LEVITON®

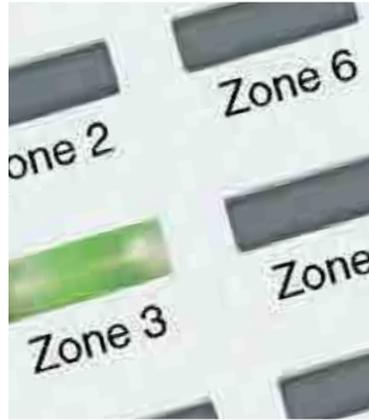# L-101

The Industry's Premier Line of Wiring Devices

Including Power Delivery and Data Connection Devices for Construction & Maintenance

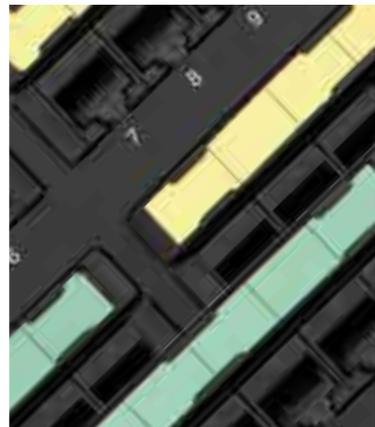**The Largest Selection for Industrial, Commercial and Residential Construction**

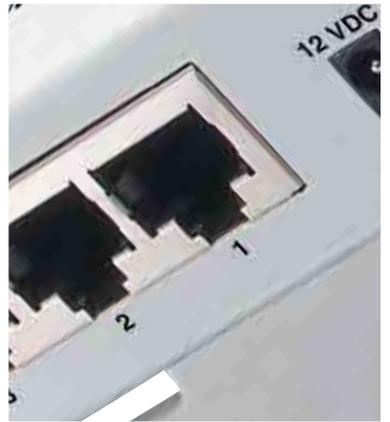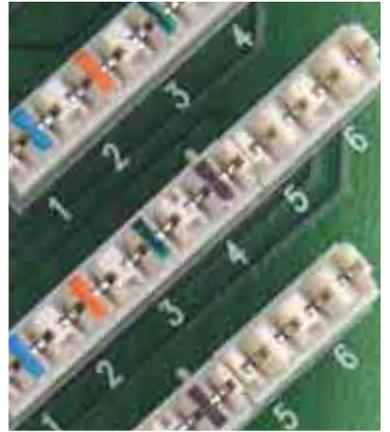# TABLE OF CONTENTS with Quick Reference Index

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LEVITON®

2007 Don Hendler named CEO; Steve Sokolow named Chairman.

New branding launched.

2005 Don Hendler becomes President.

2003 Opening of manufacturing facility in China.

1986 Leviton begins operations in Mexico

1979 Leviton devices used in refurbishing Statue of Liberty and Ellis Island.

1975 Company moves corporate headquarters to Little Neck, NY.

1973 Decora® designer-style devices introduced.

1965 Harold Leviton becomes President and CEO.

1961 Leviton devices installed in the White House.

1953 Acquires Hale Brothers Companies, now known as Leviton Canada.

1939 Leviton devices featured at the World's Fair.

1932 Leviton devices used in Empire State Building.

1929 Leviton relocates to Greenpoint, Brooklyn.

1910 Leviton makes pullchain lampholders for Edison's new light bulbs.

1906 Isidor Leviton opens a small shop in New York making gas mantle tips.

Rooted in a Rich Tradition of Excellence

Isidor Leviton

The Leviton Manufacturing Company offers our customers the most comprehensive selection of wiring devices for virtually every conceivable residential, commercial, industrial and OEM wiring application. From our simple roots at the dawn of the electrical age, our product offering has branched out to include more than 25,000 wiring devices, systems and components which meet the needs of today's rapidly changing global marketplace. And while times have changed, the core principles upon which the Leviton family business was formed remain the same. Quality, innovation and a rich heritage of unparalleled customer service and support are hallmarks of the Leviton name.

From Modest Beginnings to Industry Leader

Like many large companies today, Leviton didn't start out that way. Our founding father Isidor Leviton opened up a small tinsmithing operation in Manhattan in 1906, after emigrating from Russia. The small startup company produced mantle tips for the gas lighting industry. As electricity quickly grew to become the dominant infrastructure for powering the lights and

Harold Leviton

the appliances of the day, the business retooled to produce a single electrical product — the pull-chain lampholder. Envisioning the widespread use of electricity in homes, businesses and factories at the turn of the century, the Leviton Company continued to anticipate marketplace needs. As times changed, so did we, and over ten decades, from simple beginnings, we evolved to become an industry leader with operations throughout North America and around the globe.

Leading the Way through a Rich Family Heritage

Today, standing on the horizon of our second century in business, we're committed to remaining that rarity in the contemporary American business landscape — a third generation family-owned company dedicated to our core vision, philosophy and family culture. From the early days of Isidor Leviton, to the global expansion engineered by the "big-picture" thinking of our late CEO and Chairman, Harold Leviton, to our latest branding and strategic programs under his successor Don Hendler, Leviton's legacy and family tradition live on. Now in our second century, we continue to lead the industry with the most complete selection of products, programs and services.

Don Hendler

No matter what markets you serve...

Your Future Is On with Leviton

There's a good reason Leviton is the number one choice of builders,

architects, electrical contractors, specifying engineers and other electrical professionals we serve. We've set the highest levels of quality and efficiency as our benchmarks. Our products are backed by superior technical service, quality assurance, engineering, research and development, testing and the highest manufacturing standards. This combination of expertise and personal commitment has earned us a worldwide reputation for quality, precision and reliability.

Pioneering Advances

Leviton engineers, designers and researchers apply leading-edge technology in the design of our products. Equipped with the latest

CAD/CAM tools, direct model-making capability and industry-leading R & D and testing facilities, our design staff is able to quickly develop products for every industrial and commercial grade wiring device application, as well as the latest offerings in lighting controls, lighting and energy management systems, structured media components, home automation and a host of other emerging new areas.

Advanced Technologies

Through vertical integration of our manufacturing capabilities,

we fabricate all parts for the devices we produce. This assures unmatched quality, not only in finished products, but also in components and sub-assemblies. Industrial robotics and automated assembly improve our manufacturing process dramatically, so that we are able to measure production times in minutes, and often in seconds. And, our ability to make quick product changeovers enables us to operate at the cutting edge of responsiveness.

Setting the Standard for Service

The true mark of leadership is customer satisfaction. A centralized customer service department lets us service your needs with quick turnaround and maximum efficiency.

Strategically located warehouses throughout North America, equipped with state-of-the-art material handling technologies are interlinked by a computerized network that provides outstanding turnaround and order fill for our customers. Our electronic data interchange (EDI) and vendor managed inventory (VMI) satisfy a broad array of customer needs.

World-Class Quality

Leviton's state-of-the-art manufacturing processes facilitate zero-defect factory output as well as lower production costs. Our quality assurance team has instituted an innovative inspection program that applies statistical process controls to improve product quality. Component parts are checked at every step to ensure that finished devices are perfect. In addition, we use UL as a registrar to secure ISO registration for our manufacturing plants, warehouses and office facilities.

All Leviton manufacturing facilities are ISO 9001 Certified. We are also committed to Six Sigma quality standards as an integral part of our operations. This leads to measurable quality enhancements in all phases of manufacturing, with the goal of achieving a performance standard of 99.9997%, or 3.4 defects per 1 million opportunities.

Powerful Marketing Maximizes Opportunity

Leviton goes to market in the Retail, Distribution and OEM channels. Each has a dedicated Marketing Division applying its depth of expertise to identify opportunities for creating strong sales volume, increased share of market and sustained profitable growth for our customers. In addition, Leviton offers comprehensive marketing and merchandising support that includes advertising, collateral materials, sales aids, incentive programs, award-winning merchandising systems, promotions and in-depth training.

Leading the Industry

Leviton has led the industry at the forefront of progress and innovation for over a century. We sustain this legacy with a continuing commitment to pioneering new technologies, implementing enlightened business policies and providing outstanding responsiveness. The net result is that no matter what markets you serve, it's our pledge to serve you well.

Our Most Comprehensive Catalog to Date

The L-101 Catalog reflects our commitment to support traditional as well as emerging new markets. We expanded this catalog with an extensive line of rugged, high-performance

Industrial Grade devices to satisfy the exacting needs of industrial and institutional users. Also included is a larger offering of devices for commercial and residential applications, including the latest structured wiring and multimedia solutions. Our most comprehensive catalog to date, the L-101 represents our dedicated commitment to serving your complete electrical wiring device needs.

...Leviton will serve you well.

TABLE OF CONTENTS with Quick Reference Index

The L-101 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-101 Catalog can be clearly copied or faxed to customers and prospects for use as a specificr 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.

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

Acenti Collection
Premium Grade

INDEX

Acenti Collection Index

LEVITON®

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 sixplex surge protective receptacles, GFCIs, screwless snap-on wallplates, and QuickPort® multimedia inserts and snap-in connectors.

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.

Clear housing for visual confirmation of termination

Back- and side-wiring screw terminals

Air-gap switch eases service

Multifunction clips for fastening to wallplate

Microcontroller with onboard non-volatile memory

Robust MOV for superior surge protection

Built-in radio/TV interference filter

High-grade triac for superior reliability

LED brightness display

Dim/bright bar

Return-to-neutral push pad

Locator LED

ACI06-1LW

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 and polished metal finish wallplates available to coordinate with premium grade appliances
- Meet all applicable UL, CSA, NOM 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 electromechanical models (120 & 277V in SP, 3W, 4W).
ACS15-1LW shown
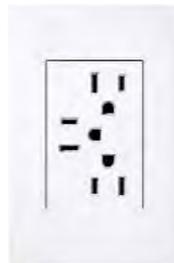
Triplex & Duplex Receptacles
Exclusive space-saving Triplex Receptacle in NEMA 5-15R and 5-20R configurations. Duplex models also available.
AC315-W shown
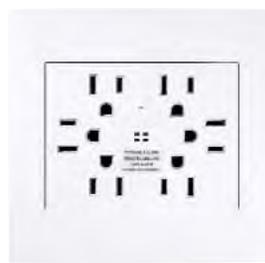
GFCI, Sixplex & Duplex Surge Protective Receptacles
GFCIs feature lockout action for added safety. Exclusive Sixplex Surge Receptacle saves space and helps protect sensitive electronic equipment.
ACSR6-W shown

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

Acenti Collection

A

2

Premium Grade Lighting Controls

Acenti Lighting Controls

All Acenti lighting controls provide single-pole (one 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	ACI06-1L	600W	W, Q, A, S, D, C, G, E
Acenti Magnetic Low-Voltage Dimmer	ACM06-1L	600VA (450W)	W, Q, A, S, D, C, G, E
Acenti Incandescent/ Magnetic Low-Voltage Dimmer	ACM10-1L	1000W/ 1000VA (800W)	W, Q, A, S, D, C, G, E
Acenti Electronic Low-Voltage Dimmer; Neutral required	ACE04-1L	400W	W, Q, A, S, D, C, G, E
Acenti Electronic Low-Voltage Dimmer; Neutral required	ACE06-1L	600W	W, Q, A, S, D, C, G, E
Acenti Advance Mark 10™ *Powerline* or Tu-Wire™ Fluorescent Dimmer; Neutral required	ACX10-1L	1000VA	W, Q, A, S, D, C, G, E
Acenti Hi-lume® or Eco-10™ (Eco-Series) Fluorescent Dimmer; Neutral required	ACH08-1L	8 Amps	W, Q, A, S, D, C, G, E
Acenti Quiet Fan Speed Control (LED Display denotes speed); Neutral required	ACF01-1L	1.5 Amps	W, Q, A, S, D, C, G, E
Matching Remote Unit to 120V Dimmers/Fan Speed Control for 3-Way or up to 5 locations; Neutral required	AC00R-1L	No load rating	W, Q, A, S, D, C, G, E
Coordinating Remote Unit to 120V Dimmers/Fan Speed Control for 3-Way or up to 10 locations, no LED; Neutral required†	AC00R-10	No load rating	W, Q, A, S, D, C, G, E

† 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 dimmer.

ACI06-1LW

Acenti Colors

Alabaster (-W) Quartz (-Q) Natural (-A) Sand (-S) Driftwood (-D) Cocoa (-C) Slate (-G) Onyx (-E)
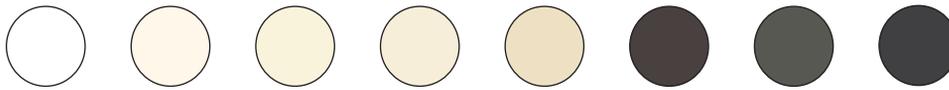
Note: Wallplates are also available in Brushed Stainless Steel, Polished Chrome and 24K Gold finishes. Custom premium colors available.

ACE06-1LW

Maximum Load per Acenti Device

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

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™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Section C for more information.

SPECIFICATIONS AND FEATURES

- Universal design provides 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
- 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
- Screwless, snap-on wallplates in matching and coordinating colors

TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)

- NOM Certified (#057)
- Meets FCC Part 15
- Backed by a Limited Five-Year Warranty

*COLOR

For color selection, add suffix to catalog number as follows: Alabaster (-W), Quartz (-Q), Natural (-A), Sand (-S), Driftwood (-D), Cocoa (-C), Slate (-G), Onyx (-E).

MATERIAL CHARACTERISTICS

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

Acenti Collection

Premium Grade Switches and Adaptive Devices
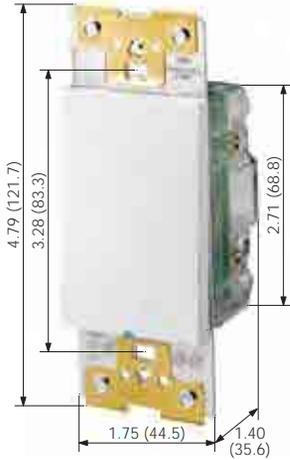
ACS15-1LW
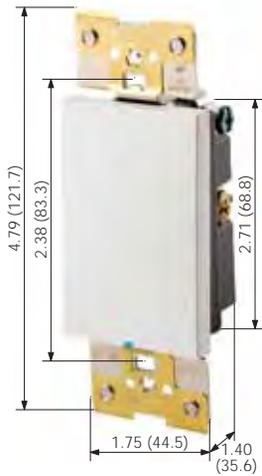
AC201-1LW

ACP15-CBW

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	W, Q, A, S, D, C, G, E
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	W, Q, A, S, D, C, G, E
Coordinating Remote Unit to ACS15-1L Switch for 3-Way or up to 10 locations, no LED; Neutral required	ACOSR-10	No load rating	W, Q, A, S, D, C, G, E
Acenti 20-Amp Non-Dimming Electromechanical Switch for Single-Pole and Motor Loads, with LED Locator	AC201-1L	20 Amp	W, Q, A, S, D, C, G, E
Acenti 20-Amp Non-Dimming Electromechanical Switch for 3-Way Applications, with LED Locator	AC203-1L	20 Amp	W, Q, A, S, D, C, G, E
Acenti 20-Amp Non-Dimming Electromechanical Switch for 4-Way Applications, with LED Locator	AC204-1L	20 Amp	W, Q, A, S, D, C, G, E

Acenti Switches 277V AC ⓊⓁ ⓈⒶ

DESCRIPTION	CAT. NO.	RATING	COLOR*
Acenti 20-Amp Non-Dimming Electromechanical Switch for Single-Pole Applications, with LED Locator	AC201-7L	20 Amp	W, Q, A, S, D, C, G, E
Acenti 20-Amp Non-Dimming Electromechanical Switch for 3-Way Applications, with LED Locator	AC203-7L	20 Amp	W, Q, A, S, D, C, G, E
Acenti 20-Amp Non-Dimming Electromechanical Switch for 4-Way Applications, with LED Locator	AC204-7L	20 Amp	W, Q, A, S, D, C, G, E

Acenti Adapted Devices

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	W, A

Acenti Manual-ON Occupancy Sensor 120V AC 60Hz Only ⓊⓁ ⓈⒶ

DESCRIPTION	CAT. NO.	RATING	COLOR*
Manual-ON Occupancy Sensor, CEC Title 24 Compliant, Single-Pole, 3-Way or more when used with ACP0R Remote or Acenti Switch Remotes ACOSR-1L and ACOSR-10; Neutral required. With LED locator, 180° field of view, 900 sq. ft. coverage.	ACP15-CB	Incandescent: 1800VA, Fluorescent: 1800W at 120V AC. Motor: ½ HP @ 120V AC	W, A, E
Manual-ON Occupancy Sensor Remote Unit, 3-Way or more when used with ACP15 Occupancy Sensor or any Acenti Dimmer; Neutral required. With LED locator, 180° field of view, 900 sq. ft. coverage.	ACP0R-CB	No load rating	W, A, E

SPECIFICATIONS AND FEATURES

Acenti Switches
- Universal design provides 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
- 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

Acenti Occupancy Sensor
- Manual-ON/Automatic OFF operation in accordance with California Title 24 2005 requirements
- ACP15 provides true 3-way control when used with ACP0R Remote – ideal for L-shaped room or any large rooms
- ACP15 can be used with Acenti Switch Remotes for true 3-way control where a single sensor provides

complete room coverage – ideal for rooms with more than one entrance
- ACP0R Remote can be used with any Acenti dimmer for true 3-way control with combined occupancy sensor/ dimmer functionality – ideal for Jack and Jill bathrooms

TESTING AND CODE COMPLIANCE

Switches: • UL Listed (File #E-7458)
- CSA Certified (File #LR-152105)
- Meets NEMA WD-1 & WD-6 requirements

Timer: • UL Listed (File #E-66800)
- CSA Certified (File #LR-68679)

Occupancy Sensor: • UL Listed (File #E-118904)
- CSA Certified (File #LR-152105)
- Conforms to California Title 24 Energy code and FCC regulations

All Devices: • NOM Certified (#057)
- Backed by a Limited Five-Year Warranty

*COLOR

For color selection, add suffix to catalog number as follows: Alabaster (-W), Quartz (-Q), Natural (-A), Sand (-S), Driftwood (-D), Cocoa (-C), Slate (-G), Onyx (-E).

MATERIAL CHARACTERISTICS

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

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

Premium Grade Receptacles

Acenti Receptacles

Acenti Triplex and Duplex Receptacles 125V Ⓤ Ⓢ

DESCRIPTION	CAT. NO./COLOR* 15A/125V 5-15R	CAT. NO./COLOR* 20A/125V 5-20R
Acenti Triplex Receptacle	**AC315** W, Q, A, S, D, C, G, E	**AC320** W, Q, A, S, D, C, G, E
Acenti Duplex Receptacle	**AC215** W, Q, A, S, D, C, G, E	**AC220** W, Q, A, S, D, C, G, E

Acenti GFCI, Sixplex and Duplex Surge Protective Receptacles 125V Ⓤ Ⓢ

DESCRIPTION	CAT. NO./COLOR* 15A/125V 5-15R	CAT. NO./COLOR* 20A/125V 5-20R
Acenti GFCI Receptacle, 20A/125V Feed-Through	**ACGF1** W, Q, A, S, D, C, G, E	**ACGF2** W, Q, A, S, D, C, G, E
Acenti Sixplex Surge Protective Receptacle, 2-Gang with 6" Leads, Indicator Light and Audible Alarm	**ACSR6** W, Q, A, S, D, C, G, E	——
Acenti Duplex Surge Protective Receptacle with Indicator Light and Audible Alarm	**ACSSR** W, Q, A, S, D, C, G, E	——

AC315-W

4.79 (121.7) 3.28 (83.3) 2.77 (70.4) 1.80 (45.7) 1.26 (31.9)

AC215-W

4.79 (121.7) 3.28 (83.3) 2.77 (70.4) 1.80 (45.7) 0.86 (21.9)

ACSR6-W

3.35 (85.0) 1.81 (46.0) 1.26 (31.9) 4.79 (121.7) 3.28 (83.3) 2.77 (70.4) 3.61 (91.7)

ACGF1-W

4.79 (212.7) 3.28 (83.3) 2.70 (168.6) 1.80 (45.7) 1.24 (31.5)
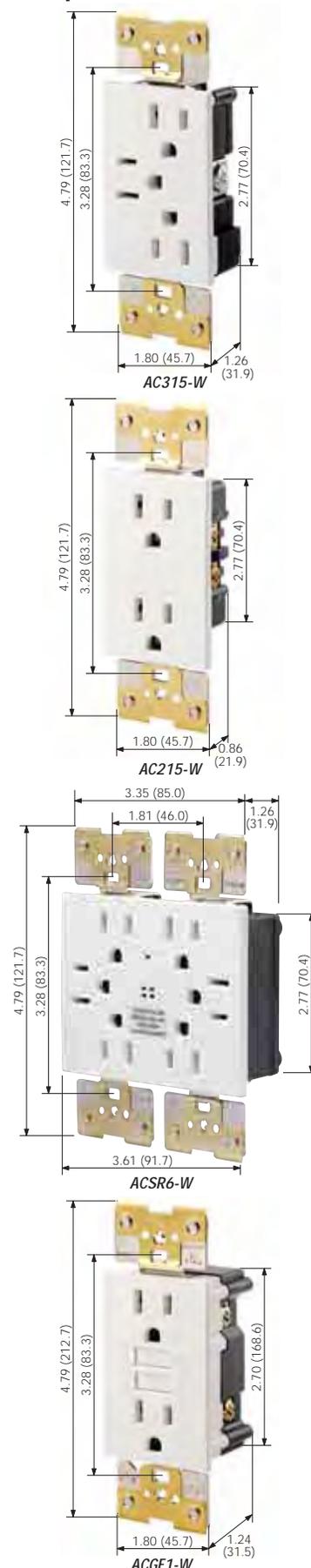
All Triplex and Duplex Receptacles

• 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 Receptacles

• Exclusive space-saving Sixplex Surge Protective Receptacle provides six outlets
• Protect 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)
• NOM Certified (#057)
• Meets NEMA WD-1 & WD-6 requirements
• Backed by a Limited Five-Year Warranty

*COLOR

For color selection, add suffix to catalog number as follows: Alabaster (-W), Quartz (-Q), Natural (-A), Sand (-S), Driftwood (-D), Cocoa (-C), Slate (-G), Onyx (-E).

MATERIAL CHARACTERISTICS

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

Acenti Collection

Premium Grade Wallplates

Acenti Collection

0.30
(7.6)

4.92 (124.9)

3.28 (83.4)

ACWPI-W

ACWM1-STS

ACWM1-PCH

ACWM1-24K

Acenti Screwless Snap-On Wallplates

DESCRIPTION		COLOR*	ENGINEERING GRADE POLYMER CAT. NO.	BRUSHED STAINLESS STEEL CAT. NO.**	POLISHED CHROME CAT. NO.**	24K GOLD CAT. NO.**
1-Gang 1 Acenti		W, Q, A, S, D, C, G, E	ACWP1	ACWM1-STS	ACWM1-PCH	ACWM1-24K
2-Gang 2 Acenti		W, Q, A, S, D, C, G, E	ACWP2	ACWM2-STS	ACWM2-PCH	ACWM2-24K
3-Gang 3 Acenti		W, Q, A, S, D, C, G, E	ACWP3	ACWM3-STS	ACWM3-PCH	ACWM3-24K
4-Gang 4 Acenti		W, Q, A, S, D, C, G, E	ACWP4	ACWM4-STS	ACWM4-PCH	ACWM4-24K
5-Gang 5 Acenti		W, Q, A, S, D, C, G, E	ACWP5	ACWM5-STS	ACWM5-PCH	ACWM5-24K
6-Gang 6 Acenti		W, Q, A, S, D, C, G, E	ACWP6	ACWM6-STS	ACWM6-PCH	ACWM6-24K
Blank Wallplate Insert		W, Q, A, S, D, C, G, E	ACW14	——	——	——

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, brushed stainless steel, polished chrome and 24k Gold metal finishes
- Unique, screwless metal finish 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
- NOM Certified (#057)
- Meet NEMA Standards WD-1, WD-6 (plastic); Meet NEMA and ANSI standards (metal)
- Backed by a Limited Five-Year Warranty

*COLOR

For color selection, add suffix to catalog number as follows: Alabaster (-W), Quartz (-Q), Natural (-A), Sand (-S), Driftwood (-D), Cocoa (-C), Slate (-G), Onyx (-E).
**STS denotes Stainless Steel, PCH denotes Polished Chrome and 24K denotes 24k Gold finishes.

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

Premium Grade Multimedia Connectors and Inserts

Acenti® QuickPort Snap-In Connectors and Wallplate Inserts

Acenti QuickPort® Snap-In Connectors

DESCRIPTION	CAT. NO.
Cat 5e Jack	AC108-R*5
RCA Jack w/Red Stripe	AC830-B*R
RCA Jack w/Black Stripe	AC830-B*E
RCA Jack w/Yellow Stripe	AC830-B*Y
RCA 110 Termination, Orange Barrel	AC735-RO*
RCA 110 Termination, Red Barrel	AC735-RR*
RCA 110 Termination, White Barrel	AC735-RW*
RCA 110 Termination, Yellow Barrel	AC735-RY*
Banana Jack w/Red Stripe	AC837-B*R
Banana Jack w/Black Stripe	AC837-B*E
Binding Post w/Red Stripe	AC833-B*R
Binding Post w/Black Stripe	AC833-B*E
BNC Adapter, Nickel-Plated	AC084-B*F
BNC Adapter, Gold-Plated	AC832-OB*
F-Type Adapter, Nickel-Plated	AC084-F*F
F-Type Adapter, Gold-Plated	AC831-OB*
Blank Insert	AC084-B*B
S-Video Module, 110 Termination	AC734-SV*

4.80 (121.9)

1.80 (45.7)
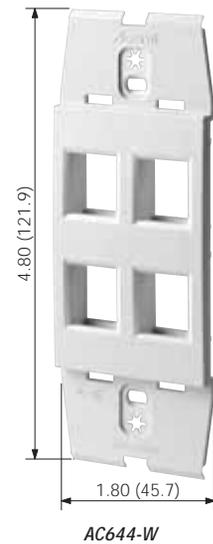
AC644-W

Acenti QuickPort® Multimedia Wallplate Inserts

DESCRIPTION	CAT. NO.	COLOR*
2-Port QuickPort Insert	AC642	W, Q, A, S, D, C, G, E
3-Port QuickPort Insert	AC643	W, Q, A, S, D, C, G, E
4-Port QuickPort Insert	AC644	W, Q, A, S, D, C, G, E
6-Port QuickPort Insert	AC646	W, Q, A, S, D, C, G, E

Alabaster (-W)	Quartz (-Q)	Natural (-A)	Sand (-S)	Driftwood (-D)	Cocoa (-C)	Slate (-G)	Onyx (-E)

SPECIFICATIONS AND FEATURES

- Complements complete line of premium grade Acenti devices
- Provides voice, data, audio and video
- Compatible with the complete collection of Acenti screwless, snap-on wallplates

TESTING AND CODE COMPLIANCE

QuickPort Wallplate Inserts
- UL Listed and CSA Certified
- Meets NEMA Standards WD-1, WD-6

QuickPort Snap-In Connectors and Wallplate Inserts
- Backed by a Limited Five-Year Warranty

*COLOR

When ordering Acenti QuickPort Snap-In Connectors, insert color description where (*) is indicated. Alabaster (W), Quartz (Q), Natural (A), Sand (S), Driftwood (D), Cocoa (C), Slate (G) and Onyx (E).
When ordering Acenti QuickPort Wallplate Inserts, add suffix to catalog number as follows: Alabaster (-W), Quartz (-Q), Natural (-A), Sand (-S), Driftwood (-D), Cocoa (-C), Slate (-G) and Onyx (E).

Acenti Collection

HOW TO USE THIS CATALOG

The L-101 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-101 Catalog can be clearly copied or faxed to customers and prospects for use as a specifier 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.

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

Decora® Devices

Decora Devices Index

LEVITON®

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, satin-finish Stainless Steel and Aluminum.

Almond | Light Almond | White | Ivory

Gray | Red | Ebony (Black) | Mahogany Brown

Brushed Brass | Polished Brass | Stainless Steel | 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.
16352-GY 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-IGR shown

Decora Combo Devices
Compact design fits dual or triple switch, switch/receptacle, or switch/GFCI receptacle into standard wallboxes.
7299-I 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 Devices

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

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.

