49262	.L28, L55
49265	.L52
49553	.L59
49560	.L63
49561	.L63
49562	.L63
49563	.U3
49566	.U3
49567	.U3
49568	.U3
49575	.L64
49660	.L63
49686	.U2
49687	.N1
49800	.L48, L60, L61
49816-C	.S3
49875	.S3
49882	.L6, L48
49883	.L6, L48, L61
49884	.L6, L48
49885	.L6, S49

CAT. NO.	PAGE NO.
49886	.L7, L48, L61-L62
49887	.L48
49888	.L6
49889	.L6, L48
49910	.L13
49990	.L7
50208-ASA	.R18
50240-ASA	.R18
50240-MSA	.R18
51000-KIT	.R16
51000-SMC	.R16
51005-WM	.R5
51005-DIN	.R5
51010-WM	.R5
51010-DIN	.R5
51012	.U3
51015-WM	.R5
51015-DIN	.R5
51020-DIN	.R5
51020-WM	.R5
51020-WMT	.R5
51084	.L58
51110-1	.R19
51110-CT8	.R19
51110-PTC	.K15, R19
51120-1	.K15, R19
51120-3	.K15, R19
51120-3R	.K15, R19
51120-PTC	.R19
51240-DIN	.R5
51240-WM	.R5
52000-RS	.R8
52120-7C3	.R9
52120-7M3	.R9
52120-B3	.R8
52120-CM2	.R8
52120-CM3	.R8
52120-M1	.R8
52120-M2	.R7
52120-M2H	.K15, R8
52120-M3	.R8
52220-IM3	.R8
52240-DM3	.R8
52277-7C3	.R9
52277-7M3	.R9
52277-CM3	.R8
52277-M3	.R8
52347-M3	.R8
52412-DS3	.R8
52455	.L30
52480-DM3	.R8
54175-SSA	.R18
54501-2	.F12
54502-2	.F12
54503-2	.F12
54504-2	.F12
54521-2	.F12
54522-2	.F12
54523-2	.F12

CAT. NO.	PAGE NO.
54524-2	.F12
55050	.G10
55054	.G8
55175-ASA	.R18
55175-SSA	.R18
57120-CM3	.R7
57120-C3S	.R7
57120-M3	.R7
57120-M3S	.R7
57220-IM3	.R7
57240-DM3	.R7
57277-CM3	.R7
57277-C3S	.R7
57277-M3	.R7
57277-M3S	.R7
57277-MC3	.R7
57346-M3	.R7
57347-M3S	.R7
57480-DM3	.R7
57600-DM3	.R7
59256	.L57
59257	.L57
59258	.L57
59259	.L57
59260	.L57
59596	.L26
60W03	.N20
60W04	.N21
60W05	.N22
60001	.C16
60002	.C16
60800	.C16
60800-3	.C16
61000	.C16
61000-3	.C16
61027	.C16
61110-A6	.L8
61110-R*6	.L3
61110-B*6	.L3
61500	.C16
62000	.C16
62240	.L32
6234A	.L32
6234B	.L32
62420	.S27
62460	.L30
66591-2C	.H6
66591-6C	.H6
66591-25C	.H6
66591-WL	.H6
66593-3	.H6
66597-3	.H6
66891-3	.H6
66897-3	.H6
69104	.L32
69270	.L25
69271	.L28
69586	.L25
69587	.L28

CAT. NO.	PAGE NO.
69591-3	.H6
69591-25	.H6
69591-W3	.H6
69591-W25	.H6
69593-3	.H6
69891-3	.H6
69891-W3	.H6
70052-100	.S9
71111	.C14
71113	.C14
71511	.C14
71513	.C14
74120-7M3	.R6
74277-7M3	.R6
75120-7M3	.R6
75277-7M3	.R6
7770-CR	.N25, N26
7788-CR	.N23, N25, N26
78001	.E7
78003	.E10
78005	.E23
78009	.E7
78011	.E7
78012	.E8
78013	.E13
78014	.E16
78016	.E10
78021	.E24
78023	.E8
78025	.E16
78036	.E8
80301-S	.B20, B22, E2, E4
80309-S	.B20, B22, E2, E4
80311-S	.B20, B22, E2, E4
80312-S	.B20, B22, E2, E4
80314	.B24, E36
80321-S	.B20, B23, E2, E5
80326-S	.B20, B23, E2, E5
80381	.B18, B24, E36
80400	.B24, C32, E36
80401	.B22, E4, L10
80401-CN	.B19
80401-COI	.E30
80401-COW	.E30
80401-GFI	.E30
80401-GFW	.E30
80401-IG	.B10, E30
80401-N	.B22, E4
80405	.E25
80407	.B23, E5
80408	.B23, E5
80409	.B22, E4, L10
80409-CN	.B19
80409-N	.B22, E4
80411	.B22, E4, L10
80411-CN	.B19
80411-N	.B22, E4
80412	.B23, L10, E4
80412-CN	.B19