Triple combination-head mounting screws (straight slot, Phillips and Robertson head)

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

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

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

Self-grounding clip

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 Devices

Commercial Grade Switches

5691-2GY
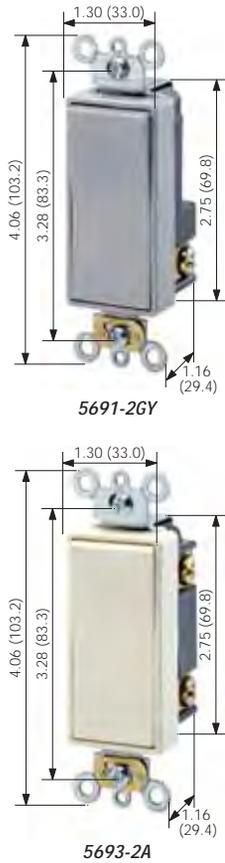
5693-2A

Decora *Plus* AC Quiet Rocker Switches

Back and Side Wired 120/277V AC Ⓤ Ⓒ

DESCRIPTION	15 AMP	20 AMP	ROCKER & FRAME COLOR* *Basic Cat. No. Denotes Mahogany*
Single-Pole	**5691-2**	**5621-2†**	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* *Basic Cat. No. Denotes Mahogany*
Single-Pole, Double Throw, Center OFF	**5657-2**	I, W, A, T, GY, E

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

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Mahogany*
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

Decora Devices
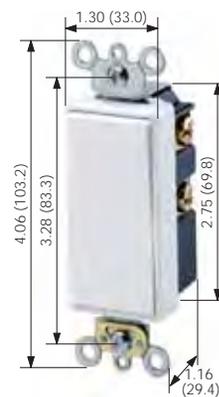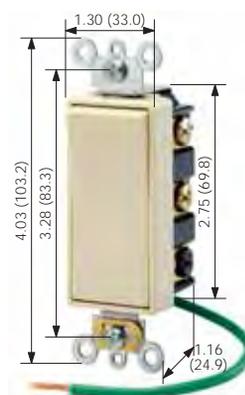
SPECIFICATIONS AND FEATURES

• 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

Commercial Grade Switches
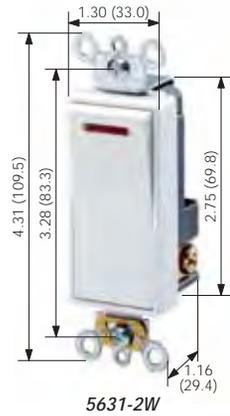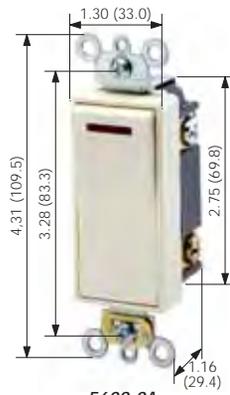
5631-2W

5628-2A
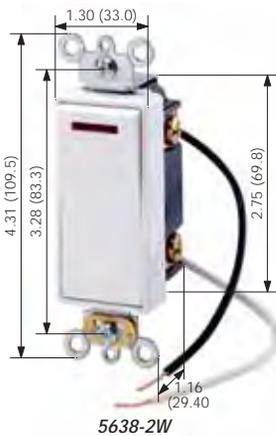
5638-2W

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
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-I	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
	5601-S2I†	Ivory
	5601-S2W†	White
	5601-S2A†	Almond
Double-Pole	5602-2	Mahogany
	5602-2I	Ivory
	5602-2W	White
	5602-2GY	Gray
	5602-2A	Almond
	5602-2T	Light Almond
	5602-2E	Ebony
Three-Way	5603	Mahogany
	5603-I	Ivory
	5603-W	White
	5603-2	Mahogany
	5603-2I	Ivory
	5603-2W	White
	5603-2A	Almond
	5603-2T	Light Almond
	5603-2E	Ebony
	5603-2GY	Gray
	5603-S2I†	Ivory
	5603-S2W†	White
	5603-S2A†	Almond
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)
† Self-grounding when installed in a properly grounded metal wallbox.

5601-2I

1.30 (33.0)
4.20 (106.7)
3.28 (83.3)
2.80 (71.1)
0.99 (25.2)

5603-2E

1.30 (33.0)
4.20 (106.7)
3.28 (83.3)
2.80 (71.1)
0.99 (25.2)

5603-2GY

1.30 (33.0)
4.20 (106.7)
3.28 (83.3)
2.80 (71.1)
0.99 (25.20)

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

Decora Devices

5611-2A

5601-Z2W

911-W
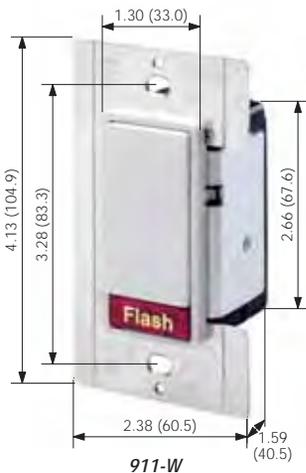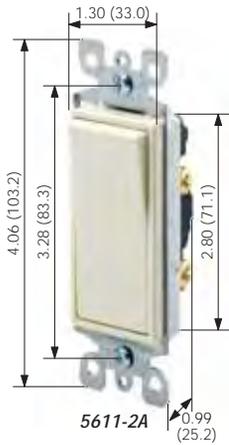
Decora AC Quiet Rocker Switches

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	STOCK MESSAGES AVAILABLE	CAT. NO.	COLOR*
Single-Pole, Stock or Custom Imprinted	FAN, DISPOSAL, OIL BURNER	5601-Z2	I, W

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

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole ON/OFF Molded in Rocker	5601-X2	I, W, A, T, E

911 Flasher Switch

500 WATTS 120V

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

Wallplates

THERMOSET				ALUMINUM	
80401-W	80409-W	80601-I Midway Size	80609-I Midway Size	83401	83409

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
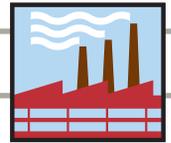
THE BEAUTY, DURABILITY AND VERSATILITY OF DECORA RECEPTACLES

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

Labor-saving self-grounding clip

Heavy-gauge zinc-plated steel locked-in wrap-around strap

Triple-wipe brass contacts for long service life

Back and side wiring holes accept No. 12 or No. 14 copper or copper-clad wire

Combination triple-drive Brass #10-32 screws (Standard, Phillips, Robertson) for fast installation.

16252-W

Decora Devices
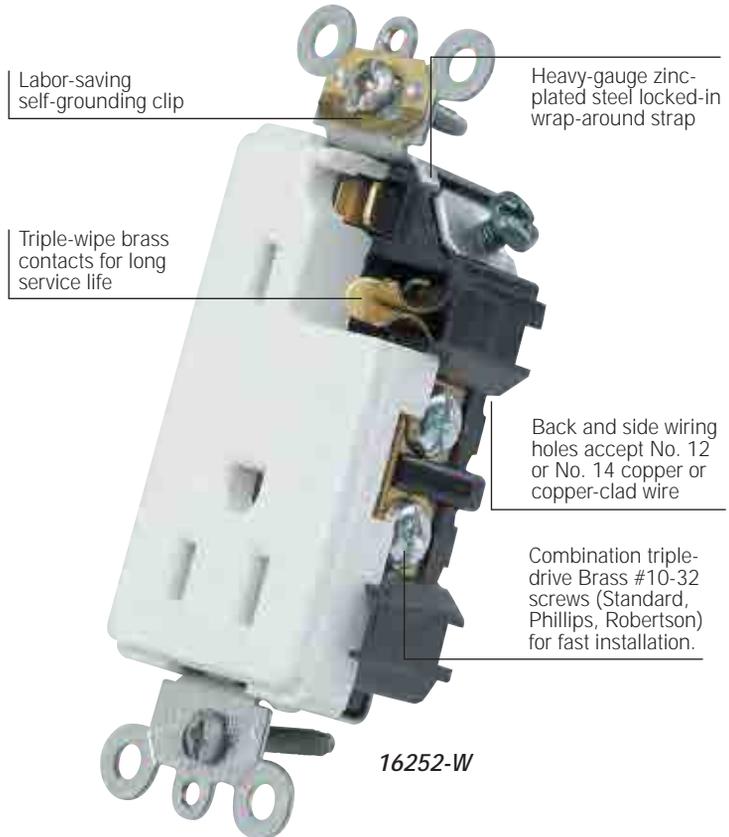
Hospital Grade Tamper Resistant Receptacles
These Hospital Grade receptacles incorporate a unique shutter mechanism that opens easily for insertion of 2 or 3-prong plugs, but prevents the insertion of small objects into either slot.
16262-SGI shown

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 Supressor 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

SmartLockPRO® GFCI Receptacles
SmartLockPRO GFCI meets or exceeds UL 2006 requirements and features a patented lockout action that blocks RESET if GFCI protection has been compromised.
7599-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
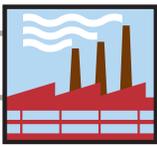
Industrial Grade Receptacles
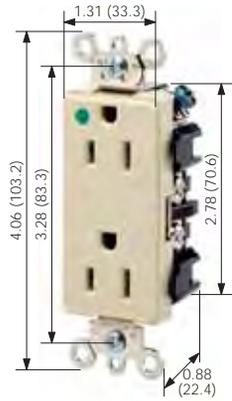
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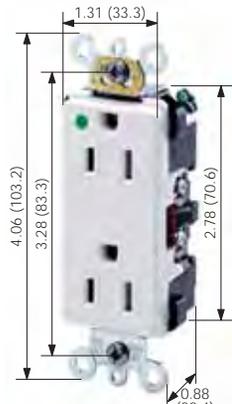
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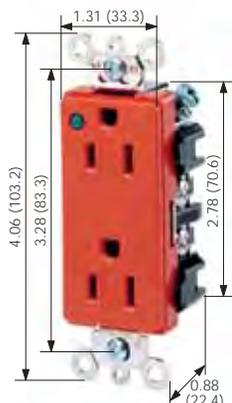
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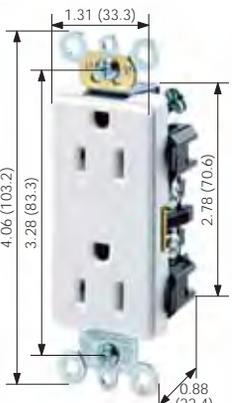
16262-W

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

Back and Side Wired NEMA 6-20R Ⓤ Ⓢ

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

Wallplates for Isolated Ground Devices Engraved with "Isolated Ground" Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	COLOR*
Decora Receptacle Wallplate	**80401-IG**	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 No. 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

Commercial Grade Receptacles

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 5-15R	CAT. NO./COLOR 15A/250V 6-15R	CAT. NO./COLOR 20A/125V 5-20R	CAT. NO./COLOR 20A/250V 6-20R
Duplex	16252 I, W, A, T, GY, E	16662 I, W (No Mahogany)	16352 I, W, A, T, GY, E	16462 I, W (No Mahogany)
Single	16251 I, W	16651 I, W (No Mahogany)	16351 I, W	16451 I, W (No Mahogany)
Tamper Resistant Duplex	DR15S-G 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 5-15R	CAT. NO./COLOR 15A/250V 6-15R	CAT. NO./COLOR 20A/125V 5-20R	CAT. NO./COLOR 20A/250V 6-20R
Duplex	16242 I, W, E	—	16342 I, W, GY, E	—
Single	16241 I, W (No Mahogany)	16641 I, W (No Mahogany)	16341 I, W, A, T, GY, E	16441 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	16292	I, W

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

Wallplates

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

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

16251

16352-A

16342-GY

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 Devices

Residential Grade Receptacles

Decora Devices

5325-A

1.30 (33.0)
4.06 (103.2)
3.28 (83.3)
2.77 (70.5)
0.70 (17.8)

5325-SW

1.30 (33.0)
4.06 (103.2)
3.28 (83.30)
2.77 (70.5)
0.70 (17.8)

5328-W

1.30 (33.0)
4.06 (103.2)
3.28 (83.30)
2.77 (70.5)
0.70 (17.8)

Decora AC Receptacles

Side Wire and Quickwire NEMA 5-15R ⓊⓁ Ⓢ.

DESCRIPTION	CAT. NO.	COLOR*
	5-15R	*Basic Cat. No. Denotes Mahogany*
Duplex	**5325**	I, W, A, T, GY, E
Duplex, Self-Grounding Clip	**5325-S†**	I, W, A, T (No Mahogany)
Duplex, 8-Hole Quickwire	**5328**	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 (UL) (CSA)
(Basic Cat. No. denotes Mahogany device except where noted)

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

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

8380-B

7280-A

5280-W

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 Continuos 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
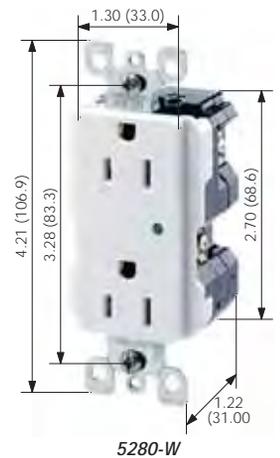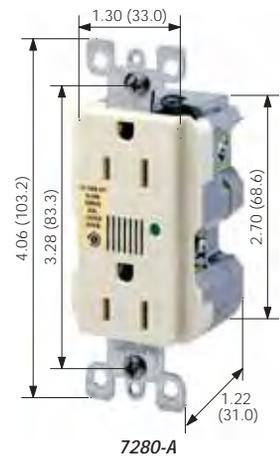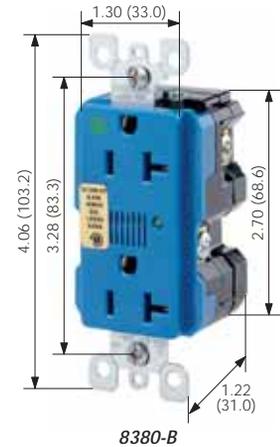
Decora Devices

Commercial Grade Decora Devices

SmartLock*PRO*® GFCI with Professional Grade Lockout Action

Meets or exceeds Underwriters Laboratories (UL) 2006 UL943 GFCI Safety Standards

- Patented professional grade lockout action as end-of-life indication
- Prevents power from being connected to face and feed-through terminals when miswired (line-load reversal)
- Improved immunity to electrical noise to reduce false tripping
- Advanced electronics provide superior surge immunity
- Trip threshold meets or exceeds UL requirements for tripping time

THE SMARTLOCK*PRO*® PROTECTION ADVANTAGE

While other GFCI manufacturers may have taken the alternate route in the 2006 UL Standard by providing an indicator light for end-of-life indication, allowing reset and continued use of a GFCI with unprotected power to the GFCI face and downstream receptacles, the SmartLockPRO's reset button will not engage if protection has been compromised. The SmartLockPRO's unique patented professional grade end-of-life lockout action, reduces the possibility of end-users incorrectly assuming that a reset GFCI outlet is providing ground fault protection when it actually is not.

Ideal for a Wide Range of GFCI Applications

- **Residential** – Kitchens, bathrooms, garages, basements and other wet locations
- **Outdoors** – Outdoor receptacles by pools, cabanas, patios, decks and lanais
- **Hospital and Healthcare Facilities** – Scrub rooms, lavatories kitchenettes and other potentially wet locations
- **Educational Facilities** – Classrooms, restrooms, laboratories, dormitories and kitchens
- **Airports** – Bathrooms, general use areas and maintenance areas
- **Restaurants, Lodging and Retail Malls** – Bathrooms, general use areas and maintenance areas
- **Commercial Offices** – Bathrooms, basement areas, hallways and kitchens
- **Public Areas** – Near wet and damp locations

SPECIFICATIONS AND FEATURES

- Meets or exceeds UL 2006 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
- Line-load diagnostic feature prevents GFCI from being reset and stops power from being fed to the GFCI receptacle face or through to downstream devices. This alerts installer to a line-load reversal. Indicator light will be ON to indicate line-load reversal.
- The SmartLock*PRO*® 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*PRO*® 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)
- CSA Certified (File #LR-57811)
- 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)

Commercial and Hospital Grade GFCI Personnel Protection Devices

Hospital Grade SmartLock*PRO*® GFCI Receptacles

Back and Side Wired 15 AMP 125V at Receptacle, 20 AMP Feed-Through ⓊⓁ Ⓒ Ⓢ Ⓟ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	**7599-HG**	I, W, A, T, G, R	5-15R
Duplex with LED Indicator Light, buttons match face color. DIN-Rail mounting with terminal wiring block. UL Recognized Component	**7599-DIN**	Black Only	

Back and Side Wired 20 AMP 125V at Receptacle and Feed-Through ⓊⓁ Ⓒ Ⓢ Ⓟ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	**7899-HG**	I, W, A, T, G, R	5-20R

7599-HGI

Commercial Grade SmartLock*PRO*® GFCI Receptacles

Back and Side Wired 15 AMP 125V at Receptacle, 20 AMP Feed-Through ⓊⓁ Ⓒ Ⓢ Ⓟ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*	NEMA CONFIG.
Duplex with Indicator Light, buttons match face color	**7599**	I, W, A, T, GY, R, E	5-15R
Duplex with LED Indicator Light, Black & Red buttons. With 6" leads	**7599-L**	I, W (No Brown)	

Back and Side Wired 20 AMP 125V at Receptacle and Feed-Through ⓊⓁ Ⓒ Ⓢ Ⓟ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	**7899**	I, W, A, T, GY, E	5-20R
Duplex with LED Indicator Light, Black & Red buttons. With 6" leads	**7899-L**	I, W (No Brown)	

7599-I

Combination Switch/SmartLock*PRO*® GFCI Outlet

15 AMP @ 125V Side Wired 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	**7299**	I, W, A	5-15R

Blank Face SmartLock*PRO*® GFCI

Back and Side Wired 20 AMP 125V Feed-Through ⓊⓁ Ⓒ Ⓢ Ⓟ

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

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.

Decora Devices

Commercial Grade Combination Devices

5625-T

5634-T

Decora Combination Devices

15 AMP Ⓤ Ⓢ

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

20 AMP Ⓤ Ⓢ

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

HORSEPOWER

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

MATERIAL CHARACTERISTICS

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

Commercial Grade Combination Devices

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 Ground Screw	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 Ground Screw	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.

1755-W

Decora Combination Switch/SmartLock*PRO*® GFCI Outlet

Receptacle: 15 AMP 125V/Feed-through: 20 AMP 125V

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Switch and SmartLock*PRO* GFCI-Protected Outlet with Indicator Light	7299	I, W, A

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.
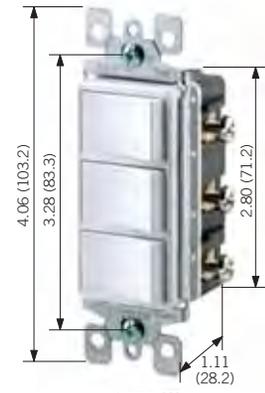
7299-I

- 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*PRO*® GFCI Receptacle replaces standard switch/outlet combination devices in commercial or residential installations
- Space-saving SmartLock*PRO*® GFCI protection in new or retrofit construction
- Switch/SmartLock*PRO*® GFCI Receptacle permits multiple wiring options that allow six different applications

SmartLock*PRO*® GFCI

- Meets or exceeds UL 2006 Code Requirements for line-load reversal indication during installation and end-of-life indication
- 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*PRO*® 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

Commercial Grade Wall Jacks

40649-A
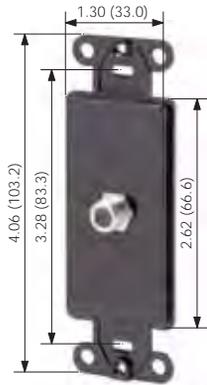
40681
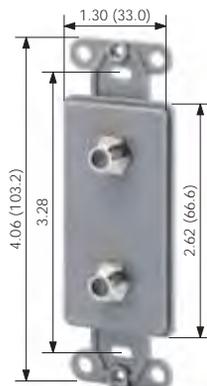
40682-GY

Wall Jacks

Type 625 Single Telephone Wall Jacks ⓊⓁ ⓒⓈⓇ

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

F Connector Wall Jacks* ⓊⓁ ⓒⓈⓇ

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

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

Decora® *Plus* Voice/Data Jacks with QuickPort® Snap-in Modules ⓊⓁ ⓒⓈⓇ

DESCRIPTION	CAT. NO.	COLOR*
Empty, 2-Port Platform, No Jacks	**41642**	I, W, A, T, GY, B
Platform with Two 6-Conductor Jacks	**41666**	I, W
Platform with Two 8-Conductor Jacks	**41688**	I, W, T
Platform with One 6-Conductor Jack and One F Conductor	**41658**	I, W
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	PJ26-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-O
- Backed by a Limited Two-Year Warranty

*COLOR

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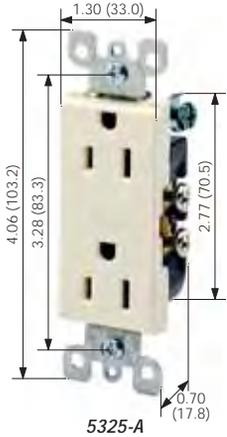
MATERIAL CHARACTERISTICS

Environmental Flammability: Meet specs for UL1863

Decora Devices

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	I, W, G
3-Way Rocker Switch	5623-C	W, G
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
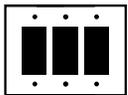
5691-CI

5621-CW
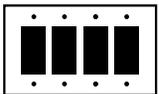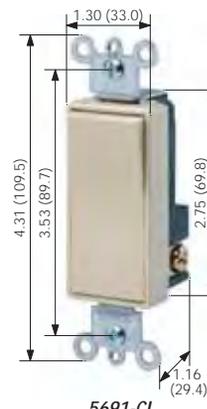
Decora Devices

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
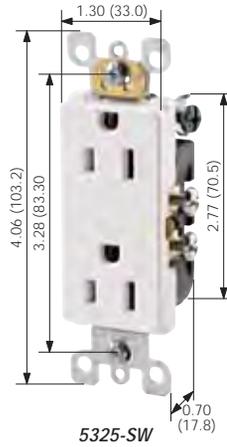Operating Temperature: -40°C to 120°C

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

Decora Wallplates

Standard Size
Single-Gang Screwless Snap-On Wallplate

2.75 (69.9)   0.26 (6.5)

4.61 (117.1)

80301-S

Midway Size
Single-Gang Screwless Snap-On Wallplate

3.13 (79.4)   0.26 (6.5)

4.99 (126.7)

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	SJ26-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	SJ262-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	SJ263-ST
4-Gang 4-Decora	Ivory	80312-SI	SJ264-SI
	White	80312-SW	SJ264-SW
	Almond	80312-SA	SJ264-SA
	Light Almond	80312-ST	SJ264-ST
5-Gang 5-Decora	Ivory	80321-SI	SJ265-SI
	White	80321-SW	SJ265-SW
	Almond	80321-SA	SJ265-SA
	Light Almond	80321-ST	SJ265-ST
6-Gang 6-Decora	Ivory	80326-SI	SJ266-SI
	White	80326-SW	SJ266-SW
	Almond	80326-SA	SJ266-SA
	Light Almond	80326-ST	SJ266-ST

TESTING AND CODE COMPLIANCE	MATERIAL CHARACTERISTICS

• 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

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

B

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

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.

Decora Wallplates

TESTING AND CODE COMPLIANCE	MATERIAL CHARACTERISTICS

- 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)

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

Decora Wallplates

	Thermoset			Thermoplastic		Screwless Snap-On Polycarbonate		Assorted Metals		

DESCRIPTION 1-Gang 1-Decora

COLOR	STANDARD P26	MIDWAY SPJ26	OVERSIZE P026	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	**A26** 83401	——
Gray	80401-GY	——	——	80401-NGY	PJ26-GY	80301-SGY	SJ26-SGY	Brass	**B26** 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	**SN26-N** 84401-40	**S026** SO26
Light Almond	80401-T	80601-T	——	80401-NT	PJ26-T	80301-ST	SJ26-ST			
Red	——	——	——	80401-NR	PJ26-R	——	——			
Blue	——	——	——	80401-NB	PJ26-BU	——	——			

DESCRIPTION 2-Gang 2-Decora

COLOR	STANDARD P262	MIDWAY SPJ262	OVERSIZE P0262	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	**A262** 83409	——
Gray	80409-GY	——	——	80409-NGY	PJ262-GY	80309-SGY	SJ262-SGY	Brass	**B262** 81409	——
White	80409-W	80609-W	88602	80409-NW	PJ262-W	80309-SW	SJ262-SW	Polished Brass	81409-PB	——
Brown	80409	80609	——	80409-N	——	80309-S	SJ262-S	430 S/S	*	*
Almond	80409-A	80609-A	82602	80409-NA	PJ262-A	80309-SA	SJ262-SA	302 S/S	**S262-N** 84409-40	**S0262** SO262
Light Almond	80409-T	80609-T	——	80409-NT	PJ262-T	80309-ST	SJ262-ST			
Red	——	——	——	80409-NR	——	——	——			
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	——	——	80611-E	——	80311-SE	SJ263-SE	Aluminum	**A263** 83411	——
Gray	80411-GY	——	——	80411-NGY	PJ263-GY	——	——	Brass	**B263** 81411	——
White	80411-W	80611-W	——	80411-NW	PJ263-W	80311-SW	SJ263-SW	Polished Brass	81411-PB	——
Brown	80411	80611	——	80411-N	——	——	——	430 S/S	*	*
Almond	80411-A	80611-A	——	80411-NA	PJ263-A	80311-SA	SJ263-SA	302 S/S	**S263-N** 84411-40	**S0263** SO263
Light Almond	80411-T	80611-T	——	80411-NT	PJ263-T	80311-ST	SJ263-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.

Residential and Commercial Grade Decora Wallplates

DESCRIPTION 4-Gang 4-Decora

COLOR	Thermoset STANDARD P264	MIDWAY SPJ264	OVERSIZE	Thermoplastic STANDARD N264	MIDWAY PJ264	Screwless Snap-On Polycarbonate STANDARD	MIDWAY	Assorted Metals 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	**B264** 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	**S264-N** 84412-40	
Brown	80412	80612	——	80412-N	——	80312	——			
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	SJ264-ST			

DESCRIPTION 5-Gang 5-Decora

COLOR	STANDARD P265	MIDWAY	OVERSIZE	STANDARD N265	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80423-I	——	——	——	——	80321-SI	SJ265-SI	Brass	**B265** 81423	——
Black	80423-E	——	——	——	——	——	——	430 S/S	*	——
Gray	80423-GY	——	——	——	——	——	——	302 S/S	**S265** 84423-40	——
White	80423-W	——	——	——	——	80321-SW	SJ265-SW			
Brown	80423	——	——	——	——	——	——			
Almond	80423-A	——	——	——	——	80321-SA	SJ265-SA			
Light Almond	80423-T	——	——	80423-NT	——	80321-ST	SJ265-ST			

DESCRIPTION 6-Gang 6-Decora

COLOR	STANDARD P266	MIDWAY	OVERSIZE	STANDARD N266	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80436-I	——	——	——	——	80326-SI	SJ266-SI	Brass	**B266** *	——
Black	80436-E	——	——	——	——	——	——	430 S/S		——
Gray	80436-GY	——	——	——	——	——	——	302 S/S	**S266-N** 84436-40	——
White	80436-W	——	——	——	——	80326-SW	SJ266-SW			
Brown	80436	——	——	——	——	——	——			
Almond	80436-A	——	——	80436-NA	——	80326-SA	SJ266-SA			
Light Almond	80436-T	——	——	——	——	80326-ST	SJ266-ST			

DESCRIPTION 7-Gang 7-Decora

COLOR	STANDARD S607	MIDWAY	OVERSIZE	STANDARD	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80407-I†	——	——	——	——	——	——	Brass	**B607** *	——
White	80407-W†	——	——	——	——	——	——	430 S/S	*	——
								302 S/S	**S607-N** *	——

DESCRIPTION 8-Gang 8-Decora

COLOR	STANDARD S609	MIDWAY	OVERSIZE	STANDARD	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	——	——	——	——	——	——	——	Brass	**B609** *	——
White	80408-W†	——	——	——	——	——	——	430 S/S	*	——
								302 S/S	**S609-N** *	——

*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.

Decora Wallplates

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

Decora® *Plus* Standard Size Plastic Adapters
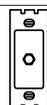
DESCRIPTION		CAT. NO.	COLOR*
CATV Jack		80381	I, W, A, T, GY, E
Blank (no hole)		80314	I, W, A, T, GY, E

80400-I

80414-W

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).
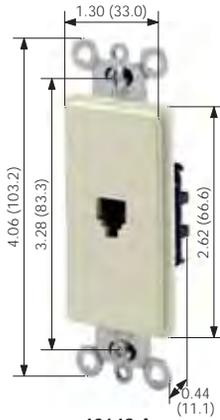
MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

Decora Wallplate Accessories

GET A FLAWLESS FLUSH-MOUNTED INSTALLATION WITH LEVITON'S LINE OF RECESSED DEVICES

For an almost invisible installation behind wall-mounted TVs, entertainment centers, monitors and more, connect with Leviton Recessed Devices. The Recessed Entertainment Box (REB) centralizes AC power and low-voltage connection points for audio, video, data and phones. For smaller applications, choose the Two-Gang Recessed Duplex Receptacle with openings for 6 installer-selected QuickPort® connectors or the One-Gang Recessed Duplex Receptacle.

Features and Benefits

■ Recessed Entertainment Box (REB) centralizes points for AC power, audio, video, home theater, data and phone connections

■ Recessed two-gang duplex receptacle with openings for 6 QuickPort® Connectors installs invisibly behind wall units and wall-mounted flat-panel TVs

■ Two-gang duplex receptacle is fully compatible with Leviton's QuickPort snap-in modules, including component video and S-Video signal connectors (not included)

■ Recessed One-Gang Duplex Receptacle supplies AC power for two components (flat panel TVs and video receiver)

■ Meet all applicable UL and CSA requirements

■ Backed by a Limited Two-Year Warranty

AC Power Connectors

Video Service Connectors (Satellite TV/CATV)

Telephone/ Fax/Modem Connectors

Support All Home Theater Connectors
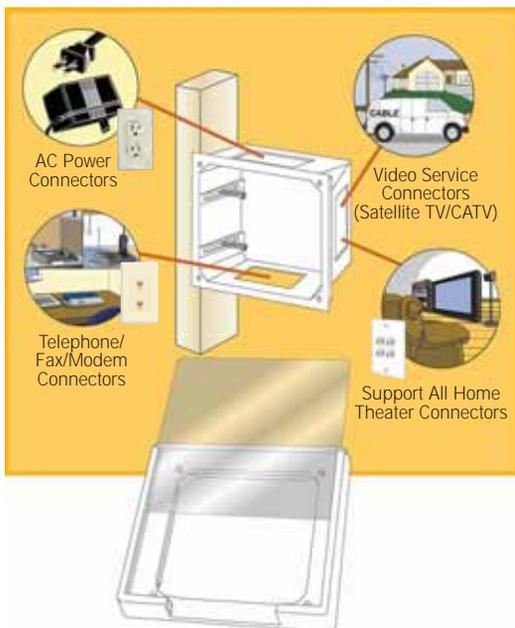
The Recessed Entertainment Box
Centralizes home theater electronics in a single location. Ideal for new construction and retrofit applications. (QuickPort® connectors not included)
47617-REB shown

Recessed Duplex Receptacle with Connector Openings
Flush mounts to install invisibly behind wall units and flat panel TVs. Provides openings for 6 installer-selected QuickPort connectors.
690-W shown

Recessed One-Gang Duplex Receptacle
Supplies AC power for two components and provides sleek installation for signature artwork and flat panel TVs.
689-W shown

Decora Devices

Residential Grade Recessed Devices
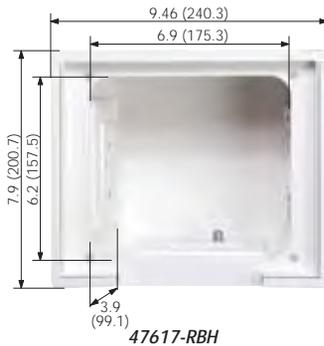
47617-RBH
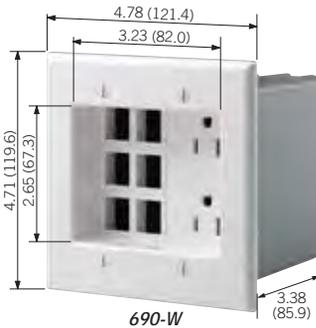
690-W
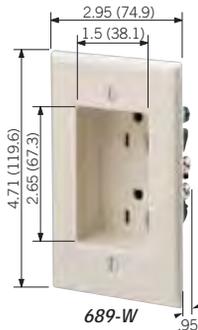
689-W

688-W

Recessed Entertainment Box

DESCRIPTION	CAT. NO.	COLOR*
REB Box with Low-Profile Frame	**47617-REB**	White
High-Profile Cover	**47617-HPC**	White
Low-Profile Frame	**47617-LPF**	White
Replacement Snap-In Plates (2/Bag)	**47617-PLT**	White
REB Box with High-Profile Cover	**47617-RBH**	White

Decora Recessed Receptacles

Duplex Recessed Receptacles
15A-125V AC, 2-Pole, 3-Wire, NEMA 5-15R Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
Two-Gang Duplex Receptacle with Openings for 6 QuickPort Connectors (4 blank inserts included)†	**690**	I, W, T, E	5-15R
One-Gang Duplex Receptacle	**689**	I, W, T, E	

† QuickPort Connectors not included.

Single Recessed Receptacles
Side-Wired 15A-125V AC, 2-Pole, 3-Wire, NEMA 5-15R Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
One-Gang Single Receptacle with Clock Hanger Hook	**688**	I, W	5-15R
One-Gang Single Receptacle with Clock Hanger Hook	**5261-CH**	Stainless Steel	

Side-Wired 20A-125V AC, 2-Pole, 3-Wire, NEMA 5-20R Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
One-Gang Single Receptacle with Clock Hanger Hook	**5361-CH**	Stainless Steel	5-20R

SPECIFICATIONS AND FEATURES

Recessed Entertainment Box
- Manages home theater, satellite TV, Internet, whole-house audio/video and home-networking electronics from a single location
- Ideal for new construction (stud-mounted) and retrofit (wall-mounted) applications
- Low-profile frame provides neat, clean recessed installation
- Optional high-profile cover includes sliding plastic front panel and channels all wires through the bottom of the REB
- Any combination of line and low-voltage products can be configured in the three device opening
- Paintable white ABS molded plastic for structural integrity

Recessed Two-Gang Duplex Receptacle with QuickPort Openings
- Provides 2 15A/125V AC NEMA 5-15R power outlets and openings for 6 installer-selected QuickPort connectors or blank inserts (4 inserts included)
- Fully compatible with Leviton's QuickPort Snap-In modules, including component video and S-video signal connectors (not included)
- Includes plastic electrical box designed for use in new and retrofit construction and a barrier to separate line and low-voltage conductors
- Wallplate built into device

Recessed One-Gang Duplex Receptacle
- Installs invisibly behind wall units, signature artwork and wall-mounted flat-panel TVs
- Supplies AC power for two components (flat panel TVs and video receiver)
- Fits most common electrical boxes available (electrical box not included)

Recessed One-Gang Single Receptacles
- Includes clock-hanger hook
- Flush mount with square recess

TESTING AND CODE COMPLIANCE

Recessed Receptacles
- cULus Listed
- NOM Certified (#057)

All Recessed Devices
- Backed by a Limited Two-Year Warranty

*COLOR
For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Light Almond (-T) and Black (-E).

MATERIAL CHARACTERISTICS
Environmental: Flammability UL-94, V2 Rating

Operating Temperature: -40˚ to 120˚C

Decora Devices

Lighting and Fan Speed Controls

INDEX

Lighting and Fan Speed Controls Index

LEVITON®

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

One-touch scene recall buttons

Built-in IR receiver for use with hand-held remote control

Individual zone dim/bright control

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.

Architectural Lighting Control Systems *(side margin)*

DIMENSIONS D3200 SYSTEM	DIMENSIONS D4000 SYSTEM

D3200 Scene Controller
Four-scene Decora® wall controller with Off switch. Ideal for secondary entranceways and residential applications.
NE505 shown

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 LCnet SmartJack (with Software)
PC/laptop-to-network jack that enables D3200 Data Manager software.
NE100-00C shown

D4000 Series Multizone Controller
32-zone digital lighting controller and entry station used with dimming cabinets, relay cabinets remote receivers, and accessory stations.
D4200-00W shown

D4000 Series Remote Station
Decora-style wall controllers in 15 versions, each with unique range of D4000 functionality.
D42P8-00W shown

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

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.	D3204-1LW	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™ *Powerline* 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.	D3206-1LW	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).	D3208-1LW	Same as D3204-1LW	W
D3204 Multizone Controller/Dimmer—same as D3204-IL except rated for 230V loads.	D3204-2LW	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™ *Powerline* 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.	D3206-2LW	Same as D3204-2LW	W
Dimensions D320x Color Change Kits	D32CK	——	II, WW, AA, GG, EE, SW

D3208

4.73 (120.1)

8.80 (223.5)

2.65 (67.3)

2.26 (57.4)

2.63 (66.8)

2.84 (72.1)

Architectural Lighting Control Systems

Commercial Grade Lighting Controls

NE505

NE210

Architectural Lighting Control Systems

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.	**NE505**	Input Voltage: 24VDC Input Current: 24mA	White with Ivory Color option*
NE505 Color Change Kit with Customizable Labels (wallplates sold separately)	**DCK05-OC**	——	I, W, A, G, E
Decora Partition Controller–with 5 buttons (4 walls and Reset). For use in D3208 system.	**NE515**	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.	**NE210**	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.	**NE600**	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.†	**NE100-00C**	No load rating	White with Ivory Color option*
Power Extenders—Extend the power handling capacity of any D3206/D3208 dimming zone or activates auxilary zones.	*See page C7 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 C7

†Software can be downloaded from www.leviton.com/D3200

Dimensions D3200

SPECIFICATIONS AND 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

D3200 System Components

*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-OC 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 D4000 Series Architectural Lighting Control System

The Dimensions D4000 Series offers a wide range of entry stations and accessories for a powerful and flexible lighting control solution. Easy to install, configure and operate, D4000 Series products are scalable for every application from stand-alone systems to a complete network environment.

Product Compatibility Chart

D4000 Series Controllers	PRODUCTS BEING CONTROLLED										
	D4200 Entrance Stations	D4200 Partition Stations	iSeries e a-2000 MDS	Z-MAX Network Panels	NPC	D4104/ D4106	D4200	D4206	D4006	Closure Input/ Output	AV
D4104/ D4106	Yes	Yes	—	—	—	—	—	—	—	—	—
D4200	Yes	Yes	Yes	Yes	Yes	—	Yes	Yes	Yes	Yes	Yes
D4206	Yes	Yes	Yes	Yes	Yes	—	Yes	Yes	Yes	Yes	Yes
D8000	—	—	Yes	Yes	Yes	—	—	Yes	Yes	Yes	Yes

D4200

D42P8-00W

SPECIFICATIONS AND FEATURES

- Up to 32 zones/channels of control
- Up to 6 Internal Network Dimmers
- Scene memory 16 + 2
- Fade times for each scene
- Room partition control
- Remote dimmer configuration
- Includes Lockout and Sequencer
- Complete multi-event scheduler
- Integrated astronomical time clock
- Dimmer Rating for Incandescent, Advance Mark 10®*, Lutron Tu-Wire®* and Magnetic Low Voltage load types:
  - 120V: Max 1,000W per Dimmer; Max 1,920W per unit (continuous); Max 1,200W per side
  - 230V: Max 800W per Dimmer; Max 2,420W per unit (continuous); Max 1,200W per side

D4104/D4106 Stand-Alone Systems
- Compatible with Entry and Room Combine Stations
- Used when integration with other product or rooms is not required.
- 4 or 6 channels and dimmers

D4200 Network Controller
- Full network compatibility
- 32 control channels
- Used to control other dimmers or relays on the Luma-Net network

D4206 Network Controller w/Dimmers
- Full network and device compatibility
- 32 control channels
- Used to control other dimmers or relays on the Luma-Net network
- 6 internal dimmers

D4006 Remote Dimmer
- Full network compatibility
- Controllable by any network controller
- Start channel and Network ID (address) set from front panel
- Full configuration from any connected D4200 or D4206
- 6 internal dimmers

Entrance Stations
- Connect to controller via Luma-Net network
- Used to remotely control scenes and zones on a master station

Command Stations
- Connect to controller via Luma-Net network
- Used to execute commands on a master station

Room Combine Stations
- Connect to controller via Luma-Net network
- Requires 1 Master station in each room, addressed 10 for room 1, 20 for room 2, etc.
- Other room-combine options available, contact your local sales agent for more information

* Mark 10® is a registered trademark of Advance Transformer Company.
   Lutron Tu-Wire® is a registered trademark of Lutron Electronics Co., Inc.

APPLICATIONS

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

Commercial Grade Lighting Controls
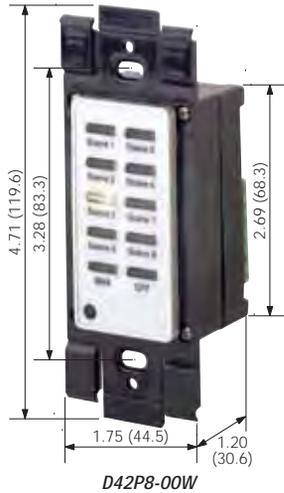
D42P8-00W

D42CS-03W

D42IR-16L

Dimensions D4000 Series Architectural Lighting Controls

Dimensions D4000 Series Lighting Controller

DESCRIPTION	CAT. NO.
120V, 4 Channels/Dimmers, Stand-Alone System	D4104-1LW
230V, 4 Channels/Dimmers, Stand-Alone System	D4104-2LW
120V, 6 Channels/Dimmers, Stand-Alone System	D4106-1LW
230V, 6 Channels/Dimmers, Stand-Alone System	D4106-2LW
Network Controller	D4200-00W
120V, 6 Channels/Dimmers, Network Controller w/Dimmers	D4206-1LW
230V, 6 Channels/Dimmers, Network Controller w/Dimmers	D4206-2LW
120V, 6 Channels/Dimmers, Remote Dimmer	D4006-1LW
230V, 6 Channels/Dimmers, Remote Dimmer	D4006-2LW

Dimensions D4000 Series Wall-Mounted Remote Stations

One-button Start/Stop Sequencer	D42SQ-00W
One-button Start/Stop Event Timer	D42ET-00W
One-button Join/Separate Link	D42LI-NKW
One-button Lock/Unlock	D42LO-CKW
Two-button: Preset Scene 1 and OFF, built-in IR receiver	D42P1-00W
Two-button: Master Raise and Lower, built-in IR receiver	D42RL-00W
Two-button: Preset Scene Max and OFF, built-in IR receiver	D42M0-00W
Three-button: Preset Scene 1, Max and OFF, built-in IR receiver	D42P1-M0W
Four-button: Max, OFF, Master Raise and Lower, built-in IR receiver	D42M0-RLW
Five-button: Preset Scenes 1–4 and OFF, built-in IR receiver	D42P4-00W
Five-button: Preset Scene 1, Max, OFF, Master Raise and Lower, built-in IR receiver	D42P1-RLW
Eight-button: Preset Scenes 1–4, Max, OFF, Raise and Lower, built-in IR receiver	D42P4-RLW
Eight-button: Preset Scenes 9–16	D42P9-16W
Ten-button: Preset Scenes 1–8, Max and OFF, built-in IR receiver	D42P8-00W
Ten-button: Preset Scenes 9–16, Raise and Lower, built-in receiver	D42P9-RLW

Dimensions D4000 Series Room-Combine Stations

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

Dimensions D4000 Series IR Handheld Controls†

Four Preset Scenes	D42IR-04L
Eight Preset Scenes	D42IR-08L
Sixteen Preset Scenes	D42IR-16L

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

See page C5 For Dimensions D4000 Series Specifications and Features

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-D0W	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 Advance Transformer Company.
Hi-Lume® is a registered trademark of Lutron Electronics Co., Inc.

Auxillary-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

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, 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, and Mural. 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-D0W	Must use 120V 600W Incandescent version of Acenti, IlumaTech, Mural, True Touch, 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-D0W	Must use 120V 600W Incandescent version of Acenti, IlumaTech, Mural, True Touch, 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.

4.72 (119.9)

4.50 (114.3)   2.06 (52.3)
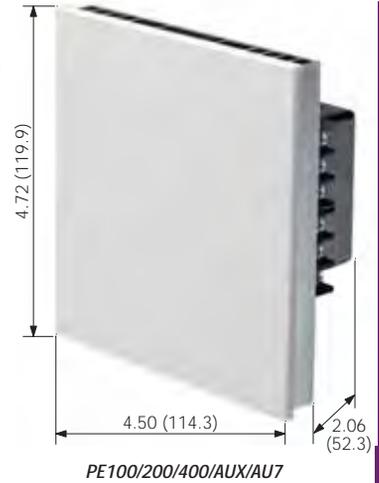
PE100/200/400/AUX/AU7

4.30 (109.2)

4.00 (101.6)   3.62 (91.9)
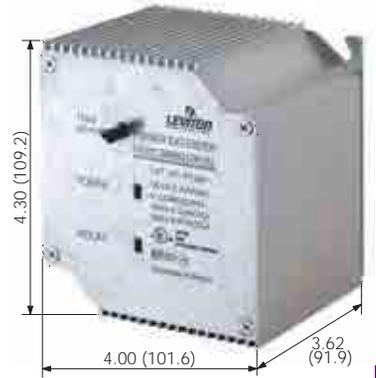
PE300-D0W

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

Architectural Lighting Control Systems

C

7

LEVITON®

Commercial Grade Lighting Controls

a-2000-24

a-2000® Modular Dimming Cabinets

The a-2000® is a compact, high-performance dimming cabinet that combines theatrical grade performance with the ability to control a wide variety of architectural load types. Its modular design enables rapid servicing of both dimming modules and control electronics. The a-2000 digital module cabinets are easy to install and work with virtually all types of lighting, including 120 and 277VAC dimming fluorescent lamps. This state-of-the-art cabinet integrates seamlessly with preset or manual controls, building automation, daylight harvesting and time clock systems. The a-2000 is a highly versatile dimming platform supporting a broad array of control requirements.
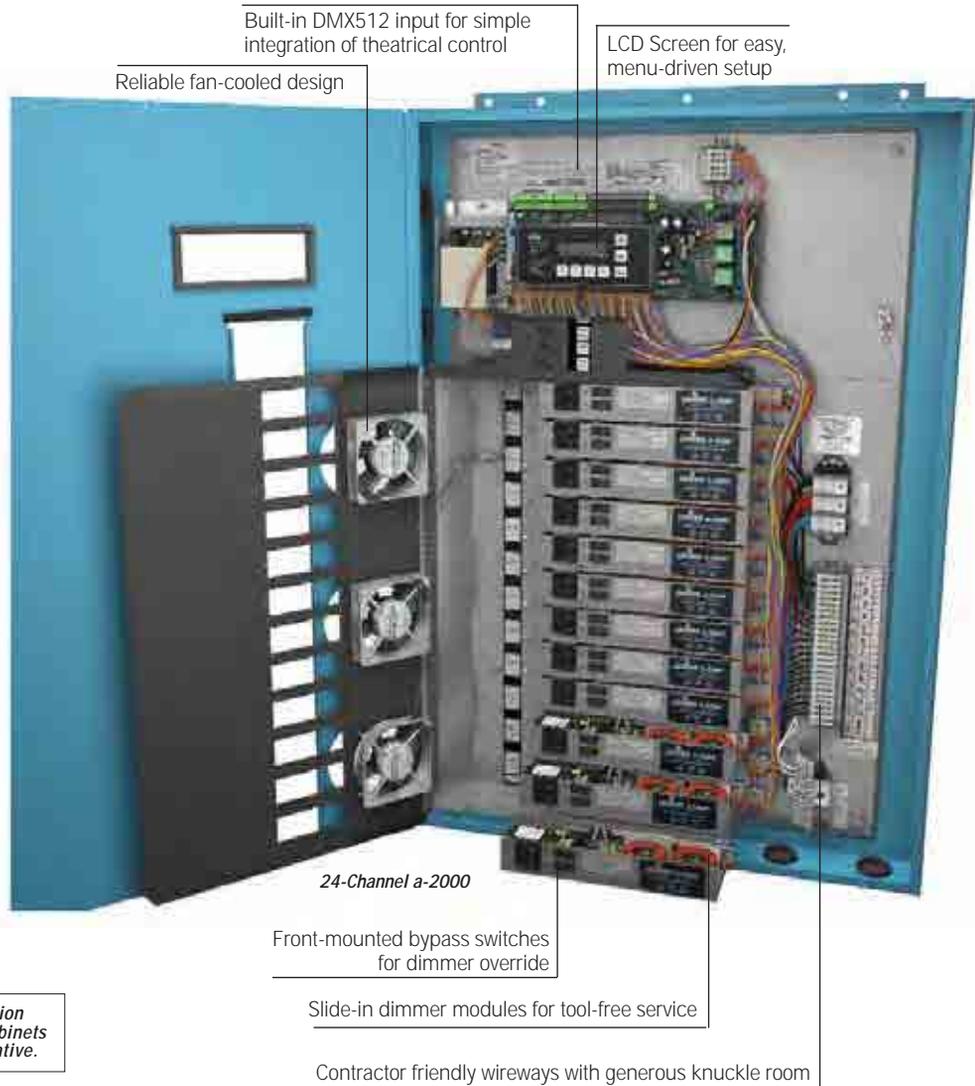
Built-in DMX512 input for simple integration of theatrical control

Reliable fan-cooled design

LCD Screen for easy, menu-driven setup

24-Channel a-2000

Front-mounted bypass switches for dimmer override

Slide-in dimmer modules for tool-free service

Contractor friendly wireways with generous knuckle room

For complete ordering information on Leviton a-2000 Dimming Cabinets consult your Leviton representative.

SPECIFICATIONS AND FEATURES

- Fully programmable from front panel
- Plug-in dimmer modules for easy maintenance
- Communication inputs: DMX512, Luma-Net III, RS485, full bright, emergency, and +0-10VDC analog
- Capacity of up to 48 dimmer circuits
- Each dimmer channel rated to 20A continuous (20A modules only)
- All load types supported
- Rugged dual-SCR dimmer circuitry for superior dimming performance and reliability over triac dimmers
- Individual bypass per-dimmer provides work-light function
- Restoration feature restores the last lighting look in the event of power failures
- Lifetime non-volatile memory
- Super-quiet, redundant ball-bearing fan design for added reliability
- Contractor-friendly design for easy installation with a large wiring space
- Compact 30-3/8 inch cabinet width holds up to 24 dimmer CCTS and fits between two stud widths
- Surface or recessed mounting
- Top, bottom or side feed

APPLICATIONS

- Office spaces
- Daylight harvesting
- Cafeterias
- Ballrooms
- Auditoriums
- Houses of worship
- Lecture halls
- Conference rooms
- Restaurants
- Multi-purpose rooms
- Office spaces
- Spaces requiring a single dimming source for a broad range of loads

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

Architectural Lighting Control Systems

a-2000® Dimmer Modules

The a-2000 uses a modular dimmer, allowing for ease of replacement and custom tailoring of module type to each project's specific needs. Leviton's a-2000 dimmer modules employ proven dual SCR dimming technology, inherited from Leviton's line of theatrical equipment.

SUPPORTED LOAD TYPE	UNIVERSAL	240V	STANDARD
Incandescent	x	x	x
Tungsten	x	x	x
Neon	x	x	x
Cold-Cathode	x	x	x
Magnetic Low Voltage	x	x	x
Electronic Low Voltage*	x	x	x
Fluorescent Dimming Ballasts	x	x	x
0–10V Fluorescent Ballast Example†: Advance Mark 7®	x	x	x
2-Wire Fluorescent Ballast Example†: Advance Mark 10®	x	—	x
3-Wire Fluorescent Ballast Examples†: Lutron Hi-lume® & Eco-10™	x**	—	—

a-2000-24 with Relay Cabinet

* Electronic Low Voltage transformers are supported upon the manufacturer's approval for use with forward phase dimmers. When the use of Electronic Low Voltage is required that does not meet this requirement, Leviton's PE400 power extender may be used. Contact your local Leviton LMS representative for more information.

** Supports all standard load types as well as 2 circuits of Hi-lume and other 3-wire fluorescent dimming ballasts.

† Mark 7® and 10® are registered trademarks of Advance Transformer Company.
Eco-10™ is a trademark and Hi-lume® is a registered trademark of Lutron Electronics Co., Inc

- 20A continuous duty rating (120V modules only)
- Voltage regulation: compensates for incoming line voltage variations
- 97% efficiency
- 350 µS rise time standard
- Ratings are for continuous use at 100% load

Universal Modules:
- Bypass switch has two modes: Normal and Bypass. When the switch is set to Bypass (red LED illuminated), the SCRs and relays are forced to turn on independent of the control module
- 277V Universal modules may be used in 120V cabinets.
- 120V Universal modules may be used only in 120V cabinets.

240V Modules:
- Built-in bypass switches (240V): Bypasses control electronics permitting the cabinet to be used for work lights during construction.

Standard Modules:
- Built-in bypass switches (120V) or shunts (277V): Bypasses control electronics, permitting the cabinet to be used for work lights during construction.

Architectural Lighting Control Systems

C

9

LEVITON®

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 premier 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.

Internal surge-protective MOV

Extruded aluminum heat sink

Locator LED illuminates for easy location in dark

Built-in radio/TV interference filter

Air-gap switch eases service

Highly reliable triac

Copper heat spreader

Monet® MNI06-1LW

Full range slider for smooth, precise dimming
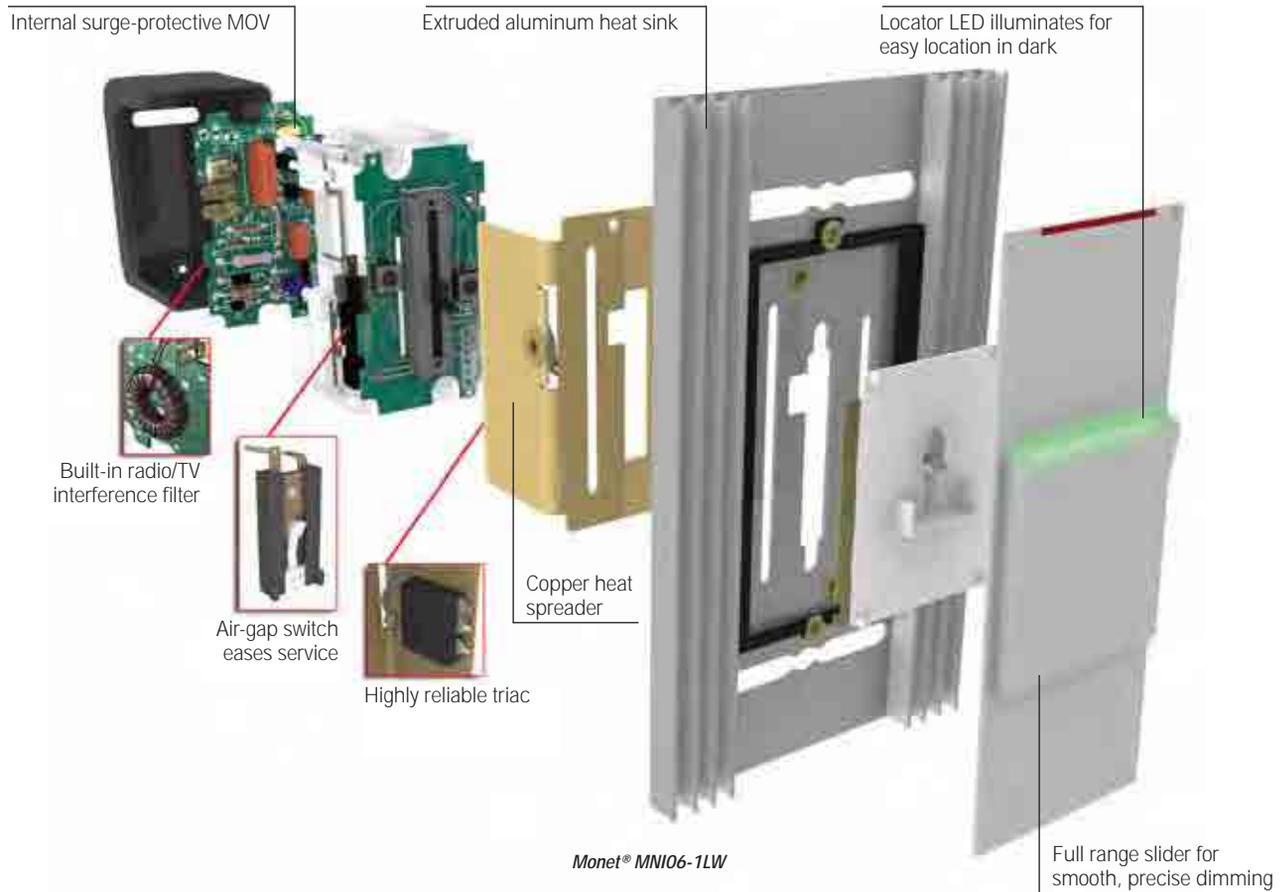
Features and Benefits

- 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

Commercial Grade Lighting Controls

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)	MNI06-1LW	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)	MNI06-10W	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	MNE04-1LW	400VA (320W)	I, W, A, G, E, B
Monet Dimmer (narrow fin) Magnetic	MNM06-1LW	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)	MNX10-1LW	1000VA 120V AC	I, W, A, G, E, B
Monet Mark 10 Fluorescent Dimmer (wide fin)	MNX15-1LW	1500VA 120V AC	I, W, A, G, E, B
Monet Mark 10 277V Fluorescent Dimmer (narrow fin)	MNX20-7LW	2000VA 277V AC	I, W, A, G, E, B
Monet Mark 10 277V Fluorescent Dimmer (wide fin)	MNX30-7LW	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)	MN00R-D0W	No load rating, use with 120V & 277V Monet dimmers only	I, W, G, E, A
Color Change Kits for MN00R-D0W Monet 3-Way Switching Unit	MNK0R-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-S0	——	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	MN0LA-000 (large) MN0SA-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

MNI06-1LW
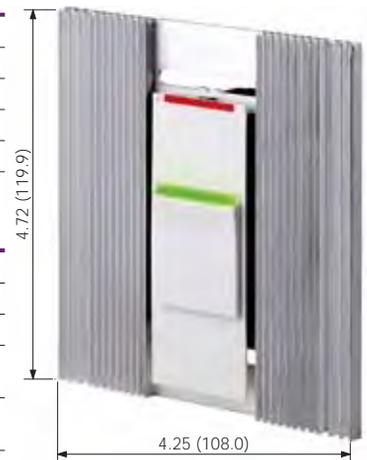
MNI15-1LW

MN00R-D0W

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 dimmer.