**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

**THIS PAGE 80412-N-84077-40**

CAT. NO.	PAGE NO.
80412-N	.B23, E4
80414	.B24, E36, L10
80421	.E25
80423	.B23, E4
80423-N	.B23, E4
80431	.E25
80436	.B23, E4
80436-N	.E5
80455	.E27
80479	.E27
80501	.E7
80503	.E10
80504	.E12
80505	.E23
80506	.E26
80508	.E27
80509	.E7
80511	.E7
80512	.E8
80513	.E13
80514	.E16
80516	.E10
80521	.E24
80525	.E16
80526	.E19
80528	.E19
80530	.E20
80532	.E19
80601	.B22, E4
80605	.E25
80608	.E28
80609	.B22, E4
80611	.B22, E4
80612	.B23, E4
80700	.E36
80701	.E7
80701-RE	.E30
80703	.E10
80703-COI	.E30
80703-COW	.E30
80703-GFI	.E30
80703-GFW	.E30
80703-IG	.E29
80703-RE	.E29
80704	.E12
80704-IG	.E29
80705	.E23
80706	.E26
80707	.E25
80708	.E28
80709	.E7
80711	.E7
80712	.E8
80714	.E16
80716	.E10, E29
80718	.E14
80719	.E17
80720	.E19, E30

CAT. NO.	PAGE NO.
80721	.E24
80723	.E8
80725	.E16
80726	.E19
80728	.E19
80730	.E10
80731	.E25
80732	.E25
80734	.E17
80735	.E16
80736	.E8, E9
80743	.E24
80745	.E25
80746	.E27
80747	.E28
80781	.L19, E31
80782	.L19, E31
80800	.C14
80827	.C15
81000	.C14
81000-3	.C14
81000-L	.C14
81000-L3	.C14
81001	.E7
81001-PB	.E7
81003	.E10
81003-PB	.E10
81004	.E12
81005	.E23
81009	.E7
81009-PB	.E7
81011	.E7
81011-PB	.E7
81012	.E8
81012-PB	.E8
81013	.E13
81014	.E16
81016	.E10
81016-PB	.E10
81017	.E13
81021	.E24
81023	.E8
81023-PB	.E8
81025	.E16
81036	.E8
81040	.E21
81045	.E28
81079	.E22
81080	.E22
81127	.C15
81401	.B22, E4
81401-PB	.B22, E4
81409	.B22, E4
81409-PB	.B22
81411	.B22, E4
81411-PB	.B22
81412	.B23, E5
81423	.B23, E5
81500	.C14

CAT. NO.	PAGE NO.
81500-3	.C14
81527	.C15
82000	.C14
82000-L	.C14
82000-3	.C14
82000-L3	.C14
82001	.E7
82003	.E10
82004	.E12
82005	.E23
82009	.E7
82011	.E7
82012	.E8
82013	.E13
82014	.E16
82016	.E10
82021	.E24
82023	.E8
82025	.E16
82036	.E8
82400	.B24
82400-PRT	.E36
82601	.B22, E4
82602	.B22, E4
82605	.E25
83000-PRT	.E36
83001	.E7
83003	.E10
83004	.E12
83005	.E23
83009	.E7
83011	.E7
83012	.E8
83014	.E16
83014-EXT	.E35
83016	.E10
83025-EXT	.E35
83026	.E19
83028	.E19
83401	.B22, E4
83409	.B22, E4
83411	.B22, E4
84000-PRT	.E36
84000-T	.E36
84000-TSD	.E36
84001	.E7
84001-40	.E7
84001-E40	.E30
84001-LOK	.F7, E34
84003	.E10
84003-40	.E10
84003-E40	.E29
84003-IG	.E29
84004	.E12
84004-40	.E12
84005	.E23
84005-40	.E23
84006-40	.E26
84007	.E23