Architectural Specification Lighting Controls

Commercial Grade Lighting Controls

Architectural Specifications 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)	**MNS20-1L**	20A 120V AC	I, W, A, G, E
Monet 3-Way Rocker Switch with Screw Terminals, Unlighted (narrow fin)	**MNS20-D3**	20A 120/277V AC	I, W, A, G, E
Monet 4-Way Rocker Switch with Screw Terminals, Unlighted (narrow fin)	**MNS20-D4**	20A 120/277V AC	I, W, A, G, E

.40 (10.2)
3.28 (83.3)
4.72 (119.8)
2.60 (66.0)
2.75 (69.9)
1.04 (26.4)
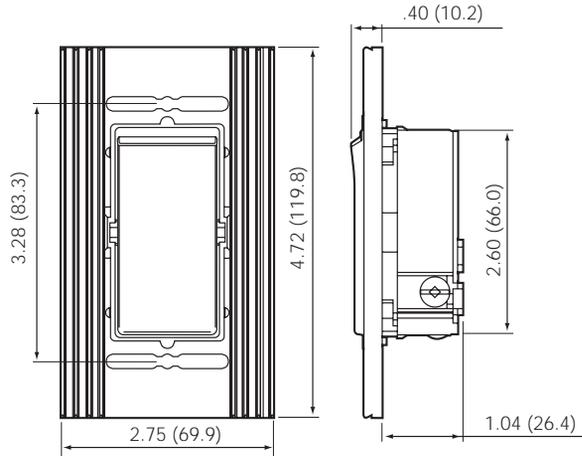
MNS20 shown

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 keyway 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

*COLOR

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 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

- Add letter to indicate color:
  -I (Ivory), -W (White), -A (Almond), -G (Gray) and -E (Black)
- 00 = No fins removed
  FB = Fins broken off
- Number of large-fin devices
- Number of small-fin devices
- Monet Wallplate
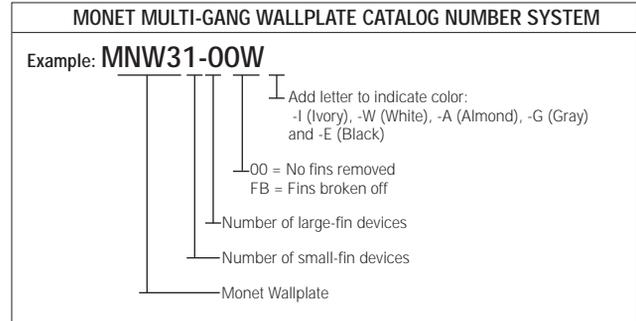
Maximum Load per Monet Dimmer Multi-Gang with Fins Broken Off			
Cat. No.	Single	2-Gang	More Than 2-Gang
MNE04	400VA (320W)	300VA (240W)	250VA (200W)
MNF07	7.5A	6A	5.3A
MNF10	10A	8A	7A
MNI06	600W	500W	400W
MNI10	1000W	800W	700W
MNI15	1500W	1250W	1000W
MNM06	600VA (450W)	500VA (375W)	400VA (300W)
MNM10	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.
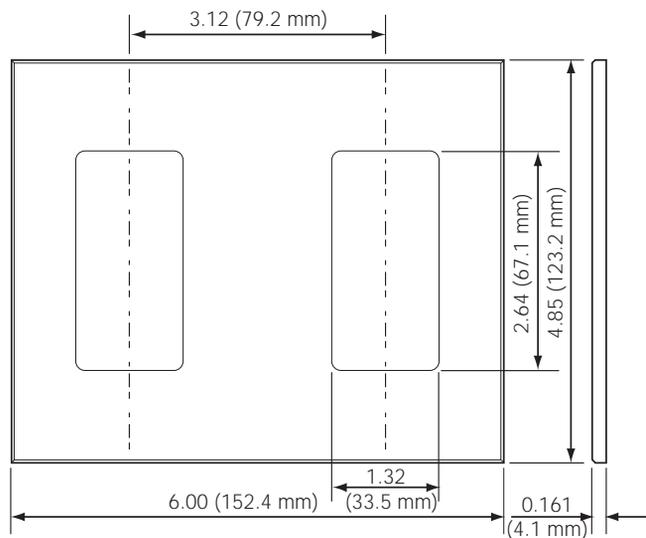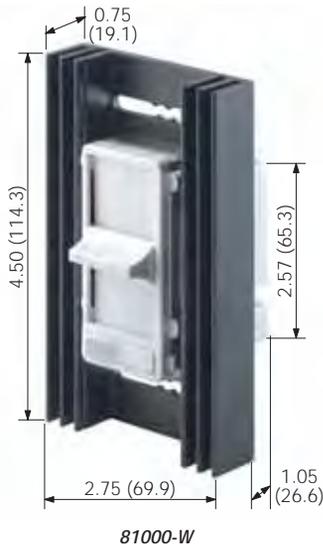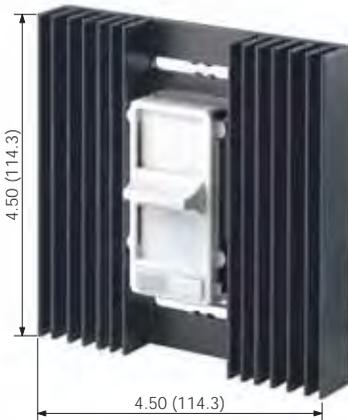
3.12 (79.2 mm)
2.64 (67.1 mm)
4.85 (123.2 mm)
1.32 (33.5 mm)
6.00 (152.4 mm)
0.161 (4.1 mm)

MNW20-00

Architectural Specification Lighting Controls

Commercial Grade Lighting Controls

0.75 (19.1)

4.50 (114.3)

2.57 (65.3)

2.75 (69.9)

1.05 (26.6)

81000-W

4.50 (114.3)

4.50 (114.3)

82000-W

Renoir Architectural Specification Preset Slide Dimmers

Renoir Incandescent 120V AC 60Hz Only ⓊⓁ ⓈⒶ

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

Renoir Magnetic Low-Voltage 120V AC 60Hz Only ⓊⓁ ⓈⒶ

DESCRIPTION	CAT. NO.	RATING	COLOR*
Renoir Single Pole (narrow fin)	71111	1000VA (800W)	I, W, GY, B
Renoir 3-Way (narrow fin)	71113	1000VA (800W)	I, W, B
Renoir Single Pole (wide fin)	71511	1500VA (1200W)	I, W
Renoir 3-Way (wide fin)	71513	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)	26666-31	1200VA (900W) 120V AC Advance Mark 10™ *Powerline* fluorescent dimming ballast	White
Renoir Fluorescent Dimmer, Single-Pole and 3-Way (wide-fin)	26666-37	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: 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: 2.75" (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 dimmer.

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

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

Commercial Grade Lighting Controls

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)	**80827**	7.5 Amps	I, W
Renoir Single-Pole (wide-fin)	**81127**	10 Amps	I, W
Renoir Single-Pole (wide-fin)	**81527**	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.

0.75 (19.1)

4.50 (114.3)

2.57 (65.3)

2.75 (69.9)

1.05 (26.6)

80827-W

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

SPECIFICATIONS AND FEATURES

- Smooth-action, linear slide control for easy, precise operationr
- 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

0.75
(19.1)

4.50 (114.3)

2.69 (68.3)

1.32
(33.5)

2.75 (69.9)

61000-W

4.50 (114.3)

4.56 (115.8)

62000-W

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

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)	**60800**	800W	I, W
Van Gogh 3-Way Push ON/Push OFF (narrow fin)	**60800-3**	800W	I, W
Van Gogh Single-Pole Rotary (narrow fin)	**61000**	1000W	I, W
Van Gogh 3-Way Push ON/Push OFF (narrow fin)	**61000-3**	1000W	I, W
Van Gogh Single-Pole Rotary (wide fin)	**61500**	1500W	I, W
Van Gogh Single-Pole Rotary (wide fin)	**62000**	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	**60001**
Ivory Cover and Matching Knob w/Gold Insert	**60001-I**
White Cover and Matching Knob w/ Silver Insert	**60001-W**

Color Change Kits for 61500, 62000 Dimmer Units

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

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.
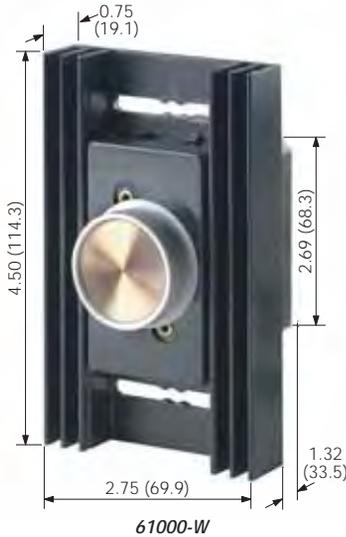
SPECIFICATIONS AND FEATURES

- 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

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, 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 Narrow Controls*				
Number of Wide 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 Narrow Controls						
Number of Wide 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.

Lighting Controls

Commercial Grade Controls

Designer Lighting Controls

Brilliant inside and out — the Vizia® collection includes dimmers, fan speed controls and radio frequency (RF) products integrated into a stylish form factor. With Vizia RF, homeowners can automate lighting as well as select appliances and electronics. The Mural® line encompasses scene-capable enhancement products. These designer-style devices provide full-range dimming in a sleek, Decora body that will enhance any décor.

Lighting Controls

Back & side-wiring screw terminals

Air gap switch eases service

Dim/bright bar

Back & side-wiring screw terminals

Microcontroller with onboard non-volatile memory

Robust MOV for superior surge protection

Built-in radio/TV interference filter

High-grade triac for superior reliability

VZI06-IL

Return-to-neutral push pad

LED brightness display

LED indicator

Features and Benefits

- Easy to operate for people of all ages and abilities
- 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

LEVITON DESIGNER DIMMERS FOR FULL-RANGE DIMMING

Vizia Controls
Vizia digital dimmer with LED brightness level indicators, intuitive Dim/Bright bar and return-to-neutral pushpad. Color-change kits available.
VZI06-1L shown

Vizia Remote Controls
Enables multi-location dimming or fan control when used in conjunction with Vizia Dimmer/Fan Speed Controls.
VZ00R-1L 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

Vizia Digital Controls

All Vizia Preset Dimmers and Fan Speed Controls provide single-pole (one location) or 3-way (multi-location) control when used with a Vizia remote unit.

Vizia Digital Controls with LED Locator and Brightness Display
Single-Pole, 3-Way or more applications Ⓤ Ⓒ

DESCRIPTION	CAT. NO.	RATING	COLOR* X=I+W+A Z=I+W+T
Vizia Incandescent Dimmer†	VZI06-1L	600W 120V AC 60Hz	X, Z, W
Vizia Magnetic Low Voltage Dimmer†	VZM06-1L	600VA (450W) 120V AC 60Hz	X, Z
Vizia Incandescent/Magnetic Low Voltage Dimmer†	VZM10-1L	1000W Incandescent, 1000VA Magnetic Low Voltage 120V AC 60Hz	X, Z
Vizia Electronic Low Voltage Dimmer; neutral required†	VZE04-1L	400W 120V AC 60Hz	X, Z
Vizia Electronic Low Voltage Dimmer; neutral required†	VZE06-1L	600W 120V AC 60Hz	X, Z
Vizia Fluorescent Dimmer for Advance Mark 10® Powerline or Tu-Wire® Ballasts; neutral required	VZX10-1L	1000VA 120V AC 60Hz	X, Z
Vizia Fluorescent Dimmer for Advance Mark 10® Powerline Ballasts; neutral required	VZX12-7L	1200VA 277V AC 60Hz	X, Z
Vizia Fluorescent Dimmer for Hi-Lume® or Eco-10® (Eco Series) Ballasts; neutral required	VZH08-1L	8A 120V AC 60Hz	X, Z
Vizia Fluorescent Dimmer for Hi-Lume® or Eco-10® (Eco Series) Ballasts; neutral required	VZH06-7L	6A 277V AC 60Hz	X, Z
Vizia Quiet Fan Speed Control; neutral required	VZF01-1L	1.5A 120V AC 60Hz	X, Z
Vizia Switch with LED Locator; neutral required	VZS15-1L	15A 120V AC 60Hz	X, Z
Vizia Matching Dimmer/Fan Speed Color Change Kit	VZKIT-MD	—	I, W, A, T, G, E, R, B
Vizia Coordinating Dimmer/Fan Speed Color Change Kit; no LED	VZKIT-CD	—	I, W, A, T, G, E, R, B
Vizia Matching Switch Color Change Kit with LED Locator	VZKIT-MS	—	I, W, A, T, G, E, R, B
Vizia Coordinating Switch Color Change Kit, no LED	VZKIT-CS	—	I, W, A, T, G, E, R, B

VZI06-1LX

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.

† Contractor Packs are available in White (-W), Almond (-A) or Light Almond (-T), packaged 10 pieces/box.
To order, add suffix –ML to catalog number followed by color designation. Ex.: VZI06-ML*

Eco-10® (Eco-Series) Tu-Wire® and Hi-Lume® are trademarks of Lutron Electronics Co., Inc.
See Page C7 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.

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 dimmer.

SPECIFICATIONS AND FEATURES

- Streamlined Decora styling complements any interior, adds a "family look" when ganged with any Decora device
- Push pad always returns to neutral regardless of load status
- Digital circuitry provides Soft-ON/Fade-OFF lighting and prolonged lamp life or an option via simple programming for classic ON/OFF
- Green LED locator light illuminates when lights are OFF
- Air-gap switch completely disconnects power to unit for bulb changing or removal from service
- Provides single pole (one-location) or multi-location full range dimming when used with Vizia Dimmer Remotes (see P. C20 for Vizia Remotes)
- Vizia Six-Pack: Three color choices along with single pole or 3-way control provide 6 different options in each box, eliminating the need to stock a large variety of devices
- Color Change Kits are available in a wide range of colors, making it easy and economical to change decorating schemes

- Power failure recovery assures retention of lighting levels during long-term power interruptions
- Built-in radio/TV interference filter
- Quiet 1.5Amp Fan Speed Controls are perfect for libraries, study rooms and any areas where ceiling fan noise could become distracting
- Fits in standard wallbox – units may be ganged
- LED display alongside push pad indicates selected brightness /fan speed level
- Dim/Bright Bar allows user to set brightness level when lights are ON or OFF
- Minimum brightness level can be easily programmed from 1 to 50% of full brightness
- Dim Lock level feature determines preset light level regardless of last setting
- Selectable Fade Rate is easily programmable for desired Fade ON/OFF
- Press and hold push pad to turn lights on to full bright from any preset light level
- To use the Delayed OFF feature while lights are ON (10 seconds to OFF), press and hold the push pad
- Compatible with Decora PLUS screwless wallplates and Decora wallplates

TESTING AND CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #M/C 152105)
- Backed by a Limited Five-Year warranty

MATERIAL CHARACTERISTICS

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

*COLOR

Vizia Controls come packaged with three colors. Controls with suffix (-X) include White, Ivory and Almond. Controls with suffix (-Z) include White, Ivory and Light Almond. Color Change Kits available in the following colors: Ivory (I), White (-W), Almond (-A), Light Almond (-T), Gray (-G), Black (-E), Red (-R) and Brown (-B).

Lighting Controls

VZOOR-10X
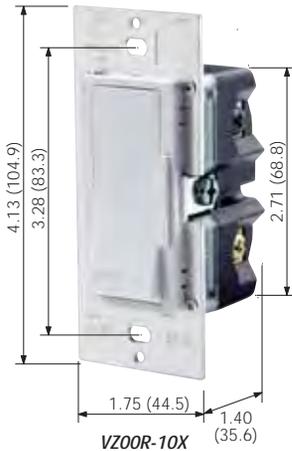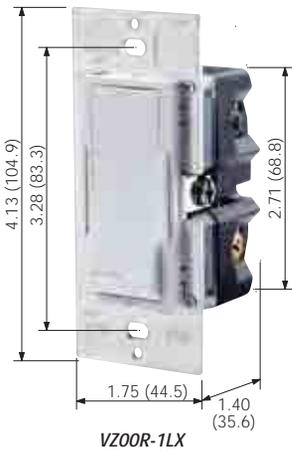
VZOOR-1LX

Vizia Remotes

Vizia Remotes — No Load Rating
For Use with Vizia Dimmers, Switches and Fan Speed Controls

DESCRIPTION	CAT. NO.	RATING	COLOR* X=I+W+A Z=I+W+T
Vizia Matching Remote Unit to 120V Dimmers/Fan Speed Control for 3-way or up to 5 locations, with LED Locator and Brightness/Fan Speed Display; neutral required†	VZOOR-1L	120V AC 60Hz	X, Z, W
Vizia Matching Remote Unit to 277V Dimmers for 3-way or up to 5 locations, with LED Locator and Brightness Display; neutral required	VZOOR-7L	277V AC 60Hz	X, Z
Vizia Coordinating Remote Unit to 120V Dimmers/Fan Speed Control for 3-way or up to 10 locations, no LED; neutral required when used with a device that requires a neutral wire†	VZOOR-10	120V AC 60Hz	X, Z
Vizia Matching Switch Remote Unit to 120V Dimmers/Fan Speed Control and VZS15-1L Switch for 3-way or up to 5 locations, with LED Locator; neutral required	VZOSR-1L	120V AC 60Hz	X, Z
Vizia Coordinating Switch Remote Unit to 120V Dimmers/Fan Speed Control and VZS15-1L Switch for 3-way or up to 10 locations, no LED; neutral required when used with a device that requires a neutral wire	VZOSR-10	120V AC 60Hz	X, Z
Vizia Matching Dimmer/Fan Speed Remote Color Change Kit with LED Locator and Brightness Display	VZKIT-MD	—	I, W, A, T, G, E, R, B
Vizia Coordinating Dimmer/Fan Speed Remote Color Change Kit, no LED	VZKIT-CD	—	I, W, A, T, G, E, R, B
Vizia Matching Switch Remote Color Change Kit with LED Locator	VZKIT-MS	—	I, W, A, T, G, E, R, B
Vizia Coordinating Switch Remote Color Change Kit, no LED	VZKIT-CS	—	I, W, A, T, G, E, R, B

† Contractor Packs are available in White (-W), Almond (-A) or Light Almond (-T), packaged 10 pieces/box. To order, add suffix –ML to catalog number followed by color designation. Ex.: VZOOR-ML*

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.

SPECIFICATIONS AND FEATURES
- Can be used with all Vizia Dimmers, Switches and Fan Speed controls
- Streamlined Decora styling complements any interior, adds a "family look" when ganged with any Decora device
- Push pad returns to neutral regardless of load status
- Green LED locator light illuminates when lights are OFF (matching remotes only)
- Provides multi-location full range control when used with Vizia Dimmers/Fan Speed Controls
- Three color options in each box eliminates the need to stock a large variety of devices
- Color Change Kits are available in a wide range of colors, making it easy and economical to change decorating schemes
- Fits in standard wallbox – units may be ganged
- Matching Remotes have LEDs and provide control from up to 5 different locations (neutral wire required)
- Coordinating Remotes provide control from up to 10 different locations

TESTING AND CODE COMPLIANCE
- UL Listed (File #E-31373)
- CSA Certified (File #M/C 152105)
- Backed by a Limited Five-Year Warranty

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

*COLOR
Vizia Remotes come packaged with three colors. Controls with suffix (-X) include White, Ivory and Almond. Controls with suffix (-Z) include White, Ivory and Light Almond. Color Change Kits available in the following colors: Ivory (I), White (-W), Almond (-A), Light Almond (-T), Gray (-G), Black (-E), Red (-R) and Brown (-B).

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.

Vizia RF Scene Capable Dimmers

All Vizia RF dimmers provide single-pole (one-location) and 3-way (multi-location) control when used with a Vizia coordinating (no LED) remote unit.

DESCRIPTION	CAT. NO.	RATING	COLOR* X=I+W+A
Vizia RF Incandescent Scene Capable Dimmer with LED Locator and Brightness Display	RZI06-1L	600W	X
Vizia RF Incandescent Scene Capable Dimmer with LED Locator and Brightness Display	RZI10-1L	1000W	X
Vizia RF Magnetic Low-Voltage Scene Capable Dimmer with LED Locator and Brightness Display	RZM10-1L	1000VA	X
Vizia RF ON/OFF Scene Capable Switch with LED Locator	RZS15-1L	15A 1800W Resistive 1800W Incandescent 1800VA Fluorescent 1800VA Inductive 1/2 HP Motor (9.8A)	X
Vizia RF Matching Dimmer Color Change Kit	VZKIT-MD		I, W, A, T, G, E, R, B
Vizia RF Matching Switch Color Change Kit with LED Locator and Brightness Display	VZKIT-MS		I, W, A, T, G, E, R, B

See Page C20 for Vizia Non-RF remotes. See Page C22 for Vizia RF remotes.

RZI06-1LX

Vizia RF Plug-In Modules

DESCRIPTION	CAT. NO.	RATING	COLOR*
Vizia RF Scene Capable Plug-In Lamp Dimming Module	RZP03-1L	300W	White
Vizia RF Scene Capable Plug-In Appliance Module	RZP15-1L	15A 1800W Resistive 1800W Incandescent 1800VA Fluorescent 1800VA Inductive 1/2 HP motor loads @ 120V AC, 60Hz	White
Vizia RF Plug-In Serial Interface Module ASCII to Z-Wave Interface	RZCOP-1L	—	White

RZM10-1LX

SPECIFICATIONS AND FEATURES

Vizia RF Scene Capable Dimmers

- Scene capable, wireless control via RF (Z-Wave® technology)
- Digital circuitry provides soft ON/fade OFF light switching and smooth full-range changes in brightness level for extended bulb life
- Push pad always returns to neutral position regardless of load status
- Compatible with Decora Plus screwless wallplates and Decora wallplates
- Complements Vizia Lighting Controls (see page C19 for more information)
- Color change kits are available to allow fast color changeover and simplify stocking inventory
- Vizia Six-Pack: Three color choices along with single pole or 3-way control provide 6 different options in each box, eliminating the need to stock a large variety of devices
- Easy adjustments for minimum brightness level, Dim-Lock and selectable fade rates
- Lights turn ON at the last selected brightness level or at user-programmable Dim-Lock setting
- Manual and remote ON/OFF/DIM/BRIGHT control of connected Dimmer
- ON/OFF/DIM/BRIGHT scene and zone control capability
- Responds to Vizia RF Controllers as well as selected Z-Wave certified controllers from other manufacturers
- Works with the Vizia RF 1-Zone Controller/ Matching Dimmer Remote (RZCZ1-1L) for RF virtual 3-way control without the need for traditional 3-way wiring or for a dedicated traveler wire
- Works with Vizia™ (non-RF) Coordinating Remotes (VZ00R-10) for hardwired 3-way or up to 10-location control

- Enhanced 2-way communication
- Easy to clean, high gloss finish complements a wide range of décors
- DIM/BRIGHT bar allows user to select brightness level when lights are ON or OFF— green LED displays brightness level
- Power-failure memory allows light levels to return to the same levels set prior to power interruption
- RFI filtering for radio, audio and video equipment
- UL required air gap switch disconnects power from load locally. It is concealed during normal operation and is accessible without removing the wallplate

Vizia RF Scene Capable Plug-in Appliance Module (RZP15)

- Provides 15A-120VAC NEMA 5-15R grounding receptacle for use with a wide variety of lamps and appliances
- Provides Manual ON/OFF switching of plug-in load and remote scene and zone control compatibility
- Enhanced 2-way communication

Vizia RF Scene Capable Plug-in Lamp Dimming Module (RZP03)

- Provides NEMA polarized 1-15R 2-blade receptacle for use with incandescent lamps
- Load Sensing feature allows lamp to be turned ON manually using the lamp's switch or the integrated ON/OFF button
- Provides manual and remote ON/OFF/DIM/ BRIGHT control of plug-in lamps
- Enhanced 2-way communication
- Provides ON/OFF/DIM/BRIGHT scene and zone control capability

TESTING AND CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #152105)
- NOM Certified (#057)
- Complies with FCC Part 15, Class B
- Z-Wave Certified
- Backed by a Limited Five-Year Warranty

*COLOR

Vizia-RF Lighting Controls come packaged with three colors. Controls with suffix (-X) include White, Ivory and Almond. Color Change Kits available in the following colors: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-G), Black (-E), Red (-R) and Brown (-B).

MATERIAL CHARACTERISTICS

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

Lighting Controls

Residential Grade Controls

Lighting Controls

Vizia RF™ Remotes for Use with Vizia RF Scene-Capable Dimmers and Switches

Vizia RF™ Remotes ⓤ ⓢ

DESCRIPTION	CAT. NO.	RATING	COLOR* X=I+W+A Z=I+W+T
Vizia RF 1-Button Zone Dimming Controller	RZCZ1-1L	No load rating – 120V AC 60Hz	X
Vizia RF 4-Button Zone Controller	RZCZ4-1L	No load rating – 120V AC 60Hz	X
Vizia RF 1-Button Scene Controller	RZCS1-1L	No load rating – 120V AC 60Hz	X
Vizia RF 4-Button Scene Controller	RZCS4-1L	No load rating – 120V AC 60Hz	X
Vizia RF Handheld Remote Controller Programmer/Timer (Internal Astronomical Clock)	RZCPG-OSG	2 AA batteries (Included)	Silver
Vizia RF Handheld Remote Controller Programmer (Basic)	RZCPG-BSG	2 AA batteries (Included)	Silver
Vizia RF IR Handheld Remote Controller	RZMR1-OSG	2 AA batteries (Included)	Silver
4-Button Scene Controller Color Change Kit with LED Locator	VZKIT-S4	—	I, W, A
4-Button Zone Controller Color Change Kit with LED Locator	VZKIT-Z4	—	I, W, A
Matching Dimmer Color Change Kit with LED Locator and Brightness Display for RZCZ1	VZKIT-MD	—	I, W, A
Matching Switch Color Change Kit with LED Locator for RZCS1	VZKIT-MS	—	I, W, A
Coordinating Dimmer Remote for up to 10 location applications; neutral required	VZOOR-10	No load rating – 120V AC 60Hz	X, Z

4.13 (104.9) • 3.28 (83.3) • 2.71 (68.8)
1.75 (44.5) • 1.40 (35.6)

RZCS1-1LX

4.13 (104.9) • 3.28 (83.3) • 2.71 (68.8)
1.75 (44.5) • 1.40 (35.6)
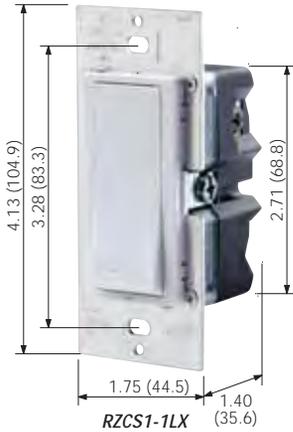
RZCS4-1LX

RZCPG-OSG

SPECIFICATIONS AND FEATURES

Vizia RF Controllers
- Compatible with Decora Plus screwless wallplates and Decora wallplates
- Enhanced 2-way communication
- Popular Vizia-style push pad on 1-button controllers blend seamlessly with other devices in the Vizia collection

Vizia RF 1-Button Scene Controller (RZCS1-1L)
- Provides remote ON/OFF control of one scene
- Virtual 3-way and multi-location remote ON/OFF control of selected Vizia RF switches without the need for traditional 3-way wiring or a dedicated traveler wire
- Controller fits in standard wall box and utilizes household 120VAC 60Hz wiring (when neutral wire is present) for easy "no-new-wires" installation
- Green LED illuminates to indicate controlled scene. When acting as a matching remote, LED will illuminate when the load is OFF

Vizia RF 1-Button Zone Dimming Controller (RZCZ1-1L)
- Provides remote ON/OFF/DIM/BRIGHT control of one Vizia RF Dimmer
- Virtual 3-way remote dimming control of selected Vizia RF dimmers without the need for traditional 3-way wiring or a dedicated traveler wire
- Controller fits in standard wall box and utilizes existing 120VAC 60Hz wiring to replace a regular switch (when neutral wire is present) for easy "no-new-wires" installation
- Green LED locator illuminates to indicate controlled zone or load is OFF

Vizia RF 4-Button Scene (RZCS4-1L) or Zone (RZCZ4-1L) Controllers
- Provides remote ON/OFF/DIM/BRIGHT control of four scenes (RZCS4-1L) or zones/areas (RZCZ4-1L) of selected Vizia RF devices
- Integrated infrared (IR) port
- Controller fits in standard wall box and utilizes existing 120VAC 60Hz wiring to replace a regular switch (when neutral wire is present) for easy "no-new-wires" installation
- Green LED illuminates when the assigned scene (RZCS4-1L) or zone/area (RZCZ4-1L) is ACTIVE

Vizia RF Handheld Remotes
RZCPG
- Primary device for creating and programming a Vizia RF system
- Provides user level control of up to 128 devices
- Can operate as a secondary remote control
- Provides remote control (ON/OFF/DIM/BRIGHT/SCENE/ZONE) of all devices in the Vizia RF network

RZMR1
- Works with Vizia RF IR compatible controllers
- Controls four scenes and four zones

TESTING AND CODE COMPLIANCE
- UL Listed (File #-E-66800)
- CSA Certified (File #152105)
- NOM Certified (#057)
- Complies with FCC Part 15, Class B
- Z-Wave Certified
- Backed by a Limited Five-Year Warranty

Handheld Remotes
- Complies with FCC Part 15, Class B
- Z-Wave Certified

*COLOR
Vizia-RF Home Controls come packaged with three colors. Controls with suffix (-X) include White, Ivory and Almond. Controls with suffix (-Z) include White, Ivory and Light Almond. Color Change Kits available in the following colors: Ivory (I), White (-W), Almond (-A).

MATERIAL CHARACTERISTICS
Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 131°F

Commercial Grade Controls

Mural Digital Controls

All Mural controls provide single-pole (one location) or 3-way (multi-location) control when used with Multi-Remote unit.

Mural Digital Controls 120V AC 60Hz Only ⓊⓁ Ⓒ🅢🅐

DESCRIPTION	CAT. NO.	RATING	COLOR*
Mural Incandescent Dimmer with LED Locator and Brightness Display	MDI06-1L	600W	I, W, A (G, E, B with Kit)
Mural Incandescent Dimmer with LED Locator and Brightness Display	MDI10-1L	1000W	I, W, A (G, E, B with Kit)
Mural Magnetic Low-Voltage Dimmer with LED Locator and Brightness Display	MDM06-1L	600VA (450W)	I, W, A (G, E, B with Kit)
Mural Magnetic Low-Voltage Dimmer with LED Locator and Brightness Display	MDM10-1L	1000VA (800W)	I, W, A (G, E, B with Kit)
Mural Electronic Low-Voltage Dimmer with LED Locator and Brightness Display	MDE03-1L	350VA (280W)	W (I, A, G, E, B with Kit)
Mural Quiet Fan Speed Control with LED Locator and Brightness Display; neutral required	MDF01-1L	1.5A	I, W, A (G, E, B with Kit)
Coordinating Remote Unit to Dimmers/ Fan Speed Controls for 3-way or up to 10 locations, no LED	MS00R-10	No load rating	I, W, A (G, E with Kit)
Coordinating Remote Unit to Electronic Low-Voltage Dimmer for 3-way or up to 10 locations, no LED; neutral required	MSE0R-10	No load rating	W (I, A, G, E with Kit)

Color Change Kits for Mural Controls

DESCRIPTION	CAT. NO.	COLOR*
Mural Dimmer Color Change Kit with LED Locator and Brightness Display	DRKDD-1L	I, W, A, G, E, B
Remote Color Change Kit, no LED Locator or Display	DRK0R-00	I, W, A, G, E, B

Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device.

See Page C7 for more information on Leviton Power Extenders

MDI06-1LW

4.13 (104.9)
3.28 (83.3)
2.67 (67.8)
2.38 (60.5)
1.32 (33.6)
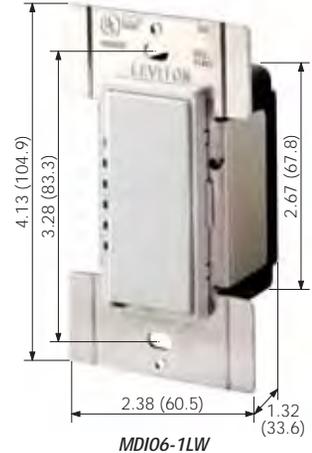
SPECIFICATIONS AND FEATURES

- Provides single-pole (one-location) or multi-location full range dimming when used with MS00R 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 DecoraPLUS screwless and Decora 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
- Coordinates with Leviton's DHC line of products
- Green LED display alongside rocker indicates selected brightness level on MD models
- Built-in radio/TV interference filter
- 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.

Lighting Controls

Lighting Controls *(vertical sidebar)*

4.13 (104.9)
3.28 (83.3)
2.67 (67.8)
2.38 (60.5)
1.32 (33.6)

MCM06-1LW

Mural Scene Capable Digital Dimmers

Compatible with Scene Controller and Scene Enhancement Products — See page C25.

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 Brightness Display	MCM06-1L	600W Incandescent 600VA Magnetic Low Voltage	I, W, A (G, E, B with Kit)
Mural Scene Capable Incandescent/ Magnetic Low-Voltage Dimmer with LED Locator and Brightness Display	MCM10-1L	1000W Incandescent 1000VA Magnetic Low Voltage	I, W, A (G, E, B with Kit)
Mural Scene Capable Preset Fluorescent Dimmer for Mark 10® *Powerline* Ballast with LED Locator and Brightness Display; neutral required	MCX10-1L	1000VA	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 C7 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.*

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 dimmer.

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

- Responds to lighting level commands sent by the Cat. No. MN00C-1L Scene Controller (See Page C25). 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
- 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
- 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
- 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
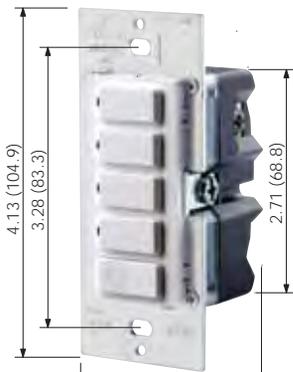Operating Temperature: 32°F to 130°F

Mural Scene Controller and Accessories

Scene Controller for Mural Scene Capable Lighting Controls ⓊⓁ ⓈⒶ

DESCRIPTION	CAT. NO.	RATING	COLOR*
Mural Scene Controller: 7 Lighting-Scene Buttons plus OFF and Group DIM/BRIGHT Buttons	MN00C-1L	No load rating, use with 120V Mural Scene Dimmers only	White, for other colors use Color Change Kits
Color Change Kits with Text for Mural MN00C-1L Scene Controller	DCKS7-00	——	I, W, A, G, E
Color Change Kit with Customizable Labels for Mural Scene Controller	DCKS7-0C	——	I, W, A, G, E

Scene Enhancement Products—
Compatible with Mural 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 120V AC	——
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 120V AC	(Non-color item)
Infrared Receiver available with Wall Mount and Ceiling Fan Bezels	177IR-IWA	No load rating 120V AC	Supplied with Ivory, White and Almond bezels
Hand-Held Infrared Remote Control: with 4 Scene Buttons plus OFF	177RC	No load rating 120V AC	E

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

4.71 (119.7) | 3.28 (83.3) | 2.69 (68.2) | 1.75 (44.5) | 1.30 (33.1)

MN00C-1LW

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 MN00C, 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 are available in a wide range of colors making it easy and economical to change decorating schemes
- 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), Almond (-A), Gray (-G) and Black (-E) .

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

Lighting Controls

Touch Lighting Controls

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

Microcontroller with onboard non-volatile memory

Touch pad for brightening

Locator LED for easy location in dark

Built-in radio/TV interference filter

Touch pad for dimming

Highly reliable triac

Copper heat spreader

ToggleTouch™ TGI10-1LW

Smooth-action toggle arm

Features and Benefits

- Preset dimmers incorporate touchpad technology
- Digital circuitry provides eye-pleasing Soft-ON/ Fade-OFF that extends lamp life (most models)
- Single- and multi-location 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. Color change kits available.
TTI10-1LX shown

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

Lighting Controls

True Touch Digital Dimmers

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

True Touch Digital Dimmer 120V AC 60Hz ⓊⓁ ⓈⒶ

DESCRIPTION	CAT. NO.	RATING	COLOR* X=I+W+A Z=I+W+T
True Touch Incandescent Dimmer with LED Locator	TTI06-1L	600W	X, Z, GS
True Touch Incandescent Dimmer with LED Locator	TTI10-1L	1000W	X, Z, GS
True Touch Magnetic Low-Voltage Dimmer with LED Locator	TTM10-1L	1000VA (800W)	X, Z, GS
Coordinating Remote Unit to True Touch Dimmers for 3-way or up to 10 locations, no LED	TT00R-1	No load rating	X, Z, GS
True Touch Dimmer Color Change Kit	TTKIT	——	I, W, A, T, GY, E, WS, GI, BG
True Touch Remote Dimmer Color Change Kit	TTKTR	——	I, W, A, T, GY, E, WS, GI, BG

See Page C7 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.
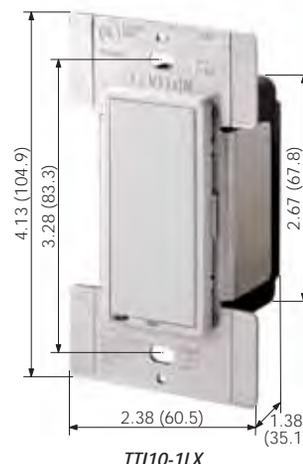
TTI10-1LX

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 dimmer
- 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*PLUS* screwless and Decora 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
- Protected memory maintains light levels after short-term power outages and during minor power fluctuations
- Built-in radio/TV interference filter
- 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, TTI10 and TTM10 products come packaged with three colors. Products with suffix (-X) include White, Ivory and Almond; products with suffix (-Z) include White, Ivory and Light Almond; products with suffix (-GS) include White, Gold and Silver. Color change kits available in the following colors: White (-W), Ivory (-I), Almond (-A), Light Almond (-T), Gray (-G), Black (-E), White Frame/Silver Touch (-WS), Ivory Frame/Gold Touch (-GI) and Brown Frame/Gold Touch (-BG).
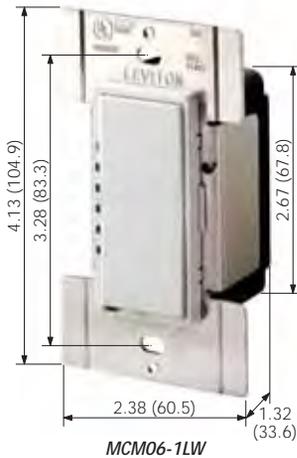
MATERIAL CHARACTERISTICS

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.

Lighting Controls

Commercial Grade Lighting Controls

Lighting Controls

TGI06-1LW

Dimensions: 4.13 (104.9), 3.28 (83.3), 2.70 (68.6), 1.75 (44.5), 1.44 (36.6)

ToggleTouch Digital Dimmers

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

ToggleTouch Digital Touch Dimmer with LED Locator 120V AC 60Hz ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO.	RATING	COLOR*
ToggleTouch Incandescent Dimmer	**TGI06-1L**	600W	W, I, A, T, B
ToggleTouch Incandescent Dimmer	**TGI10-1L**	1000W	W, I, A, T, G
ToggleTouch Magnetic Low-Voltage Dimmer	**TGM10-1L**	1000VA (800W)	W, I, A, T, G

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

See Page C7 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 touch dimming control that's easy to operate
- Provides single-pole (one-location) and 3-way (multi-location) control when used with a 3-way switch
- Touch pads match color of toggle switch
- Fits and gangs perfectly with Leviton standard toggle wallplates and all Leviton toggle switches
- Provides preset dimming with Soft-ON feature (does not provide Fade-OFF)
- Locator LED 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

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

MATERIAL CHARACTERISTICS

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

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

Traditional Controls

Leviton offers a full line of slide, rotary and toggle dimmers and fan speed controls ideally suited to traditional interiors. The line includes 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.

Smooth-action slide potentiometer

Built-in radio/TV interference filter

Captured slide knob remains on device

Single-pole and 3-way mechanism

Highly reliable triac

IPI10-1LZ

Locator LED illuminates for easy location in dark

Features and Benefits

- Features slide, rotary and toggle style dimmers
- Most with full-range dimming and built-in radio/TV interference filter
- Single- and multi-location 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 dimmer with full-range slide or rotary dimming for single- or multi-location dimming control. Color change kits available.
IPI06-1LZ and RPI06-ILZ shown

SureSlide™ Slide Controls
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 Controls
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

Lighting Controls

Commercial Grade Controls

IPI10-1LZ

Dimensions: 4.15 (105.4), 3.28 (83.3), 2.68 (68.1), 1.75 (44.5), 1.41 (35.8), 2.12 (53.8)
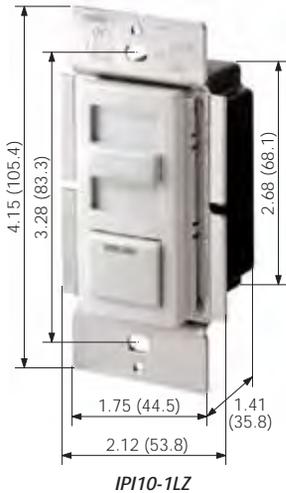
IllumaTech Preset Slide Controls

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

IllumaTech Slide Contols—Single Pole and 3-Way Ⓤ Ⓢ®

DESCRIPTION	CAT. NO.	RATING	COLOR* X=I+W+A Z=I+W+T
IllumaTech Incandescent Dimmer with LED Locator	IPI06-1L	600W 120V AC 60Hz	X, Z
IllumaTech Incandescent Dimmer with LED Locator	IPI10-1L	1000W 120V AC 60Hz	X, Z
IllumaTech Electronic Low-Voltage Dimmer with LED Locator; neutral required	IPE04-1L	400VA (320W) 120V AC 60Hz	X, Z
IllumaTech Magnetic Low-Voltage Dimmer with LED Locator	IPM06-1L	600VA (450W) 120V AC 60Hz	X, Z
IllumaTech Magnetic Low-Voltage Dimmer with LED Locator	IPM10-1L	1000VA (800W) 120V AC 60Hz	X, Z
IllumaTech Fluorescent Dimmer for Advance Mark 7® 0-10V Ballast with LED Locator; neutral required	IP710-DL	1200VA @ 120V AC 60Hz, 1500VA @ 277V AC 60Hz	X, Z
IllumaTech Fluorescent Dimmer for Advance Mark 10® Powerline Ballasts, no LED; neutral required	IPX06-10	600VA 120V AC 60Hz	X, Z
IllumaTech Fluorescent Dimmer for Advance Mark 10® Powerline Ballasts, no LED; neutral required	IPX10-10	1000VA 120V AC 60Hz	X, Z
IllumaTech Fluorescent Dimmer for Advance Mark 10® Powerline Ballasts, no LED; neutral required	IPX06-70	600VA 277V AC 60Hz	X, Z
IllumaTech Fluorescent Dimmer for Advance Mark 10® Powerline Ballasts, no LED; neutral required	IPX12-70	1200VA 277V AC 60Hz	X, Z
IllumaTech Quiet Fan Speed Control with LED Locator; neutral required	IPF01-1L	1.5 Amps 120V AC 60Hz	X, Z
IllumaTech Fully variable Fan Speed Control with LED Locator; neutral required	IPF05-1L	5 Amps 120V AC 60Hz	X, Z
IllumaTech Color Change Kit with LED Locator	IPKIT-00	——	I, W, A, T, G, E, R, B
IllumaTech Color Change Kit, no LED	IPKIT-0N	——	I, W, A, T, G, E, R, B
IllumaTech Color Change Kit for Fan Speed Control	IPQFK-00	——	I, W, A, T, G, E, R, B

See Page C7 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 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
- Easy-to-use pushbutton switch with conveniently positioned locator LED. Makes 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
- IllumaTech Six-Pack: Three color choices, along with single- or multi-location control provide six different options in each box, eliminating the need to stock a large variety of devices
- 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 (-X) include Ivory, White and Almond; controls with suffix (-Z) include Ivory, White and Light Almond. Color Change Kits available in the following colors: Ivory (-I), White (-W), Almond (-A), Light Almond (-T), Gray (-G), Black (-E), Brown (-B) and Red (-R).

MATERIAL CHARACTERISTICS

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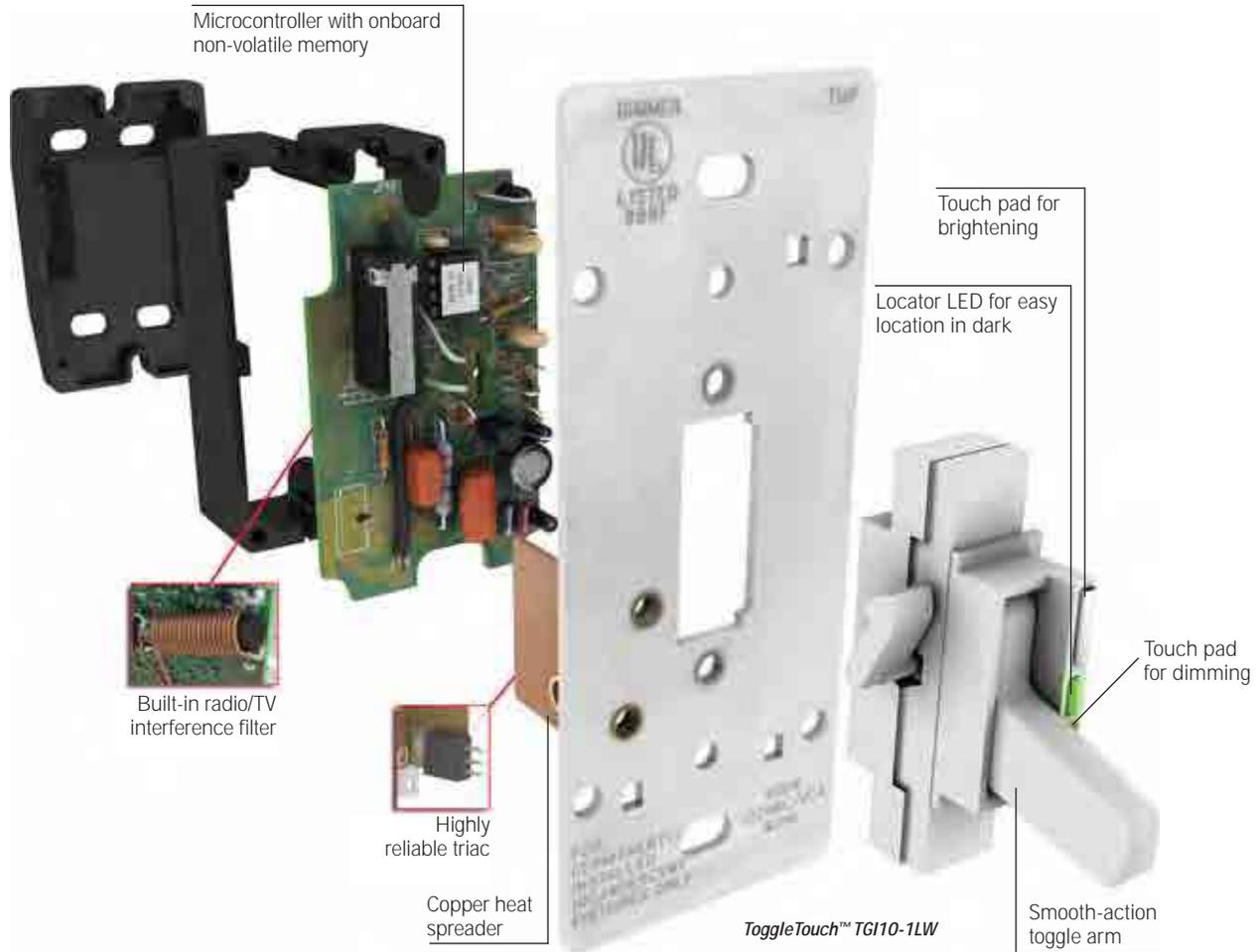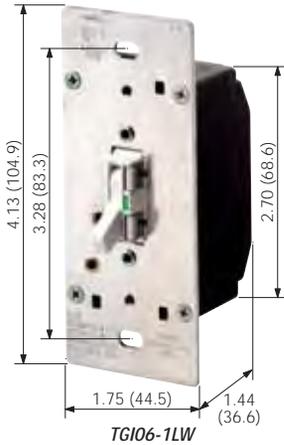Operating Temperature: 32°F to 130°F

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.

Residential Grade Controls

IllumaTech Rotary Controls

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

IllumaTech Rotary Controls 120V AC 60Hz Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	RATING	COLOR* X=I+W+A Z=I+W+T
IllumaTech Rotary Incandescent Dimmer, Single-Pole or 3-way, with LED Locator	RPI06-1L	600W	X, Z
IllumaTech Rotary Incandescent Dimmer, Single-Pole or 3-way, no LED	RPI06-10	600W	X, Z
IllumaTech Rotary Quiet Fan Speed Control, Single-Pole, no LED	RTF01-1L	1.5A	X, Z
IllumaTech Rotary Quiet Fan Speed Control and Dimmer, Single-Pole, no LED	RTD01-10	1.5A Fan Control/ 300W Dimmer	X, Z

See Page C7 for more information on Leviton Power Extenders

RPI06-1LX

RTD01-10X

Lighting Controls

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 Controls

SureSlide™ Full Range Slide Controls 120V AC 60Hz Only

Incandescent ⓤ Ⓒ

DESCRIPTION	CAT. NO.	RATING	COLOR*
SureSlide Single-Pole Slide-To-Off Dimmer, with optional use LED	**6631-L**	600W	I, W, A, T
SureSlide Single-Pole or 3-Way Dimmer with Preset On/Off Switch, with optional use LED	**6633-PL**	600W	I, W, A, T
SureSlide Incandescent or Magnetic Low-Voltage Dual Slide-To-Off Dimmer—two Single-Pole Loads	**6628**	300W or 300VA per circuit; 600W/600VA Total	I, W, A

6631-LW

6633-PLW

Low Voltage ⓤ Ⓒ

DESCRIPTION	CAT. NO.	RATING	COLOR*
SureSlide Magnetic Low-Voltage Dimmer, Single-Pole or 3-Way with Preset On/OFF Switch, with optional use LED	**6613-PL**	600VA (450W)	I, W, A, T
SureSlide Electronic Low-Voltage Dimmer, Single-Pole or 3-Way with Preset On/OFF Switch	**6615-P**	300W	W, T

Advance Mark 10® *Powerline*/Philips Marathon™ ⓤ Ⓒ

DESCRIPTION	CAT. NO.	RATING	COLOR*
SureSlide Dimmer for Mark 10 *PowerLine*/Phillips Marathon Ballasts, 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**	5A	I, W (Also available in Brown)
SureSlide Single-Pole or 3-Way with Preset ON/OFF	**6637-P**	5A	I, W, A

Quiet Step Fan Speed Controls ⓤ Ⓒ

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

See Page C7 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 dimmer.

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.
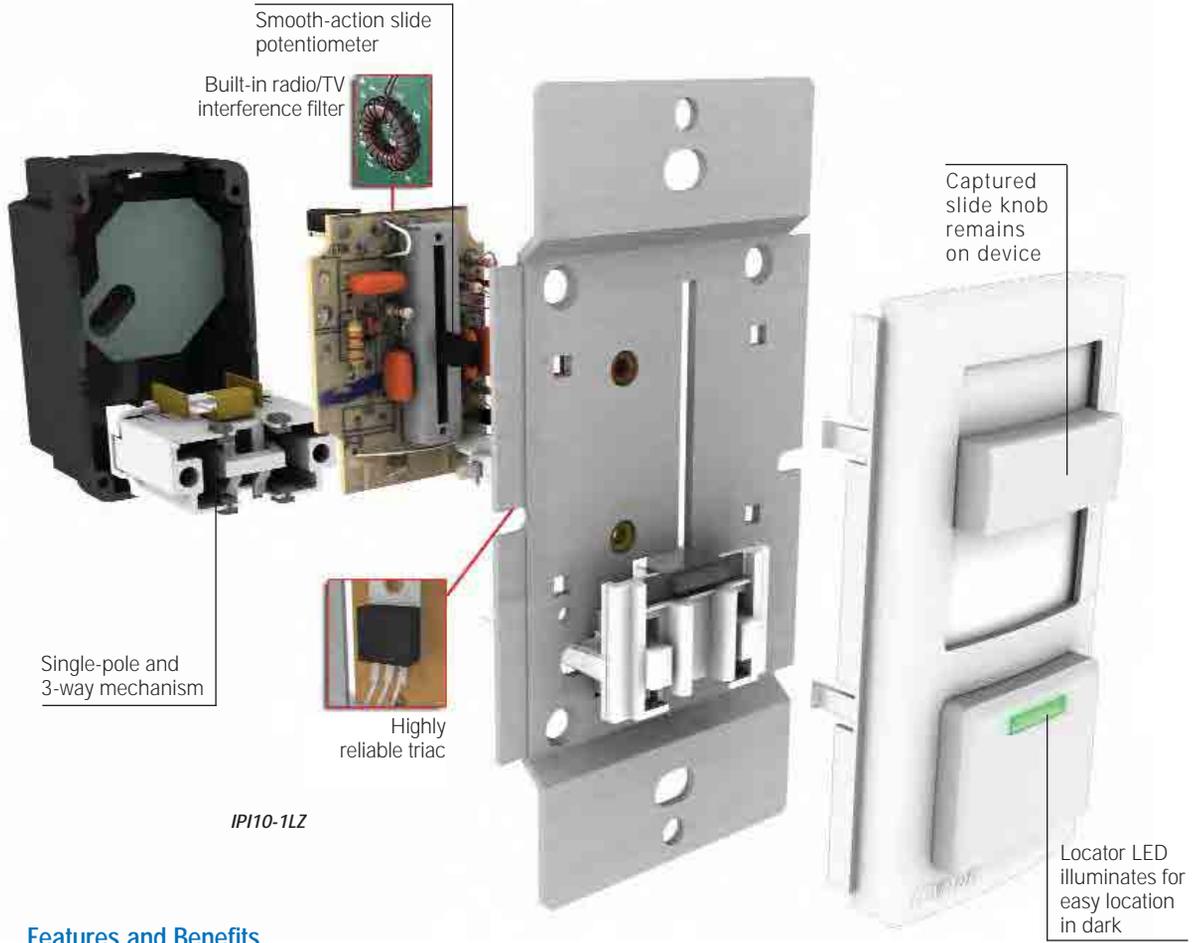
SPECIFICATIONS AND FEATURES

- 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 3-way (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™

TESTING AND CODE COMPLIANCE

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

*COLOR

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

MATERIAL CHARACTERISTICS

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

Residential Grade Controls

Trimatron™ Deluxe Full Range Rotary Controls

Trimatron Incandescent Rotary Dimmers 600 Watts ⓊⓁ ⓈⒶ

DESCRIPTION	CAT. NO.	RATING	COLOR*
Trimatron Incandescent Dimmer, push-ON/push-OFF, Single-Pole	6681	600W-120V AC	I, W, A
Trimatron Incandescent Dimmer, push-ON/push-OFF 3-Way	6683	600W-120V AC	I, W, A
Trimatron Incandescent Dimmer, Single-Pole	6602	600W-120V AC	I, W
Trimatron Incandescent Dimmer Single-Pole (Not UL Listed or CSA Certified)	6602-220	600W-220V 50Hz	W
Decora Plastic Adapter for Rotary Dimmers — plastic, standard size; fits over .406" dimmer shaft	80400	——	I, W, A, E (Basic Cat. No. denotes Brown)
Dimmer Knobs with metal insert (packed 25 per box)	26115	——	I, W, A, T, E (Basic Cat. No. denotes Brown)

Note: All dimmers have a ground wire.

Trimatron Fan Speed Controls 120V AC 60Hz Only ⓊⓁ ⓈⒶ

DESCRIPTION	CAT. NO.	RATING	COLOR*
Trimatron Full-Range Fan Speed Control	6616-X	5A-120V AC	I, W
Trimatron Quiet Fan Speed Control	6639	1.5A-120V AC	I, W

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
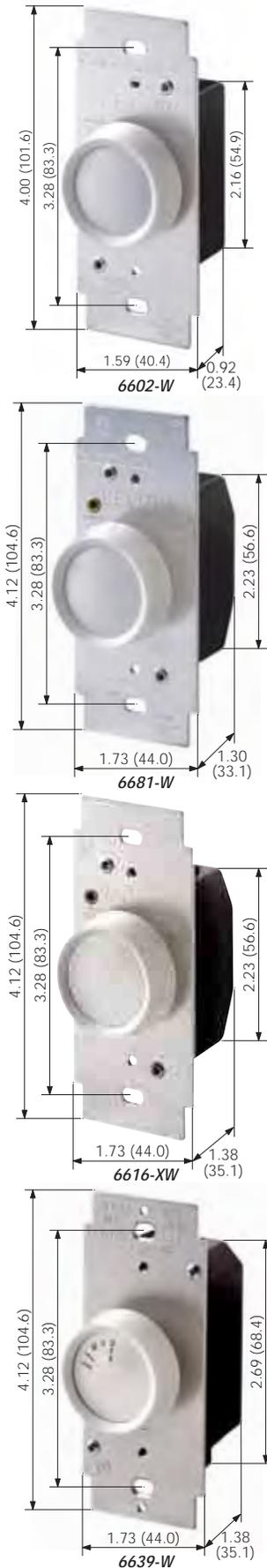
SPECIFICATIONS AND FEATURES

- 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

Lighting Controls

Residential Grade Lighting Controls

6641-W

911-W
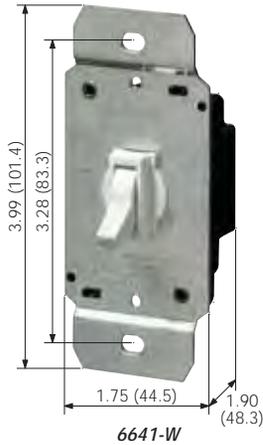
Incandescent Lighting Controls

Toggle Dimmers 600 Watts 120V AC 60Hz Only Ⓤ ⓢ

DESCRIPTION	CAT. NO.	RATING	COLOR* (Basic Cat. No. Denotes Brown)
Incandescent Dimmer, Single-Pole	**6641**	600W-120V AC	I, W,
Incandescent Dimmer for Single-Pole or 3-Way	**6643**	600W-120V AC	I, W
Incandescent Dimmer, Single-Pole, Illuminated	**6691**	600W-120V AC	Clear
Incandescent Dimmer, Single-Pole or 3-way, Illuminated	**6693**	600W-120V AC	Clear

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

DESCRIPTION	CAT. NO.	RATING	COLOR*
Decora 3-Position Emergency Flasher Rocker Switch, Incandescent only	**911**	500W-120V AC	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

Specialty Dimmers and Sockets

Incandescent Dimmers 120V AC 60Hz Only ⓤ ⓢ

DESCRIPTION	CAT. NO.	RATING	COLOR*
Decora 4-Level Step Dimmer Incandescent only	6161	500W	W, I, A
HI-LO Feed-through Lamp-Cord Dimmer	1420	200W	W *(Basic Cat. No. Denotes Brown)*
Full-Range Feed-through Lamp-Cord Dimmer (Individually boxed) (not UL Listed or CSA Certified)	6250-3	200W	I *(Basic Cat. No. Denotes Brown)*
Tabletop Dimmer for plug-in lamps	TBI03	300W	W, E

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)

4.13 (105.0) 3.28 (83.3) 2.65 (67.3)

1.73 (43.4) 1.53 (38.9)

6161-W

1.25 (31.7) 2.66 (67.5) 1.50 (38.1)

6151

Lighting Controls

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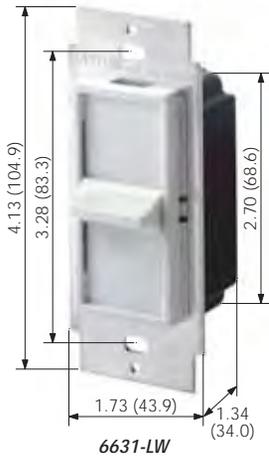Basic Cat. No. denotes Brown where indicated. Add suffix to catalog number as follows for other colors: Ivory (-I), White (-W).