CAT. NO.	PAGE NO.
84007-40	.E23
84008-40	.E27
84009	.E7
84009-40	.E7
84011	.E7
84011-40	.E7
84012	.E8
84012-40	.E8
84013	.E13
84013-40	.E10, E13
84014	.E16
84014-40	.E16
84016	.E10
84016-40	.E10
84016-E40	.E29
84017-40	.E13
84018-40	.E14
84019	.E17
84019-40	.E17
84020-40	.E19
84021-40	.E24
84022	.E20
84023-40	.E8
84025	.E16
84025-40	.E16
84026	.E19
84028	.E19
84030-40	.E10
84033-40	.E16
84034-40	.E17
84035-40	.E17
84036-40	.E8
84037-40	.E14
84039-40	.E21
84040-40	.E21
84041	.E11
84042-40	.E23
84043	.E24
84045-40	.E28
84046-40	.E26
84047-40	.E28
84048-40	.E9
84049-40	.E9
84050-40	.E9
84052-40	.E12
84055-40	.E11
84056-40	.E11
84057-40	.E18
84061-40	.E13
84062-40	.E13
84064	.E16
84064-40	.E16
84065-40	.E16
84066-40	.E17
84067-40	.E17
84068-40	.E17
84070-40	.E9
84071-40	.E35
84077-40	.E26

# CATALOG NUMBER ALPHANUMERIC INDEX



**Important:** Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

**THIS PAGE 84078-40-97092**

CAT. NO.	PAGE NO.	CAT. NO.	PAGE NO.	CAT. NO.	PAGE NO.
84078-40	E27	85016	E10,E26	86046	E26
84079-40	E22	85017	E13	86047	E28
84080-40	E22	85018	E14	86052	E12
84081-40	E22	85019	E17	86057	E18
84085-40	E28	85021	E24	86062	E13
84087-40	E28	85023	E8	86064	E16
84088-40	E23	85025	E16	86077	E27
84092-40	E21	85030	E10	86078	E27
84101	E7	85033	E16	86079	E22
84101-40	E7	85034	E17	86080	E22
84103	E10	85035	E17	86085	E28
84103-40	E10	85036	E8	86087	E28
84104-40	E12	85037	E14	86101	E7, E8
84105-40	E23	85041	E11	86103	E10
84109-40	E7	85047	E28	86105	E23
84111-40	E7	85052	E12	86106	E26
84112-40	E8	85057	E18	86108	E27
84114	E16	85062	E13	86109	E7
84114-40	E16	85064	E16	86111	E7
84116-40	E10	85101	E7	86113	E14
84119-40	E17	85103	E10	86114	E16
84121-40	E24	85105	E23	86116	E10
84125-40	E16	85106	E26	86400	B24
84130-40	E10	85108	E27	86400-PRT	E36
84133-40	E16	85109	E7	86593	H5
84134-40	E17	85111	E7	86601	B22, E4
84137	E14	85114	E16	86602	B22, E4
84137-40	E14	85116	E10	86605	E25
84146-40	E26	85309	G35	86500-PRT	E36
84147-40	E28	85400	B24	86593	H5
84400-PRT	E36	85400-PRT	E36	87000-PRT	E36
84401-40	B20, E4	85500-PRT	E36	87001	E7
84409-40	B22, E4	86000-PRT	E36	87003	E10
84411-40	B22, E4	86001	E7	87004	E12
84412-40	B23, E4	86003	E10	87005	E23
84421-40	E25	86004	L22, E12	87006	E26
84423-40	B23, E5	86005	E23	87009	E7
84436-40	B23, E5	86006	E26	87011	E7
84440	E36	86007	E23	87012	E8
84441-40	E31	86008	E27	87014	E16
84442-40	E31	86009	E7	87016	E10
84444-40	E31	86011	E7	87018	E14
84455-40	E27	86012	E8	87021	E24
84701-40	E36	86013	E13	87025	E16
84500-PRT	E36	86014	E16	87030	E10
85000-PRT	E36	86016	E10	87400	B24
85001	E7	86017	E13	87400-PRT	E36
85003	E10	86018	E14	88000-PRT	E36
85004	E12	86019	E17	88101	E7
85005	E23	86021	E24	88001	E7
85006	E26	86023	E8	88003	E10
85007	E23	86025	E16	88004	E12
85008	E27	86030	E10	88005	E23
85009	E7	86033	E16	88006	E26
85011	E7	86034	E17	88007	E23
85012	E8	86035	E17	88008	E27
85013	E13	86036	E8	88009	E7
85014	E16	86037	E14	88011	E7
		86041	E11	88012	E8
				88013	E13
				88014	E16
				88016	E10
				88017	E13
				88018	E14
				88019	E17
				88021	E24
				88023	E8
				88025	E16
				88030	E10
				88033	E16
				88034	E17
				88035	E17
				88036	E8
				88037	E14
				88041	E11
				88046	E26
				88047	E28
				88052	E12
				88057	E18
				88062	E13
				88064	E16
				88077	E23, E27
				88078	E27
				88079	E22
				88080	E22
				88085	E28
				88087	E28
				88101	E7
				88103	E10
				88105	E23
				88106	E10, E26
				88109	E7
				88111	E7
				88113	E14
				88114	E16
				88116	E10
				88400	B24
				88400-PRT	E36
				88500-PRT	E36
				88601	B22, E4
				88602	B22, E4
				88605	E25
				89000	U4
				89201	U5
				89203	U5
				89209	U5
				89301	U5
				89303	U5
				89309	U5
				89500-PRT	E36
				90572	T2
				90577-010	T2
				90679-001	T3
				95080	S5
				95110	S5
				97092	S5