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

HOW TO USE THIS CATALOG

The L-101 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-101 Catalog can be clearly copied or faxed to customers and prospects for use as a specifier 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.

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

Energy Management Products

INDEX

LEVITON®

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 system 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.

Photocell detects light to enable energy-saving ambient light override

PIR sensors detect IR signal

Adjustable blinders block peripheral signals

Fresnel lens for optimal field of view

Time, range and light adjustments

Ground clip to ensure solid connection

LED indicator flashes when sensor detects motion

Push button for manual ON/OFF

Wall-Switch Occupancy Sensor
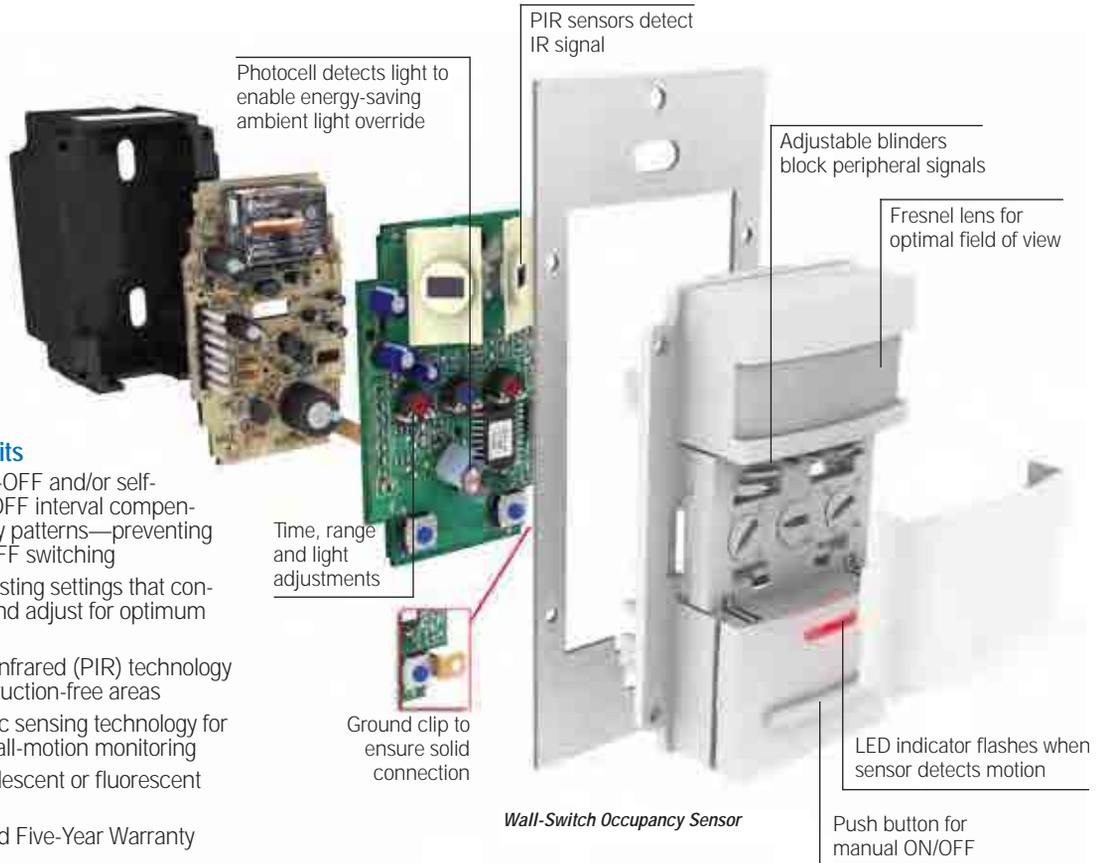
Features and Benefits

- 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 360º coverage. For small spaces.
ODCOS-I1W 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-M0W shown

Ultrasonic Ceiling-Mount Occupancy Sensor
Highly accurate small-motion detection. Self-adjusting sensitivity and time off.
OSC05-U0W shown

Wall-Mount Occupancy Sensor
Available with multi-technology sensing or IR wide-view, high-bay and long-range versions. Fits in corner.
OSW12-M0W 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, 180° field of view, 2100 sq. ft	ODS10-ID	Incandescent: 800W @ 120V, Fluorescent: 1200VA @ 120V, 2700VA @ 277V. For 60 Hz AC only. Motor: 1/4 HP @ 120V	I, W, A, T, G
Decora Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology, 180° field of view, 2100 sq. ft	ODS15-ID	Incandescent: 1800W @ 120V. Fluorescent: 1800VA @ 120V, 4000VA @ 277V. Motor: 1/4 HP @ 120V	I, W, A, T, G
Decora Wall Switch PIR Occupancy Sensor with LED Night Light, 180° field of view, 1200 sq. ft (neutral required)	OSSNL-ID	Incandescent: 800W @ 120V Fluorescent: 1200VA @ 120V 2700VA @ 277V Motor: 1/8HP @ 120V	I, W, A, T, G
CEC Title 24 Compliant Decora Wall Switch PIR Manual-ON Sensor with LED Night Light, 180° field of view, 1200 sq. ft (neutral required)	OSS10-ID	Incandescent: 800W @ 120V Fluorescent: 1200VA @ 120V 2700VA @ 277V Motor: 1/8HP @ 120V	I, W, A, T, G

ODS15-IDW

OSSNL-IDW/OSS10-IDW

ODSXX-ID/OSSXX-ID Field of View (in feet)
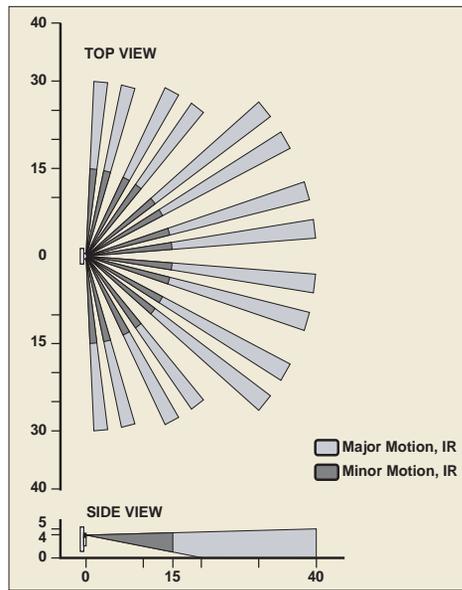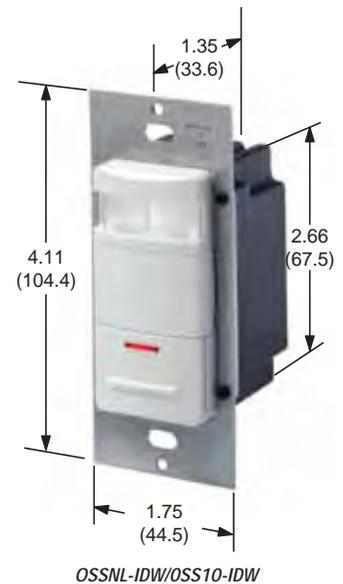
SPECIFICATIONS AND FEATURES

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, classrooms, stockrooms, lounges, restrooms, warehouses and commercial areas
- Exclusive automatic "Walk-Through" sensing increases energy savings by shutting lights within 2½ 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

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

All Night Light Wall Switch Sensors
- For use in conference rooms, classrooms, small offices, lounges, hotel/hospital/office restrooms
- 180° field of view, 1200 sq. ft. of coverage
- Night light with dim feature

OSSNL-ID PIR Occupancy Sensor
- Manual delayed-OFF time settings: 30 seconds, 30 minutes, 1 hour, 2 hours

OSS10-ID PIR Occupancy Sensor
- Manual delayed-OFF time settings: 30 seconds to 30 minutes

- Manual ON/Auto OFF operation for CEC Title 24 Compliance

TESTING AND CODE COMPLIANCE
- UL Listed (File #E-118904)
- 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), Almond (-A), Light Almond (-T), Gray (-G).

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

Energy Management Products

Commercial Grade Energy Management Products

Wall Switch Occupancy Sensor Lighting Controls

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, 180˚ field of view, 2100 sq. feet	ODSOD-ID	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
Dual-Relay Decora Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology. Secondary relay provides Manual-ON only for CEC Title 24 compliance, 180˚ field of view, 2100 sq. ft	ODSOD-TD	Primary Relay provides Automatic ON switching and responds to Ambient Light Override. Secondary Relay provides Manual-ON switching only	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

ODSOD-IDW/ODSOD-TDW

1.35 (33.6)
4.11 (104.4)
2.66 (67.5)
1.75 (44.5)

Decora Wall Switch Multi-Tech (PIR & US) Occupancy Sensors ⓤ Ⓢ.

DESCRIPTION	CAT. NO.	RATING	COLOR*
Decora Wall Switch Multi-Tech Occupancy Sensor with Self-Adaptive Technology, 180˚ field of view, 1200 sq. ft	OSSMT-MD	Incandescent/Tungsten: 800W @ 120V Fluorescent: 1200VA @ 120V, 2700VA @ 277V Motor: 1/4HP @ 120V	I, W, A, T, G
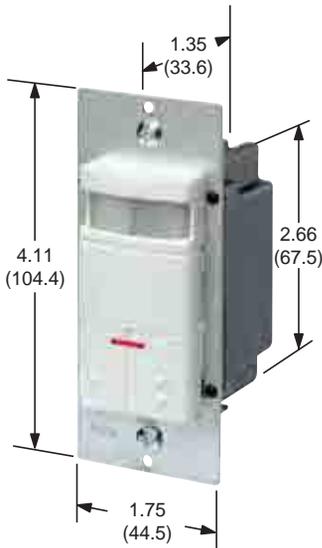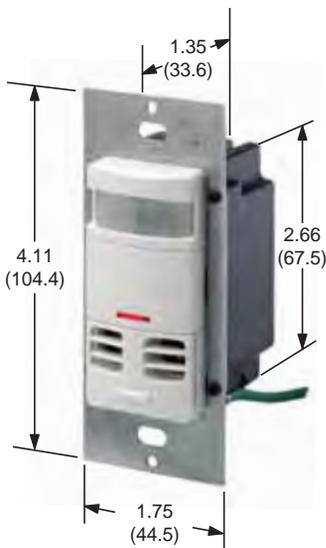
OSSMT-MD Multi-Tech Sensor

1.35 (33.6)
4.11 (104.4)
2.66 (67.5)
1.75 (44.5)
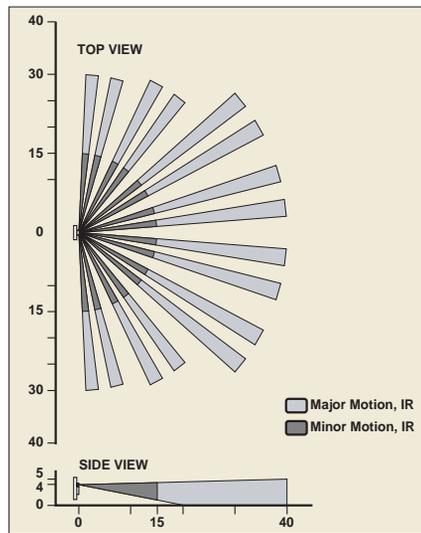
ODSOD-ID, -TD Field of View (in feet)

Major Motion, IR
Minor Motion, IR
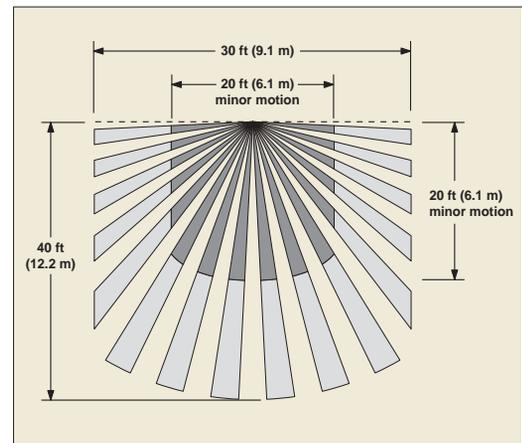
OSSMT-MD Field of View (in feet)

30 ft (9.1 m)
20 ft (6.1 m) minor motion
40 ft (12.2 m)
20 ft (6.1 m) minor motion

Dual-Relay PIR Occupancy Sensors
- 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
- ODSOD-TD provides Manual-ON/Auto-OFF operation for CEC Title 24 compliance

OSSMT-MD Multi-Tech Occupancy Sensor
- Ideal in offices, conference rooms, storage areas, restrooms, classrooms and lounges
- Combines passive infrared and ultrasonic technologies to provide maximum sensitivity with immunity to false triggering
- Ambient light override prevents lights from turning ON when there is ample natural light
- Exclusive automatic "Walk-Through" sensing
- Manual delayed-OFF time settings (30 seconds to 30 minutes)
- Manual-ON/Auto-OFF setting for CEC Title 24 compliance

TESTING AND 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), Almond (-A), Light Almond (-T), Gray (-G).

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

Residential Grade Energy Management Products

Wall Switch Occupancy Sensor Lighting Controls

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, 400 sq. ft	**PR180-1L**	Incandescent: 500W, Rapid Start Magnetic Fluorescent only: 400VA @ 120V AC,	I, W, A
Decora Wall Switch PIR Occupancy Sensor, Single-Pole, 150° field of view, 350 sq. ft	**PR150-1L**	Incandescent: 500W, Rapid Start Magnetic Fluorescent only: 400VA @ 120V AC,	I, W, A

PR180-ILW

PR150-1L Field of View (in feet)
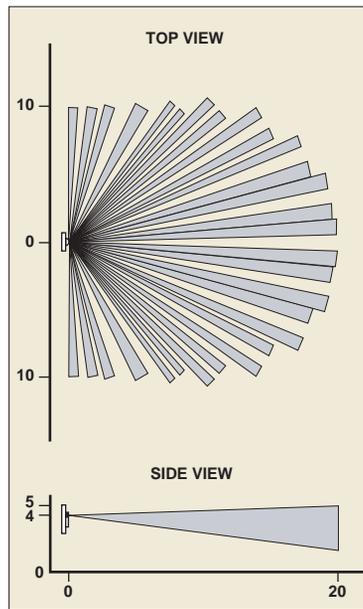
PR180-1L Field of View (in feet)

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 AND CODE COMPLIANCE

• UL Listed (File #E-118904)

• CSA Certified (File #LR-91148M)

• 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

Energy Management Products

Residential Grade Energy Management Products

1.35
(34.3)

4.06
(103.2)

2.60
(66.1)

1.75
(44.4)

IPP15-ILW
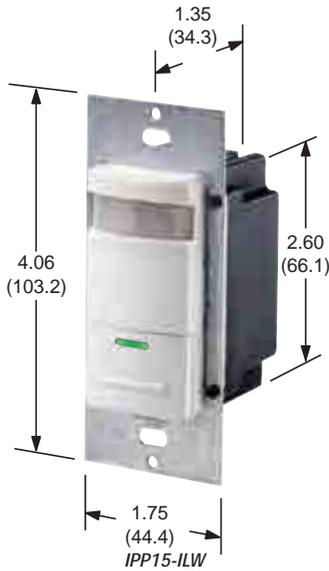
Manual-ON Wall Switch Occupancy Sensor Lighting Controls

Decora Manual-ON Wall Switch Infrared Occupancy Sensor ⓊⓁ ⓈⓇ

DESCRIPTION	CAT. NO.	RATING	COLOR*
Decora Manual-ON Wall Switch PIR Occupancy Sensor, CEC Title 24 Compliant, Single-Pole, 3-Way or more when used with IPP0R Sensor Remote or Vizia Switch Remote, 180˚ field of view, 900 sq. ft (neutral required)	IPP15-1L	Incandescent: 1800W, Fluorescent: 1800VA at 120V AC, Motor: 1/2 HP @ 120V AC	I, W, A, T, E
Decora Manual-ON Occupancy Sensor Remote, 180˚ field of view, 900 sq. ft (neutral required)	IPP0R-1L	120V AC–No load rating, For use with IPP15 Sensor or Vizia Dimmers	I, W, A, T
Vizia™ Matching Switch Remote, lighted (neutral required)	VZ0SR-1L	120V AC–No load rating	X (I, W & A), Z (I, W & T)
Vizia™ Coordinating Switch Remote, unlighted (neutral required)	VZ0SR-10	120V AC–No load rating	X (I, W & A), Z (I, W & T)

TOP VIEW

30
15
0
15
30

SIDE VIEW

5
4
0

0   15   30
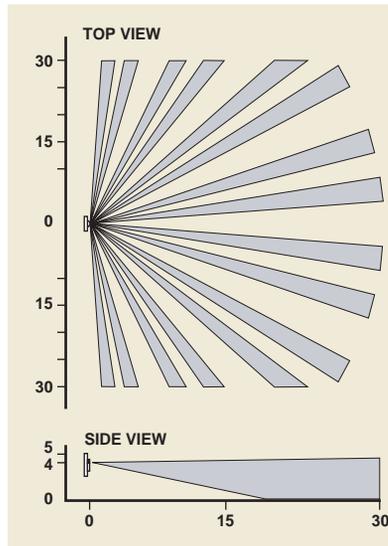
IPP15-IL Field of View (in feet)

SPECIFICATIONS AND FEATURES

• Manual-ON/Automatic OFF operation in accordance with California Title 24 2005 requirements
• 180˚ field-of-view provides approximately 900 sq. ft. of coverage suitable for bathrooms, basements, garages, utility rooms, and a variety of other residential areas
• Low-profile design eliminates an obtrusive "scanning-device" look
• Elegant Decora styling complements any interior and coordinates with Leviton's popular line of Decora wiring devices and Vizia lighting controls
• IPP15 provides a true 3-Way feature when used with the IPP0R Manual-ON Occupancy Sensor Remote or the VZ0SR Vizia Switch Remote
• Convenient push-button provides Manual ON/OFF light switching at any time

• Segmented Fresnel lens provides optimum sensitivity and performance
• Horizontal field of view may be adjusted between 180˚ and 32˚ of arc by using integral blinders located on either side of the lens
• Four optional manual adjustments for delayed-OFF time settings maximize energy savings: 30 seconds (for walk test), 5 minutes, 15 minutes and 30 minutes
• LED indicator light flashes when sensor detects motion to verify detection is active
• Fits in standard wallbox
• Requires a neutral (white) wire connection

TESTING AND CODE COMPLIANCE

• UL Listed (File #E-118904)
• CSA Certified (File #LR-152105)

• Conforms to California Title 24 Energy Code and FCC regulations
• Backed by a Limited Five-Year Warranty

*COLOR

Colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (-T) and Black (-E). Vizia Switch Remotes come packaged with three colors. Controls with suffix (-X) include White, Ivory and Almond. Controls with suffix (-Z) include White, Ivory and Light Almond.

MATERIAL CHARACTERISTICS

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

D

Commercial Grade Energy Management Products

Self-Contained Infrared Fixture-Mount Occupancy Sensor

DESCRIPTION	CAT. NO.	RATING	MOUNTING HEIGHT	COLOR
Self-Contained Fixture-Mount High Bay Occupancy Sensor with 360˚ open area lens and 60 x 20 ft. aisle pattern lens	**OSFHU-ITW**	Fluorescent: 800VA @ 120V, 1200VA @ 277V, 1500VA @ 347V Motor: 1/4HP @ 120V	360˚ lens: 40 ft with 60 ft dia. 30 ft with 50 ft dia. 20 ft with 50 ft dia. Aisle lens: 40 ft with 60 ft (length) x 20 ft (width)	White
Offset Adapter Accessory for High Bay Fixture-Mount Occupancy Sensor	**OSFOA-00W**	––	––	White

Aisle Lens

3.50 (88.9)

3.50 (88.9)   1.25 (31.8)

OSFHU-ITW

360˚ Lens

OSFOA
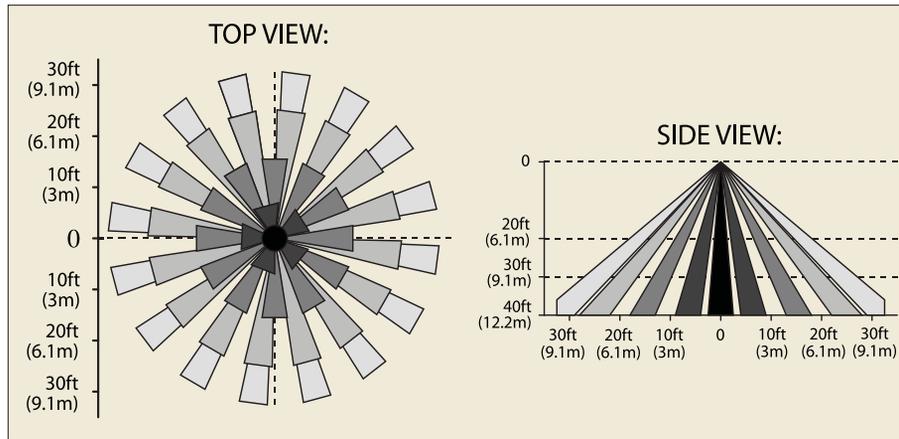
OSFHU-ITW 360° Field of View (in feet)
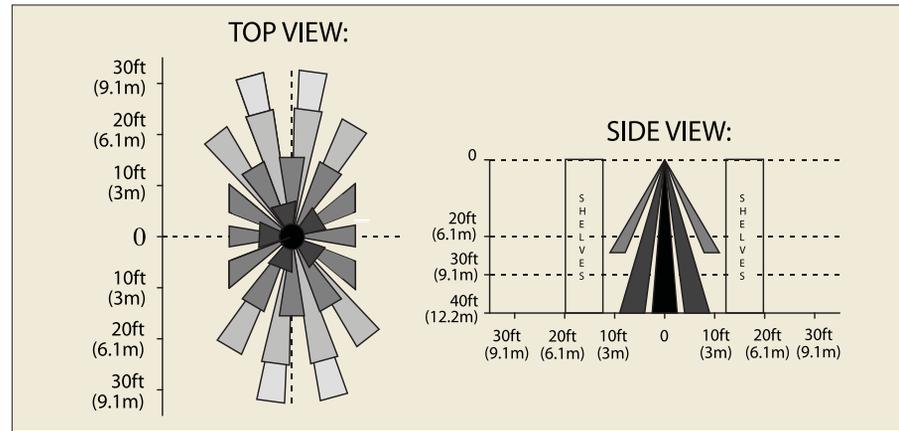
OSFHU-ITW Aisle Field of View (in feet)

SPECIFICATIONS AND FEATURES

- Ideal in commercial facilities with high ceilings, including warehouses, manufacturing and others
- Mounts directly to industrial-style fluorescent luminaires or electrical junction box
- Provided with an open area 360˚ lens installed in the sensor and an interchangeable 60 x 20 ft. aisle-pattern lens
- Self-contained PIR sensor and relay turn individual fixtures ON/OFF based on occupancy
- Accommodates high-bay 20-40 ft. mounting heights
- Relay uses zero-crossing circuitry for enhanced reliability and long-life operation

- Delayed-OFF time adjustment from 30 seconds to 20 minutes
- Two-piece accessory offset adapter (Cat. No. OSFOA-00W) that snaps into a ½" knockout on the end of an industrial fixture is also available
- Adapter allows positioning of the sensor below the fixture body to improve field of view for deep body fixtures

TESTING AND CODE COMPLIANCE

- UL and cUL Listed
- California Title 24 Compliant
- FCC Compliant
- Backed by a Limited Five-Year Warranty

Energy Management Products

D

Commercial Grade Energy Management Products

Ø4.50
(114.3)

1.75
(44.5)

OPB15-0DW

Self-Contained Power Base Adaptor
Power Base Adaptor
Converts any Leviton low voltage ceiling or wall-mount occupancy sensor to a self-contained, line voltage unit with 15A, 120/277V load capacity

Power Base Adaptor Ⓤ

DESCRIPTION	CAT. NO.	POWER INPUT/OUTPUT	RATING	COLOR
Power Base Adaptor	**OPB15-0DW**	Power Input: 120/277VAC Control Output: 24VDC, 40mA	15A Incandescent, Electronic or Magnetic Fluorescent Ballast	White

Neutral (White)

Load

Hot (Black) 120/277V

Load (Blue)

OPB15 Power Base

Any Leviton Low-Voltage Ceiling Sensor
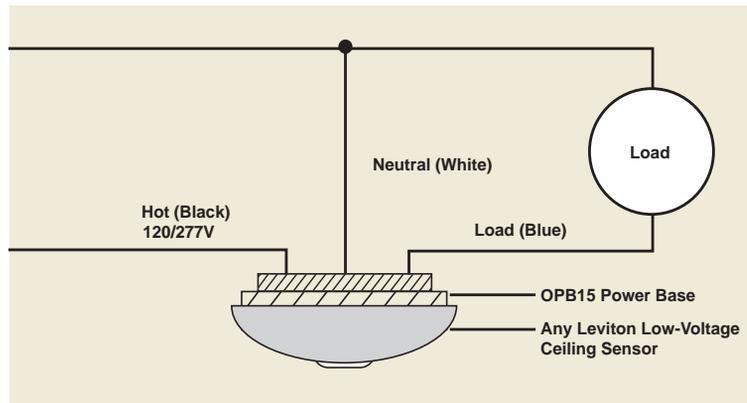
OPB15-0DW Power Base Adaptor Wiring Diagram

SPECIFICATIONS AND FEATURES
• Ideal for use in lavatories, remodels, hard ceiling spaces, energy conservation retrofits and any installation with limited access for low-voltage wiring
• Patent-pending design converts Leviton low-voltage ceiling sensors to line voltage
• Ideal for both existing buildings with limited access to low-voltage wiring and new construction with line-voltage circuiting only
• Mounts easily in a standard 2.125" deep x 4" octagon or 2.125" deep x 4" square electrical box with a 2-gang mud ring; flying leads provide fast line voltage connections

• Two-piece terminal block provides fast, easy low-voltage connections to the sensor
• Relay uses zero-crossing circuitry for enhanced reliability and long-life operation

TESTING AND CODE COMPLIANCE
• UL and cUL Listed
• NOM Certified
• California Title 24 Compliant
• Backed by a Limited Five-Year Warranty

Energy Management Products

D

8

Commercial Grade Energy Management Products

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	**ODCOS-I1W**	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	**ODCOS-I2W**	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	**ODCOS-I7W**	Fluorescent: 2700VA @ 277V. For 60Hz AC only	360°, 530 sq. ft	White
Protective Cage	**ODCCG**	——	——	White

Ø4.30 (109.2)

2.15 (54.6)

ODCOS-I1W

TOP VIEW

SIDE VIEW

ODCOS-I Field of View (in feet)
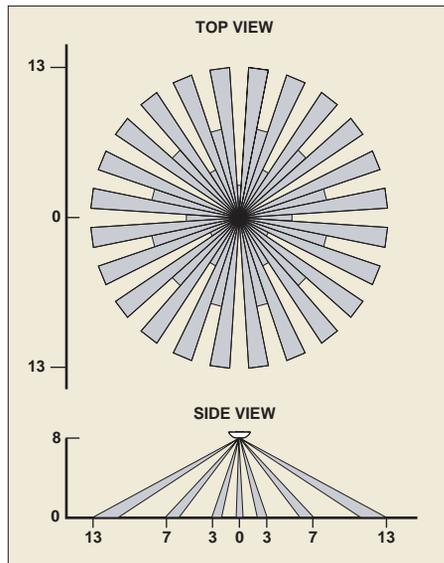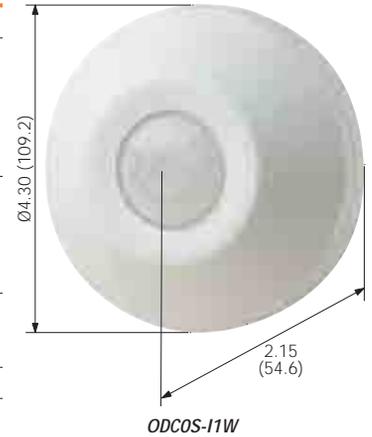
SPECIFICATIONS AND FEATURES

- 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

Energy Management Products

Commercial Grade Energy Management Products

Ceiling-Mount Occupancy Sensor Lighting Controls

Multi-Technology Ceiling-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.
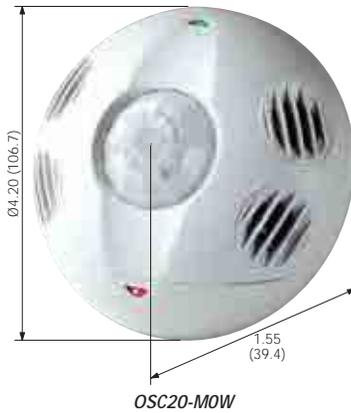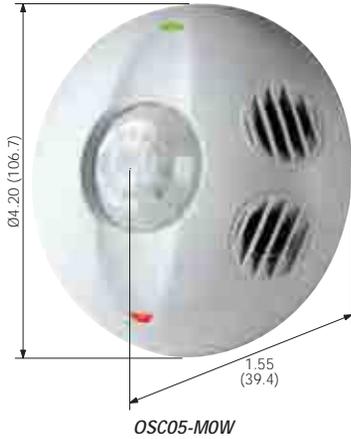
DESCRIPTION	CAT. NO.	COVERAGE	OPERATING FREQUENCY	COLOR
Multi-Tech Ceiling-Mount Occupancy Sensor	OSC05-M0W	180°, 500 sq. ft	40kHz	White
Multi-Tech Ceiling-Mount Occupancy Sensor	OSC10-M0W	360°, 1000 sq. ft	40kHz	White
Multi-Tech Ceiling-Mount Occupancy Sensor	OSC20-M0W	360°, 2000 sq. ft	32kHz	White
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 D15 for information on OSP20.

Ø4.20 (106.7)
1.55 (39.4)
OSC05-M0W

Ø4.20 (106.7)
1.55 (39.4)
OSC20-M0W

■ Major Motion, IR
▢ Minor Motion, Ultrasonic
⬚ Major Motion, Ultrasonic

OSC05-M0W Field of View (in feet)

OSC10-M0W Field of View

OSC20-M0W Field of View

- 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

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

Commercial Grade Energy Management Products

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	**OSC05-U0W**	180°, 500 sq. ft	40kHz	White
Ultrasonic Ceiling-Mount Occupancy Sensor	**OSC10-U0W**	360°, 1000 sq. ft	40kHz	White
Ultrasonic Ceiling-Mount Occupancy Sensor	**OSC20-U0W**	360°, 2000 sq. ft	32kHz	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 D15 for information on OSP20.

Ø4.20 (106.7)
1.34 (34.0)

OSC05-U0W

☐ **Minor Motion, Ultrasonic**
┌┈┐ **Major Motion, Ultrasonic**

OSC05-U0W Field of View (in feet)

OSC10-U0W Field of View

OSC20-U0W 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 AND CODE COMPLIANCE

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

Energy Management Products

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11

Commercial Grade Energy Management Products

Ceiling-Mount Occupancy Sensor Lighting Controls

Infrared Ceiling-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.

DESCRIPTION	CAT. NO.	COVERAGE	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 D15 for information on OSP20.

Ø4.20 (106.7)

1.55 (39.4)

OSC04-IOW

■ Minor Motion, IR
□ Major Motion, IR

TOP VIEW

SIDE VIEW
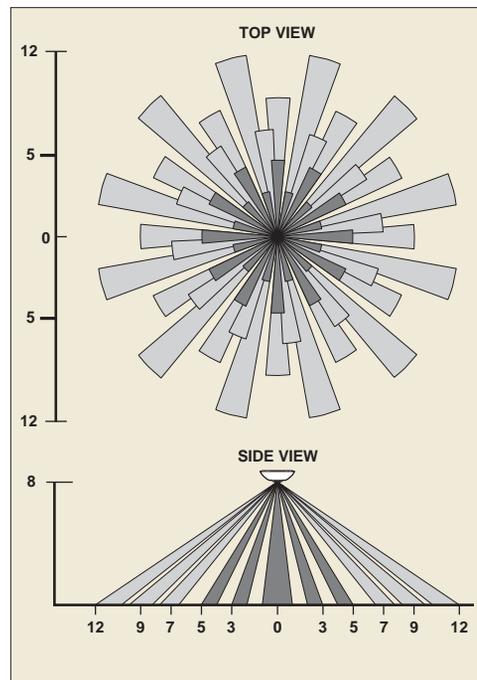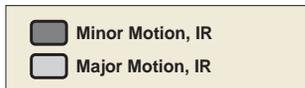
OSC04-IOW Field of View (in feet)

TOP VIEW

SIDE VIEW
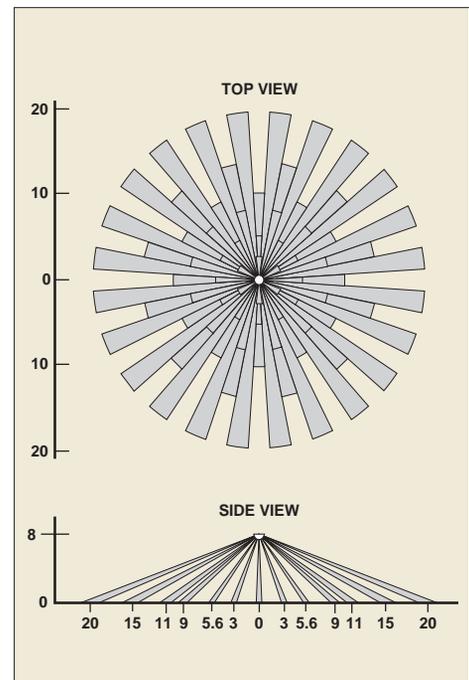
OSC15-IOW Field of View

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

Commercial Grade Energy Management Products

Wall-Mount Occupancy Sensor Lighting Controls

Multi-Technology Wall-Mount Occupancy Sensor ⓤ Ⓢ
(For use with Leviton Power Pack or Power Base Adaptor)*

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-M0W**	115°, 1200 sq. ft	32kHz	White

*Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OSP20 Power Pack, OPB15 Power Base Adaptor or a Centura CN100 Power Pack (purchased separately). See page D15 for information on OSP20 and page D8 for information on OPB15.

Note: Canopy and neck allow the Wall-Mount Occupancy Sensor to be installed on the ceiling as well.

Ø4.23 (107.4)
4.67 (118.6)
5.50 (139.7)

*OSW12-M0W
Wall Mount*

Ø4.23 (107.4)
5.50 (139.7)
6.37 (161.8)

*OSW12-M0W
Ceiling Mount*

TOP VIEW

58
31
16
11.5
0
11.5
16
31
58

SIDE VIEW

8
0
0 3 8 15 31 68
23 32

| Minor Motion, IR |
| Major Motion, IR |
| Minor Motion, Ultrasonic |
| Major Motion, Ultrasonic |
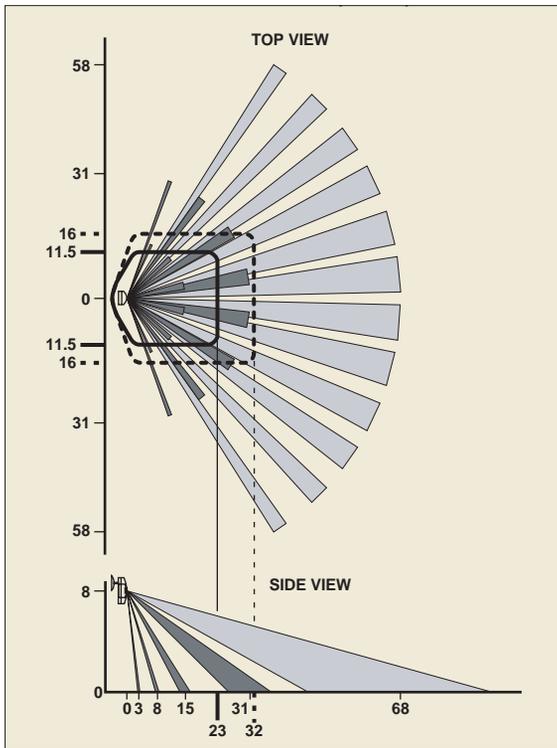
OSW12-M0W Field of View (in feet)

SPECIFICATIONS AND FEATURES

- Ideal for conference rooms, stairwells, 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 85° 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 AND CODE COMPLIANCE

- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty
- California Title 24 Compliant

Energy Management Products

Commercial Grade Energy Management Products

4.67
(118.6)

Ø4.23 (107.4)

5.50 (139.7)

OSWHB-IOW

Wall-Mount Occupancy Sensor Lighting Controls

Infrared Wide View, High-Bay and Long-Range Wall-Mount Occupancy Sensor Ⓤ Ⓒ

(For use with Leviton Power Pack or Power Base Adaptor)*

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.

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., 110º @ 10 ft. high	White

Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. OSP20 Power Pack, OPB15 Power Base Adaptor or a Centura CN100 Power Pack (purchased separately). See page D15 for information on OSP20 and page D8 for information on OPB15.

Note: Canopy and neck allow the Wall-Mount Occupancy Sensor to be installed on the ceiling as well.

TOP VIEW

■ Minor Motion, IR
□ Major Motion, IR

58
29
0
29
58

SIDE VIEW

8

0

0 3 8 15   31   68

OSWWV Field of View (in feet)

TOP VIEW

3.5
0
3.5

SIDE VIEW

30

0 3   13   25   52

OSWHB Field of View

SPECIFICATIONS AND FEATURES

- OSWWV-I: Ideal for conference rooms, stairwells, 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 85° 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 AND CODE COMPLIANCE

- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty
- California Title 24 Compliant

TOP VIEW

16.6
0
16.6

SIDE VIEW

10

0

0   14   42   71   100

OSWLR Field of View

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 D10–D14)

DESCRIPTION	CAT. NO.	POWER INPUT	RELAY RATING	CONTROL INPUT	POWER SUPPLY OUTPUT
Power Pack	OSP20-0D0	120/220/ 277VAC, 60Hz	20A fluorescent/ incandescent @ 120V, 20A fluor. @ 277V; 1HP @120V, 2HP @ 240V	5mA, 24VDC	150mA, 24VDC
Power Pack with HVAC relay	OSP20-RD0	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	OSP15-R30	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	OSA20-R00	—	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	OSPNA-000	—		—	—

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:

$$\left(\text{Number of Model A sensors} \times \text{Sensor A current consumption rating}\right) + \left(\text{Number of Model B sensors} \times \text{Sensor B current consumption rating...}\right) + \left(\text{Number of Add-A-Relays} \times 50mA\right) \leq 150mA \text{ per power pack}$$

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 AND CODE COMPLIANCE
- cULus, FCC and NOM Certified
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty

Energy Management Products

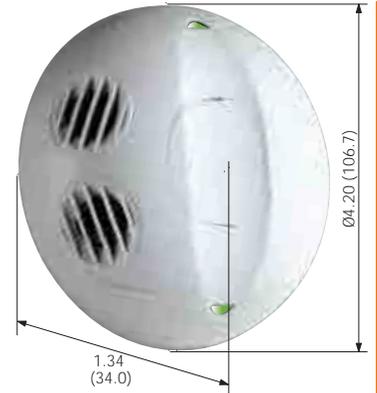## Commercial and Residential Grade Energy Management Products

9.16
(232.7)

5.36
(136.1)

4.50 (114.3)

2.43 (63.0)

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 ⓊⓁ ⒼⓅ
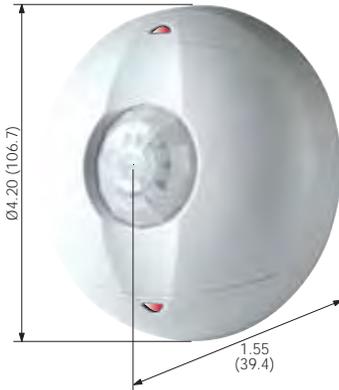
DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR
Professional Series Outdoor PIR Motion Sensor	PS200-10	Incandescent: 1000W @ 120V. For 60Hz AC only	200°	White
Professional Series Outdoor PIR Motion Sensor with Dual Floodlights	PS200-1F	Incandescent: 1000W @ 120V. For 60Hz AC only	200°	White
Professional Series Outdoor PIR Motion Sensor	PS110-10	Incandescent: 1000W @ 120V. For 60Hz AC only	110°	White
Professional Series Outdoor PIR Motion Sensor with Dual Floodlights	PS110-1F	Incandescent: 1000W @ 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. For 60Hz AC only	110°	White
Residential Series Outdoor PIR Motion Sensor with Dual Floodlights	RS110-1F	Incandescent: 500W @ 120V. For 60Hz AC only.	110°	White

TOP VIEW

50

0

50

SIDE VIEW

10

0

0   50
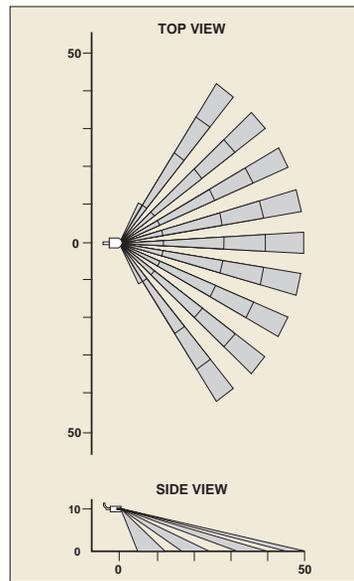
PS110/RS110 Field of View (in feet)

TOP VIEW

50

0

50

SIDE VIEW

10

0

0   50
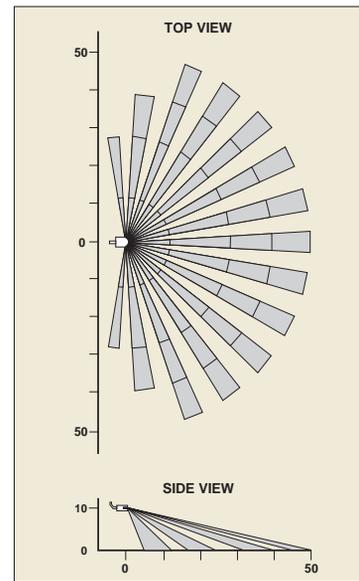
PS200 Field of View

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 AND CODE COMPLIANCE
- UL Listed
- CSA Certified

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

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-M0W	180º, 500 sq. ft.	D10
Multi-tech Ceiling Sensor	OSC10-M0W	360º, 1000 sq. ft.	D10
Multi-tech Ceiling Sensor	OSC20-M0W	360º, 2000 sq. ft.	D10
Ultrasonic Ceiling Sensor	OSC05-U0W	180º, 500 sq. ft.	D11
Ultrasonic Ceiling Sensor	OSC10-U0W	360º, 1000 sq. ft.	D11
Ultrasonic Ceiling Sensor	OSC20-U0W	360º, 2000 sq. ft.	D11
PIR Ceiling Sensor	OSC04-I0W	360º, 450 sq. ft.	D12
PIR Ceiling Sensor	OSC15-I0W	360°, 1500 sq. ft.	D12
Multi-tech Wall Sensor	OSW12-M0W	115º, 1200 sq. ft.	D13
PIR Wide-View Sensor	OSWWV-I0W	115º, 2500 sq. ft.	D14
PIR Long Range Sensor	OSWLR-I0W	100 ft. @ 10 ft. high	D14
PIR High-Bay Sensor	OSWHB-I0W	55 ft., 7 ft. wide @ 30 ft. high	D14

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.
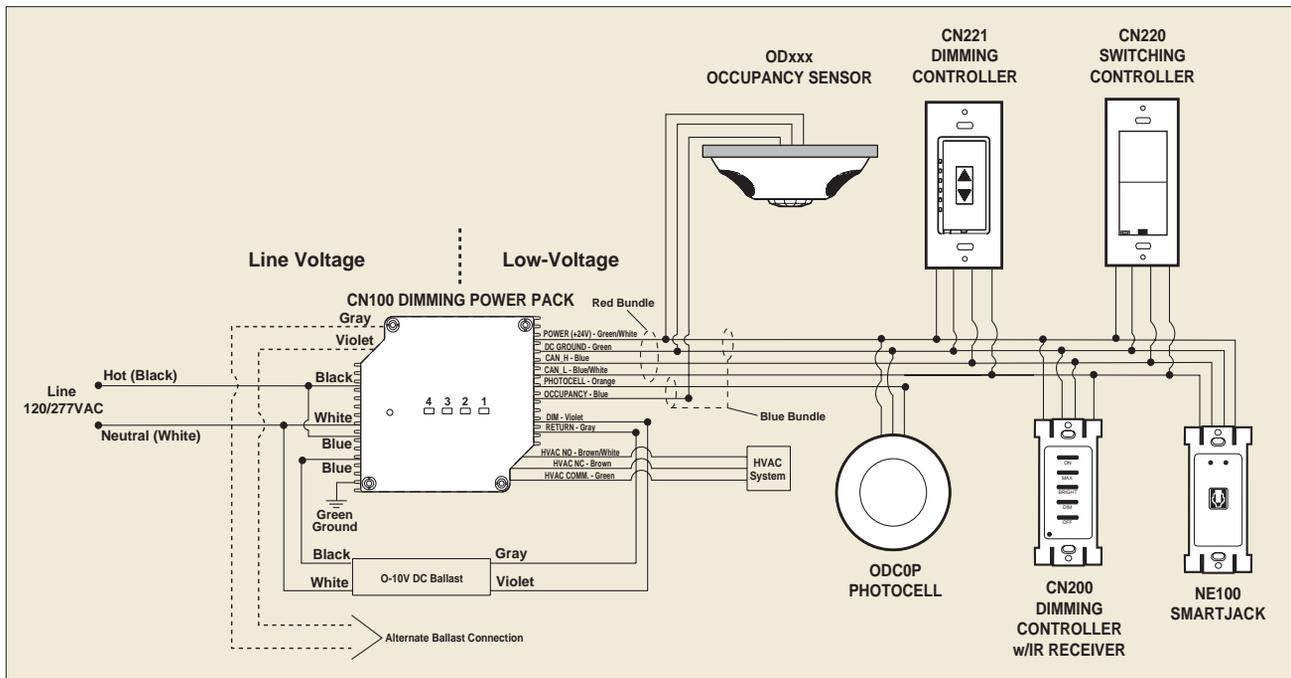
System Wiring Diagram

For more information on Commercial Fluorescent Energy Management Systems, visit Leviton's website at www.leviton.com

Energy Management Products

Commercial Grade Energy Management Products

CN100

4.30 (109.2)
4.00 (101.6)
3.62 (91.9)

CN200

4.71 (119.6)
3.28 (83.3)
2.69 (68.3)
1.76 (44.7)
1.10 (27.9)

CN221

4.11 (104.4)
3.28 (83.3)
2.66 (67.5)
1.75 (44.5)
1.32 (33.6)

ODCOP

2.51 (63.8)
0.99 (25.1)

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.
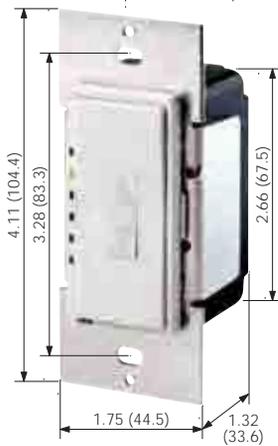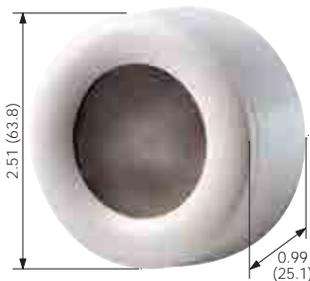
Centura Fluorescent Energy Management System

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	CN100-0D0	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	CN200-00C	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	NE200-00E	No load rating, for use with Centura CN200 Controller only	Black
Centura Switching Controller— Decora-style rocker for ON/OFF switching	CN220-00C	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	CN221-00C	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	ODCOP	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 *leviton.com/centura*	NE100-00C	No load rating, for use with Centura Power Pack	White (Ivory color change kits included)

For more information on Commercial Fluorescent Energy Management Systems, visit Leviton's website at www.leviton.com

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 AND 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)

Commercial and Residential Grade Energy Management Products

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	6215M	2-5-10-15 Minutes	I, W, A, T
3-Wire, Single-Pole (Neutral Required)	6230M	5-10-15-30 Minutes	I, W, A, T
1000W Incandescent, 20A Inductive	6260M	10-20-30-60 Minutes	I, W, A, T
1 HP @ 120V. Compatible with	6212H	2-4-8-12 Hours	
electronic ballasts			I, W, A

RESIDENTIAL GRADE

Electronic Timer Switches 120V AC 60Hz ⓤ ⓢ

DESCRIPTION	CAT. NO.	INTERVAL	COLOR*
Four Preset Buttons and OFF	6515M	2-5-10-15 Minutes	I, W, A
2-Wire, Single-Pole, 120V	6560M	10-20-30-60 Minutes	I, W, A
500W Incandescent Only	6512H	2-4-8-12 Hours	I, W, A

6215M-W
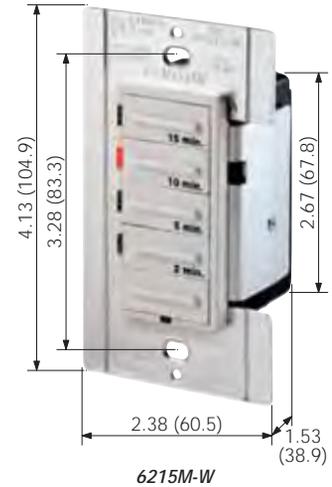
SPECIFICATIONS AND FEATURES

- 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

TESTING AND 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

*COLOR

Colors available as listed. For 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: 32°F to 130°F

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section E.

Commercial and Residential Grade Energy Management Products

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, ¾ 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, T

6124H-W

4.13 (104.9)
3.28 (83.3)
2.67 (67.8)
2.38 (60.5)
1.53 (38.9)

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	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 @ 120V AC 60Hz Neutral Connection Required	6652	1 minute to 18 hours	I, W, A

6651-W

4.13 (104.9)
3.28 (83.3)
2.73 (69.2)
1.73 (43.9)
1.43 (36.3)

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

- UL Listed (File #E-66800)
- CSA Certified (File #LR-68679)
- Backed by a Limited Two-Year warranty

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

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: 32°F to 130°F

Z-MAX Relay Overview

Z-MAX Lighting Control Relay Systems

The Leviton Z-MAX™ line of timed lighting controls and relays provides advanced scheduling of lighting and other loads in applications where a time clock is typically used in conjunction with switching contactors. All Z-MAX models feature easy-to-use menu-driven programming and configuration, a programmable time clock and output relays in a compact cabinet, and several optional accessories for remote control. Z-MAX relay panels are ideal for cafeterias, auditoriums, offices, parking facilities, gymnasiums, pools, educational facilities, and landscape and security lighting. A number of wall stations, flush trim kits and other accessories are available.

NEMA Type-1 enclosure with removable door

Modular connectors for wiring outside cabinet

Keyed lock

Multi-voltage power supply (120V-347V)

Revolutionary Z-Max relay circuit provides unmatched durability

Contractor-friendly oversized lugs accept #8-16 AWG wire

Keypad with LCD and oversized buttons eases programming
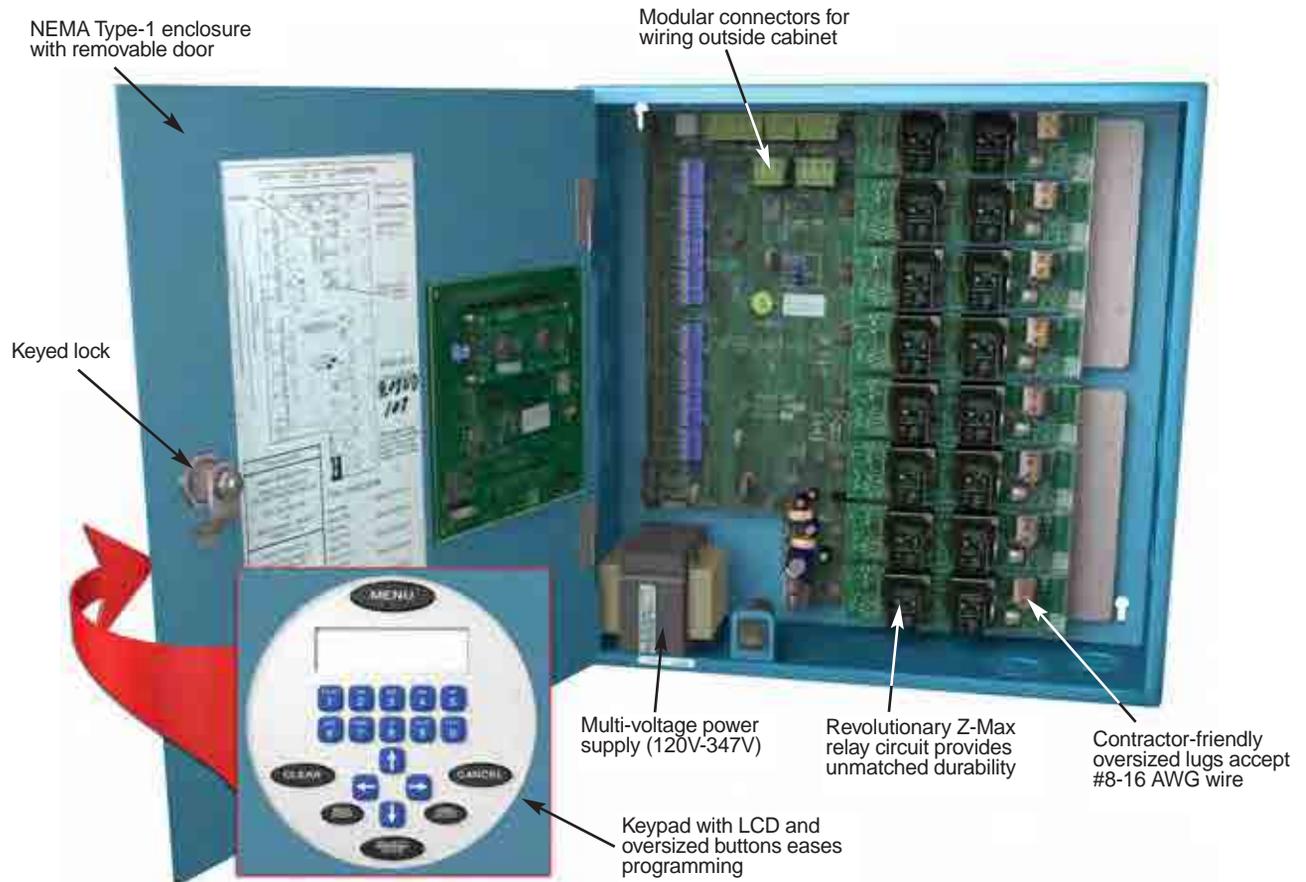
- **In four versions: 8-relay non-networked and 8-relay, 24-relay, 48-relay networked**
- **Single-circuit relay cards simplify maintenance and expansion**
- **Integrated astronomical time clock**
- **Individually replaceable relays rated for all light sources as well as motors**
- **Single-pole and two-pole relays fit in the same location**
- **Normal or emergency panel capability**
- **Compatible with occupancy sensors, photocells, digital and low-voltage wall stations and more**

Available Color
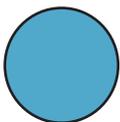
Blue

4.34 (110.6)

13 (330.2)

13 (330.2)

RO8BD

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)	RO8BD-000	120, 277, 347V	Blue
8-Relay Cabinet with 4 Standard Relays	RO8BD-104	120, 277, 347V	Blue
8-Relay Cabinet with 8 Standard Relays	RO8BD-108	120, 277, 347V	Blue
8-Relay Cabinet with 4 2-Pole Relays	RO8BD-204	120, 277, 347V	Blue
8-Relay Cabinet with 8 2-Pole Relays	RO8BD-208	120, 277, 347V	Blue
8-Relay Cabinet with 4 347V Relays	RO8BD-CO4	120, 277, 347V	Blue
8-Relay Cabinet with 8 347V Relays	RO8BD-CO8	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.
For digital and low-voltage switch stations, see page D26.

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*	RELAY-STD	120-277V
2-Pole 20A Relay Card	RELAY-2PL	240/480V
347V Single-Pole 20A Relay Card	RELAY-347	120-347V
Normally Closed Relay Card	RELAY-NCL	120-347V

NOTE: Relay cabinets ship with RELAY-STD modules unless otherwise specified.

For the complete line of Z-MAX components, visit Leviton's website at 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
- Enclosure Dimensions: 13.00 (330.2) x 13.00 (330.2) x 4.34 (110.6)

TESTING AND 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

Commercial Grade Energy Management & Dimming Products

Z-MAX Relay Product Listing

Z-MAX Relay Cabinets with Integrated Electrical Distribution

Z-MAX Relay Panels with an integrated electrical distribution system offer the convenience of a single feed with the flexibility of our popular Z-MAX relay system. Each includes all the award winning features of the Z-MAX product line, integrated with a standard system of electrical distribution and over current protection. These integrated systems use commonly available Cutler Hammer breakers.