**Catalog Number Alphanumeric Index**





Lined area for notes, starting with a thick blue horizontal line at the top, followed by many thin grey horizontal lines.

**Catalog Number Alphanumeric Index**







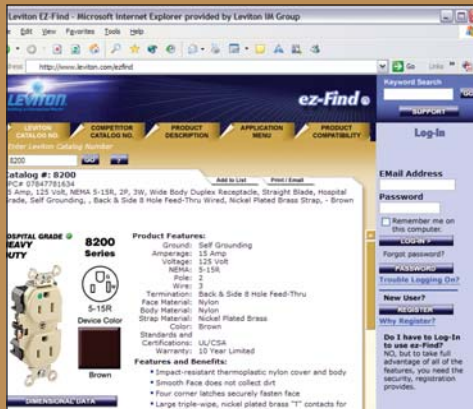
# Leviton's On-Line ez-Find™ Search Tool... Finally, You Can Have It All

Now the industry leader in electrical devices is also the leader in on-line access to product information and a whole lot more. That's because Leviton's ez-Find™ search tool gives you the power to access the most current, up-to-date product information on every product we offer... 24/7 365 days a year.



## Easy Product Searches

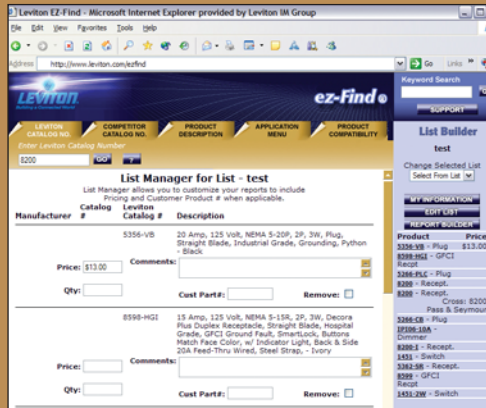
- Find products by inserting Leviton's or a competitor's product number.
- Locate a product by a series of product description drop down menus.
- Search Dimmer-to-ballast compatibility.



## Comprehensive Product Information

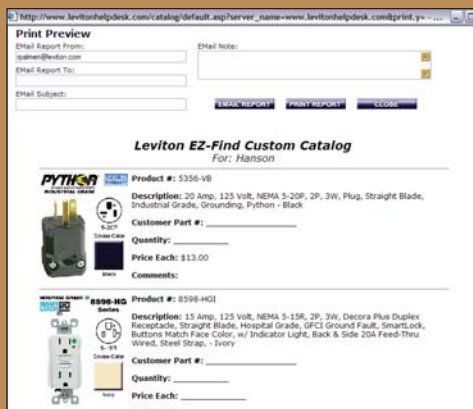
- Each listing gives you a complete product description, including features and benefits, dimensional data, wiring diagrams, complementary products, as well as the product's Leviton catalog page.
- All associated product brochures, spec bulletins and instruction sheets are also available in PDF format for on-the-spot download. Product information can also be emailed or printed for immediate use.

In addition to putting the power of comprehensive product information at your fingertips, Leviton's ez-Find also gives you the power to be more productive with that information.



## List Builder

- Allows you to create and store multiple lists of products
- Customize lists to include pricing and customer part numbers when applicable.