*Z-MAX Relay Cabinets with
Integrated Electrical Distribution*

Energy Management Products

120V Systems Stock Configurations

CAT. NO.	VOLTS	PHASE	POWER FEED	NO. OF CIRCUIT BREAKERS (20A SINGLE POLE)	NO. OF Z-MAX RELAY MODULES (STANDARD SINGLE POLE)
RB423-L11	120/208	3Ø	Main Lug	42	42
RB423-B11	120/208	3Ø	225A Main Breaker	42	42
RB421-L11	120/240	1Ø	Main Lug	42	42
RB421-B11	120/240	1Ø	225A Main Breaker	42	42
RB243-L11	120/208	3Ø	Main Lug	24	24
RB243-L11	120/208	3Ø	225A Main Breaker	24	24
RB241-L11	120/240	1Ø	Main Lug	24	24
RB241-B11	120/240	1Ø	225A Main Breaker	24	24

277V Systems Stock Configurations

CAT. NO.	VOLTS	PHASE	POWER FEED	NO. OF CIRCUIT BREAKERS (20A SINGLE POLE)	NO. OF Z-MAX RELAY MODULES (STANDARD SINGLE POLE)
RB423-L21	277/480	3Ø	Main Lug	42	42
RB423-B21	277/480	3Ø	200A Main Breaker	42	42
RB243-L21	277/480	3Ø	Main Lug	24	24
RB243-B21	277/480	3Ø	200A Main Breaker	24	24

Custom configurations are available upon request.
Contact your local Leviton LMS representative for additional information or visit www.leviton.com/LMS.

- Single or Three Phase configurations
- 120V, 277V or 347V systems
- Main lugs or main breaker
- Custom load center configuration
- Field replaceable standard breakers
- All standard Z-MAX operational features
- Uses Cutler-Hammer CH, GHQ and GBH frame snap-in breakers, locked in place by the enclosure
- Ships as one complete pre-wired assembly

- Up to 100,000A AIC, short Circuit Current Rating, available on all panelboards (Consult factory for details)
- 277/480V panelboards, main lugs, 65k AIC @ 120/208V, 14k AIC @ 277/480V standard
- 277/480V panelboard, main breaker, 35k AIC standard
- 120/208V or 120/240V panelboards, main lugs, 10k AIC standard
- 120/208V or 120/240V panelboards, main breaker, 25k AIC standard depending on main breaker

- 347/600V panelboards, main lugs, 10k AIC standard
- 347/600V panelboards, main breaker, 19k AIC standard

TESTING AND CODE COMPLIANCE

- UL and cUL Listed

Commercial Grade Energy Management & Dimming Products

Z-MAX Relay Product Listing

RRP—Remote 4-Relay Panel (Controlled by Z-MAX Master Cabinet)

The RRP (Remote Relay Panel) provides distributed switching of up to four 20 amp lighting circuits, enabling multiple units to be networked and controlled from a Z-MAX Master Relay Panel. With photocell, occupancy sensor and local switch inputs, the RRP is an ideal solution for applications such as school classrooms where daylight harvesting, occupancy sensor control, local switching and central control scheduling are desired. Revolutionary Z-MAX switching circuit with 10,000,000 cycle life employed in the 120-277V standard relay model.

RRP—Remote 4-Relay Panel

DESCRIPTION	CAT. NO.	RATING
Remote Relay Panel with 4, Single Pole 20 Amp Relays for use with Z-MAX. 120/277V	**RE4SD-104**	20A per relay
Remote Relay Panel with 4, Double Pole 20 Amp Relays for use with Z-MAX. 120/277V	**RE4SD-204**	20A per relay
Remote Relay Panel with 4, Single Pole 20 Amp Relays for use with Z-MAX. 347V	**RE4SD-304**	20A per relay

Dimensions: 10.0 (254.0) H x 10.0 (254.0) W x 4.0 (101.6) D

RRP – Remote 4-Relay Panel

For more information on Z-MAX Remote Relay Panels and Accessories, refer to Z-MAX data sheets.

SPECIFICATIONS AND FEATURES

- Network ready for up to 96 total relays
- USB port for software updates and network configuration
- 120/277V dual voltage standard
- 347V available
- Removable interior allows rough-in without risk of damage to components
- Rated for 100% load capacity
- Handles in-rush currents in excess of 50 times load current
- Low-voltage switch inputs support Leviton low voltage switches and GE-style, ON/OFF switches with optional LED output

ACCESSORIES

- Low-voltage switch adapter (reduces required wire count of GE style switch by 1)
- 1–10 Button low voltage switches
- Indoor and outdoor 0-10V photocells
- Atrium and skylight 0-10V photocells

Energy Management Products

EZ-MAX Relay Product Listing
EZ-MAX Relay Cabinets

EZ-MAX relay lighting control panels combine the power and performance of the larger Z-MAX relay cabinets in a cost-effective four-circuit package that's housed in a compact 10" X 10" standard electrical enclosure. It is the ideal contractor friendly, quick-to-install solution for smaller, stand-alone applications that do not require the field configuration or advanced networking features of the larger Z-MAX cabinets. It serves as a smart replacement for time clock/contactor installations for any application requiring reliable and cost-effective automatic lighting control.

EZ-MAX Relay Cabinet

EZ-MAX Relay Cabinets

DESCRIPTION	CAT. NO.	RATING
EZ-MAX with 4 120-277V relays	**RE4BD-104**	20A per relay
EZ-MAX with 4 208-480V 2-pole relays	**RE4BD-204**	20A per relay
EZ-MAX with 4 120-347V relays	**RE4BD-C04**	20A per relay

Dimensions: 10.0 (254.0) H x 10.0 (254.0) W x 4.0 (101.6) D

See pages D10-D15 for information on compatible Leviton Occupancy Sensors.

For digital and low-voltage switch stations, see page D26.

For more information on EZ-MAX Relay Cabinets, refer to EZ-MAX data sheets.

SPECIFICATIONS AND FEATURES

Relay Cabinets
- 120-277V standard relay model features revolutionary, patent-pending Z-MAX switching circuit with an unprecedented 10,000,000 cycle life
- 347V available
- Low-voltage inputs allow connection of photocells, occupancy sensors and low-voltage switches for a comprehensive, easy-to-install energy management solution
- Refer to pages D21-D22 for Z-MAX general features

Accessories
- Modem module for touch tone control or remote configuration
- Low-voltage switch adapter (reduces required wire count of GE style switch by 1)
- 1–4 Button low voltage switches
- Indoor and outdoor 0-10V photocells
- Atrium and skylight 0-10V photocells

TESTING AND CODE COMPLIANCE
- ASHRAE 90.1 compliant
- CEC Title 24 compliant
- Limited Ten-Year Warranty

Energy Management Products

Commercial and Residential Grade Energy Management Products

Z-MAX Relay Product Listing

Z-MAX Digital and Low Voltage Switch Stations

The Z-MAX system can incorporate either digital or low-voltage stations. Although they look identical, there are a few differences in how they operate. Both contain buttons that are programmable to a variety of functions and custom labels are available.

ZMDSW-03W

Z-MAX Switch Stations

DESCRIPTION	DIGITAL SWITCH CAT. NO.*	LOW-VOLTAGE SWITCH CAT. NO.**	COLOR
On/Off switch	ZMDSW-01W	LVS-01W	White
Zones 1 and 2	ZMDSW-02W	LVS-02W	White
Zones 1 to 3	ZMDSW-03W	LVS-03W	White
Zones 1 to 4	ZMDSW-04W	LVS-04W	White
Zones 1 to 5	ZMDSW-05W	LVS-05W	White
Zones 1 to 6	ZMDSW-06W	LVS-06W	White
Zones 1 to 8	ZMDSW-08W	LVS-08W	White
Zones 1 to 10	ZMDSW-10W	LVS-10W	White

Note: Wallplate sold separately
*Support network and master Z-MAX versions only
**Support EZ-MAX and Z-MAX stand-alone and slave versions only

miniZ™ Low-Voltage Switch Stations

DESCRIPTION	CAT. NO.	COLOR
5-Button dimming controller with On/Off, for use with miniZ only.	LV200-00W	White
On/Off switch controller for use with miniZ, Z-MAX and EZ-MAX	LV240-00W	White

Dimensions: 4.71 (119.7) H x 1.76 (44.7) W x 1.26 (32.0) D for Switch Stations

LVS-08W

Common Features
- Available in 8 configurations
- Programmable functions include: on, off, and group and scene select
- Compatible with standard and midway size Decora® wallplates
- Custom labeling available; contact a factory representative

Digital Station
- Wired via Luma-Net® to compatible products including D4200, D8000, a-2000, i Series e, i Series Quad, and Z-MAX Relay Cabinets
- Networks with up to 127 devices
- Compatible with handheld IR remote control

Low-Voltage Station
- Compatible with EZ-MAX and Z-MAX Relay Cabinets, MDS cabinets, a-2000 cabinets (with analog card), network protocol converter, and other low-voltage devices
- Cat. No. LV240 for use with miniZ Intelligent Daylight Management System, Z-MAX and EZ-MAX
- Cat. No. LV200 for use with miniZ Intelligent Daylight Management System only

| WARRANTY |

- Limited Two-Year Warranty

miniZ™ Product Listing

miniZ™ Intelligent Daylight Management System

miniZ combines occupancy sensing, daylight harvesting and flexible lighting control functions into a single, easily installed package. miniZ features several methods of ladderless commissioning, including the AutoCal™ feature, the world's first 100% self-configuring daylight harvesting system. Installation requires little more than any other power-pack type product. The performance features and capabilities of the miniZ product provide a package that surpasses all others in the industry at a price anyone can afford.

miniZ™ Intelligent Daylight Management System

20A output relays (120/277V); 15A output relays (347V); Fluorescent, non-dimmed and 1-10V dimmed (0,2 or 3 zones); 120mA/24V output for operation of occupancy sensors, etc.

miniZ/ Dual Room miniZ

CAT. NO.	20A POWER CIRCUITS	0-10V DIMMING CIRCUITS	CONTROL INPUT VOLTAGE	NETWORK FUNCTIONALITY
MZB00-102	2	0	120/277VAC	No
MZD20-102	2	2	120/277VAC	No
MZD30-101	1	3	120/277VAC	No
MZN20-102*	2	2	120/277VAC	Yes
MZN30-101*	1	3	120/277VAC	Yes
MZB00-C02	2	0	220/347VAC	No
MZD20-C02	2	2	220/347VAC	No
MZD30-C01	1	3	220/347VAC	No
MZN20-C02*	2	2	220/347VAC	Yes
MZN30-C01*	1	3	220/347VAC	Yes

Consult with factory for availability.

Dual Room miniZ™ Intelligent Daylight Management System

The dual room miniZ offers the same performance features as the miniZ, but instead of working in one room using one photocell to control three zones, it provides dual room/ one zone per room daylight harvesting control using a separate photocell and occupancy sensor for each room.

CAT. NO.	20A POWER CIRCUITS	0-10V DIMMING CIRCUITS	CONTROL INPUT VOLTAGE	NETWORK FUNCTIONALITY
MZB02-102	2	0	120/277VAC	No
MZD22-102	2	2	120/277VAC	No
MZN22-102*	2	2	120/277VAC	Yes
MZB02-C02	2	0	220/347VAC	No
MZD22-C02	2	2	220/347VAC	No
MZN22-C02*	2	2	220/347VAC	Yes

Consult with factory for availability.

SPECIFICATIONS AND FEATURES

- Automatic Correction setting for Light Loss Factor (LLF) recognizes and corrects for lumen maintenance issues
- Cost-effective energy code compliance
- Ladderless Commissioning™ provides install-and-forget convenience
- Automatic closed-loop, multi-zone daylight control
- Convenient occupancy sensor and photocell integration
- Simplified daylight harvesting with 3% to 100% dimming capabilities (0-10V fluorescent dimming ballasts required)
- Autocal™ (patent pending) automatic photocell calibration
- Accepts external time clock inputs

- Simplified integration with emergency and building automation systems
- Automatic Daylight Harvest Mode provides optimum lighting output for additional energy savings potential
- Daylight switching full range 0-10V dimming and network models available
- Cost effective energy code compliance
- Accepts external time clock inputs
- Closed loop or open loop daylight control
- Isolated contacts for HVAC relay
- miniZ works in one room using one photocell and occupancy sensor to control three zones
- Dual Room miniZ controls one zone per room using a separate photocell and occupancy sensor for each room

NETWORK FEATURES

- Luma-CAN® Network support
- Network digital switch support
- Z-MAX master/slave network participation
- Remote shared network inputs
- Scalable system expansion

TESTING AND CODE COMPLIANCE

- UL and cUL Listed
- CEC Title-24 Listed
- Limited Two-Year Warranty

Energy Management Products

HOW TO USE THIS CATALOG

The L-101 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-101 Catalog can be clearly copied or faxed to customers and prospects for use as a specifier 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.

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

Wallplates

INDEX

Wallplates Index

LEVITON

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

2.75 (69.9) 0.26 (6.5)

4.61 (117.1)

80301-S

Midway Size
Single-Gang Screwless Snap-On Wallplate

3.13 (79.4) 0.26 (6.5)

4.99 (126.7)

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	SJ26-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	SJ262-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	SJ263-ST
4-Gang 4-Decora	Ivory	80312-SI	SJ264-SI
	White	80312-SW	SJ264-SW
	Almond	80312-SA	SJ264-SA
	Light Almond	80312-ST	SJ264-ST
5-Gang 5-Decora	Ivory	80321-SI	SJ265-SI
	White	80321-SW	SJ265-SW
	Almond	80321-SA	SJ265-SA
	Light Almond	80321-ST	SJ265-ST
6-Gang 6-Decora	Ivory	80326-SI	SJ266-SI
	White	80326-SW	SJ266-SW
	Almond	80326-SA	SJ266-SA
	Light Almond	80326-ST	SJ266-ST

TESTING AND CODE COMPLIANCE	MATERIAL CHARACTERISTICS
• UL Listed (File #E-13397)	Environmental: Flammability UL-94, V2 Rating
• Meets NEMA Standards WD-1, WD-6	Operating Temperature: -40°C to 120°C
• CSA Certified (File #LR-16347)	
• NOM Certified (File #057)	
• Backed by a Limited Ten-Year Warranty	

Wallplates

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

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.

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

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	**A26** 83401	——
Gray	80401-GY	——	——	80401-NGY	PJ26-GY	80301-SGY	SJ26-SGY	Brass	**B26** 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	**SN26-N** 84401-40	**SO26** SO26
Light Almond	80401-T	80601-T	——	80401-NT	PJ26-T	80301-ST	SJ26-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	**A262** 83409	——
Gray	80409-GY	——	——	80409-NGY	PJ262-GY	80309-SGY	SJ262-SGY	Brass	**B262** 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	**S262-N** 84409-40	**SO262** SO262
Light Almond	80409-T	80609-T	——	80409-NT	PJ262-T	80309-ST	SJ262-ST			
Red	——	——	——	80409-NR	——	——	——			
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	**A263** 83411	——
Gray	80411-GY	——	——	80411-NGY	PJ263-GY	——	——	Brass	**B263** 81411	——
White	80411-W	80611-W	——	80411-NW	PJ263-W	80311-SW	SJ263-SW	Polished Brass	81411-PB	——
Brown	80411	80611	——	80411-N	——	——	——	430 S/S	*	*
Almond	80411-A	80611-A	——	80411-NA	PJ263-A	80311-SA	SJ263-SA	302 S/S	**S263-N** 84411-40	**SO263** SO263
Light Almond	80411-T	80611-T	——	80411-NT	PJ263-T	80311-ST	SJ263-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

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com

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	B264 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	S264-N 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	SJ264-ST			
DESCRIPTION 5-Gang 5-Decora										
COLOR	STANDARD P265	MIDWAY	OVERSIZE	STANDARD N265	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80423-I	——	——	——	——	80321-SI	SJ265-SI	Brass	B265 81423	——
Black	80423-E	——	——	——	——	——	——	430 S/S	*	——
Gray	80423-GY	——	——	——	——	——	——	302 S/S	S265 84423-40	
White	80423-W	——	——	——	——	80321-SW	SJ265-SW			
Brown	80423	——	——	——	——	——	——			
Almond	80423-A	——	——	——	——	80321-SA	SJ265-SA			
Light Almond	80423-T	——	——	80423-NT	——	80321-ST	SJ265-ST			
DESCRIPTION 6-Gang 6-Decora										
COLOR	STANDARD P266	MIDWAY	OVERSIZE	STANDARD N266	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80436-I	——	——	——	——	80326-SI	SJ266-SI	Brass	B266 *	——
Black	80436-E	——	——	——	——	——	——	430 S/S	——	——
Gray	80436-GY	——	——	——	——	——	——	302 S/S	S266-N 84436-40	——
White	80436-W	——	——	——	——	80326-SW	SJ266-SW			
Brown	80436	——	——	——	——	——	——			
Almond	80436-A	——	——	80436-NA	——	80326-SA	SJ266-SA			
Light Almond	80436-T	——	——	——	——	80326-ST	SJ266-ST			
DESCRIPTION 7-Gang 7-Decora										
COLOR	STANDARD S607	MIDWAY	OVERSIZE	STANDARD	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80407-I†	——	——	——	——	——	——	Brass	B607 *	——
White	80407-W†	——	——	——	——	——	——	430 S/S	*	——
								302 S/S	S607-N *	——
DESCRIPTION 8-Gang 8-Decora										
COLOR	STANDARD S609	MIDWAY	OVERSIZE	STANDARD	MIDWAY	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	80408-I†	——	——	——	——	——	——	Brass	B609 *	——
White	80408-W†	——	——	——	——	——	——	430 S/S	*	——
								302 S/S	S609-N *	——

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

Residential and Commercial Grade Wallplates

Standard Size Single-Gang

2.38 (60.3)
4.50 (114.3)
2.75 (69.8)
0.25 (6.4) Nylon and Plastic
0.19 (4.8) Metal

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.

2.38 (60.3)
4.88 (123.8)
3.13 (79.4)
0.25 (6.4) Nylon and Plastic

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.

2.38 (60.3)
5.25 (133.4)
3.50 (88.9)
0.25 (6.4) Nylon and Plastic
0.19 (4.8) Metal

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	MATERIAL CHARACTERISTICS
• UL Listed • Meets NEMA Standards WD-1, WD-6 • CSA Certified	Environmental: Flammability UL-94, V2 Rating Operating Temperature: -40°C to 120°C

Wallplates

E

6

Residential and Commercial Grade Wallplates

Toggle

DESCRIPTION 1-Gang 1-Toggle

COLOR	Thermoset (Plastic) STANDARD P1	MIDWAY SPJ1	OVERSIZE PO1	Thermoplastic (Nylon) STANDARD N1	MIDWAY PJ1	Assorted Metals MATERIAL	STANDARD	OVERSIZE
Ivory	86001	80501-I	86101	80701-I	PJ1-I	Chrome	**C1** 1901	——
Black	——	——	——	80701-E	PJ1-E	Aluminum	**A1** 83001	——
Gray	87001	——	——	80701-GY	PJ1-GY	Brass	**B1** 81001	——
Red	——	——	——	80701-R	——	Polished Brass	81001-PB	——
White	88001	80501-W	88101	80701-W	PJ1-W	430 S/S	**S1** 84001	**S01** 84101
Brown	85001	80501	85101	80701	PJ1	302 S/S	**S1-N** 84001-40	**S01-N** 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	Thermoset (Plastic) STANDARD P2	MIDWAY SPJ2	OVERSIZE PO2	Thermoplastic (Nylon) STANDARD N2	MIDWAY PJ2	Assorted Metals MATERIAL	STANDARD	OVERSIZE
Ivory	86009	80509-I	86109	80709-I	PJ2-I	Chrome	1909	——
Black	——	——-	——-	80709-E	PJ2-E	Aluminum	**A2** 83009	——
Gray	87009	——	——-	80709-GY	PJ2-GY	Brass	**B2** 81009	
Red	——	——	——	80709-R	——	Polished Brass	81009-PB	——
White	88009	80509-W	88109	80709-W	PJ2-W	430 S/S	**S2** 84009	——
Brown	85009	80509	85109	80709	——	302 S/S	**S2-N** 84009-40	**S02-N** 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	Thermoset (Plastic) STANDARD P3	MIDWAY SPJ3	OVERSIZE PO3	Thermoplastic (Nylon) STANDARD N3	MIDWAY PJ3	Assorted Metals MATERIAL	STANDARD	OVERSIZE
Ivory	86011	80511-I	86111	80711-I	PJ3-I	Chrome	*	——
Black	——	——	——	80711-E	PJ3-E	Aluminum	**A3** 83011	——
Gray	87011	——	——	80711-GY	——	Brass	**B3** 81011	——
Red	——	——	——	80711-R	——	Polished Brass	81011-PB	
White	88011	80511-W	88111	80711-W	PJ3-W	430 S/S	**S3** 84011	——
Brown	85011	80511	——	80711	PJ3	302 S/S	**S3-N** 84011-40	**S03-N** 84111-40
Almond	82011	80511-A	——	80711-A	PJ3-A			
Light Almond	78011	80511-T	——	80711-T	PJ3-T			

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

Wallplates

WALLPLATES

Residential and Commercial Grade Wallplates

Toggle

	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals		
DESCRIPTION 4-Gang 4-Toggles								
COLOR	STANDARD P4	MIDWAY SPJ4	OVERSIZE	STANDARD N4	MIDWAY PJ4	MATERIAL	STANDARD	OVERSIZE
Ivory	86012	80512-I	——	80712-I	PJ4-I	Chrome	*	——
Black	——	——	——	80712-E	——	Aluminum	**A4** 83012	——
Gray	87012	——	——	——	——	Brass	**B4** 81012	——
						Polished Brass	81012-PB	——
White	88012	80512-W	——	80712-W	PJ4-W	430 S/S	**S4** 84012	*
Brown	85012	80512	——	——	——	302 S/S	**S4-N** 84012-40	**S04-N** 84112-40
Almond	82012	80512-A	——	80712-A	PJ4-A			
Light Almond	78012	80512-T	——	80712-T	PJ4-T			
DESCRIPTION 5-Gang 5-Toggles								
COLOR	STANDARD P5	MIDWAY	OVERSIZE	STANDARD N5	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86023	——	——	80723-I	——	Chrome	*	——
White	88023	——	——	80723-W	——	Aluminum	**A5** *	——
Brown	85023	——	——	——	——	Brass	**B5** 81023	——
Almond	82023	——	——	——	——	Polished Brass	81023-PB	——
Light Almond	78023	——	——	——	——	430 S/S	**S5** *	——
						302 S/S	**S5-N** 84023-40	——
DESCRIPTION 6-Gang 6-Toggles								
COLOR	STANDARD P6	MIDWAY	OVERSIZE	STANDARD N6	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86036	——	——	80736-I	——	Chrome	*	——
White	88036	——	——	80736-W	——	Aluminum	**A6** *	——
Brown	85036	——	——	——	——	Brass	**B6** 81036	——
Almond	82036	——	——	——	——	430 S/S	**S6** *	——
Light Almond	78036	——	——	——	——	302 S/S	**S6-N** 84036-40	——

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Wallplates

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Residential and Commercial Grade Wallplates

Toggle

	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals		
DESCRIPTION 7-Gang 7-Toggles								
COLOR	**STANDARD S601**	**MIDWAY**	**OVERSIZE**	**STANDARD**	**MIDWAY**	**MATERIAL**	**STANDARD**	**OVERSIZE**
Ivory	S601-I†	——	——	——	——	Chrome	*	——
White	S601-W†	——	——	——	——	Brass	**B601** *	——
						430 S/S	*	——
						302 S/S	**S601-N** 84070-40	——

†Painted metal wallplate.

	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals		
DESCRIPTION 8-Gang 8-Toggles								
COLOR	**STANDARD S602**	**MIDWAY**	**OVERSIZE**	**STANDARD N6**	**MIDWAY**	**MATERIAL**	**STANDARD**	**OVERSIZE**
Ivory	S602-I†	——	——	——	——	Chrome	*	——
White	S602-W†	——	——	——	——	Brass	**B602** *	——
						430 S/S	*	——
						302 S/S	**S602-N** 84048-40	——

†Painted metal wallplate.

	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals		
DESCRIPTION 9-Gang 9-Toggles								
COLOR	**STANDARD S603**	**MIDWAY**	**OVERSIZE**	**STANDARD**	**MIDWAY**	**MATERIAL**	**STANDARD**	**OVERSIZE**
Ivory	S603-I†	——	——	——	——	Chrome	*	——
White	S603-W†	——	——	——	——	Brass	**B603** *	——
						430 S/S	*	——
						302 S/S	**S603-N** 84049-40	——

†Painted metal wallplate.

	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals		
DESCRIPTION 10-Gang 10-Toggles								
COLOR	**STANDARD S604**	**MIDWAY**	**OVERSIZE**	**STANDARD**	**MIDWAY**	**MATERIAL**	**STANDARD**	**OVERSIZE**
Ivory	S604-I†	——	——	——	——	Chrome	*	——
White	S604-W†	——	——	——	——	Brass	**B604** *	——
						302 S/S	**S604-N** 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
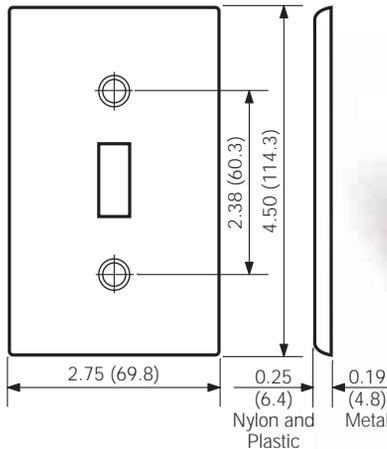
Residential and Commercial Grade Wallplates

Receptacle

	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals		

DESCRIPTION 1-Gang 1-Duplex

COLOR	STANDARD P8	MIDWAY SPJ8	OVERSIZE	STANDARD N8	MIDWAY PJ8	MATERIAL	STANDARD	OVERSIZE
Ivory	86003	80503-I	86103	80703-I	PJ8-I	Chrome	**C8** 1903	——
Black	——	——	——	80703-E	PJ8-E	Aluminum	**A8** 83003	——
Gray	87003	——	——	80703-GY	PJ8-GY	Brass	**B8** 81003	——
Red	——	——	——	80703-R	PJ8-R	Polished Brass	81003-PB	——
White	88003	80503-W	88103	80703-W	PJ8-W	430 S/S	**S8** 84003	**S08** 84103
Brown	85003	80503	85103	80703	PJ8	302 S/S	**S8-N** 84003-40	**S08-N** 84103-40
Blue	——	——	——	80703-BU	PJ8-BU			
Almond	82003	80503-A	——	80703-A	PJ8-A			
Light Almond	78003	80503-T	——	80703-T	PJ8-T			

DESCRIPTION 2-Gang 2-Duplex

COLOR	STANDARD P82	MIDWAY SPJ82	OVERSIZE	STANDARD N82	MIDWAY PJ82	MATERIAL	STANDARD	OVERSIZE
Ivory	86016	80516-I	86116	80716-I	PJ82-I	Chrome	**C82** *	——
Black	——	——	——	80716-E	PJ82-E	Aluminum	**A82** 83016	——
Gray	87016	——	——	80716-GY	PJ82-GY	Brass	**B82** 81016	——
Red	——	——	——	80716-R	PJ82-R	Polished Brass	*	——
White	88016	80516-W	88116	80716-W	PJ82-W	430 S/S	**S82** 84016	**S082** 84116
Brown	85016	80516	85116	80716	PJ82	302 S/S	**S82-N** 84016-40	**S082-N** 84116-40
Orange	——	——	——	80716-ORG	——			
Blue	——	——	——	80716-BU	——			
Almond	82016	80516-A	——	80716-A	PJ82-A			
Light Almond	78016	80516-T	——	80716-T	PJ82-T			

DESCRIPTION 3-Gang 3-Duplex

COLOR	STANDARD P83	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86030	——	——	80730-I	——	Chrome	*	——
						Aluminum	*	——
Gray	——	——	——	80730-GY	——	Brass	*	——
Red	——	——	——	80730-R	——	430 S/S	**S83** *	
White	88030	——	——	80730-W	——	302 S/S	**S83-N** 84030-40	**S083-N** 84130-40
Brown	85030	——	——	——	——			
Light Almond	——	——	——	78030	——			

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Wallplates

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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	S84 84041	*
						302 S/S	S84-N *	*

DESCRIPTION 5-Gang 5-Duplex

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Chrome	*	——
						Brass	B85 *	——
						302 S/S	S85-N 84055-40	——

DESCRIPTION 6-Gang 6-Duplex

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Chrome	*	——
						Brass	B86 *	——
						302 S/S	S86-N 84056-40	——

DESCRIPTION 7-Gang 7-Duplex

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Chrome	*	——
						Brass	B608 *	——
						430 S/S	S608 *	——
						302 S/S	*	——

DESCRIPTION 8-Gang 8-Duplex

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