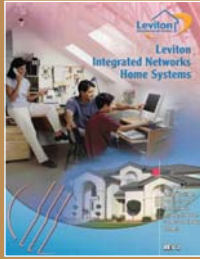
## Report Builder

- Create a custom report from the items you've added to List Builder.
- Report Cover Information supplied by you is used to generate a custom report cover.
- Choose from various report types and preview reports before printing or emailing them to clients, suppliers, or co-workers.

[www.leviton.com](http://www.leviton.com)

# Leviton's Complete Line of Catalogs

## Leviton Integrated Networks Home Systems



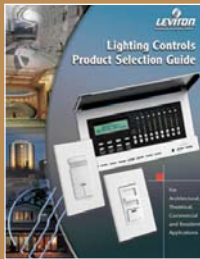
Leviton Integrated Networks Home Systems and Components make it easy for homeowners to take full advantage of the latest communication and entertainment technologies. Includes systems for home control, security, lighting control, power quality and special needs groups.

## Power Quality Products



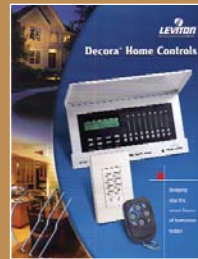
Virtually every facility has microprocessor-driven electronic equipment that is vulnerable to the disruptive and damaging effects of transient voltage surges, voltage sags and power outages. Leviton offers a full line of surge protective devices and Uninterruptible Power Supplies (UPS) to help protect this equipment.

## Lighting Control Products



Leviton offers the most comprehensive line of leading-edge lighting control products in the industry, including box-mounted lighting and fan speed controls, occupancy sensors, timers, energy management systems, architectural lighting control systems and theatrical equipment.

## Decora Home Controls



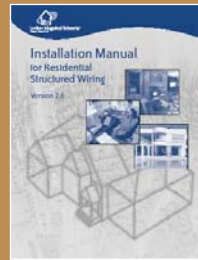
A complete guide to Decora Home Controls Components for automated control of lighting scenes, time-set On/Off lighting control and automated appliance control. Includes application sheets and complete product listing.

## Decora Collection of Designer Devices



A comprehensive look at the Decora collection of designer-styled switches, receptacles, wallplates, lighting controls, voice, data, video and audio devices, and Decora Home Controls. These devices combine sleek design with advanced technology to provide an elegant finishing touch in any interior.

## Structured Wiring Installation Manual



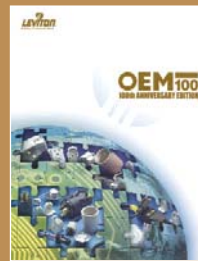
This manual provides a comprehensive description of industry standards, warranties, installer certification, ordinances, tools, job planning, system design and installation techniques for residential structured wiring.

## Night and Day Designer Color Collection



Leviton offers the most complete collection of residential and commercial almond and black colored wiring, electronic and communications devices from a single source.

## Original Equipment Manufacturer Catalog



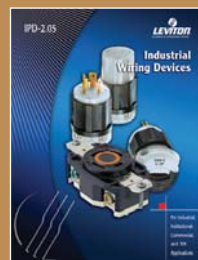
The OEM-100 features Leviton's expanded selection of state-of-the-art lighting products and wiring devices for the OEM market. Includes dimensional drawings and product details to meet the needs of purchasing professionals and specifying engineers.

## Structured Cabling Systems



This catalog covers Leviton copper and fiber connectivity solutions for all types of applications, from big business and service providers with extensive data centers to small businesses and residential installations.

## Industrial Wiring Devices



From Leviton's Industrial Products Division, a complete source of industrial wiring devices for industrial, institutional, commercial and OEM applications. Includes detailed product specifications, dimensional drawings and technical information.

FOR MORE INFORMATION ABOUT OTHER LEVITON PRODUCTS,  
PLEASE CALL OUR CUSTOMER SERVICE AT 1-800-323-8920



**Leviton Manufacturing Co., Inc.**

59-25 Little Neck Parkway, Little Neck, NY 11362-2591  
Telephone: 1-800-323-8920 • FAX: 1-800-832-9538  
Tech Line (8:30AM–7:30PM E.S.T. Monday–Friday): 1-800-824-3005

**Leviton Manufacturing of Canada, Ltd.**

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9  
Telephone: 1-800-469-7890 • FAX: 1-800-563-1853

**Leviton S.A. de C.V.**

General Arista 54-A Col. Argentina, Mexico D.F., C.P. 11270  
Telephone: 011-525-386-1131, 011-525-386-2052 • FAX: 011-525-386-1797

**Visit Leviton's Website at: [www.leviton.com](http://www.leviton.com)**

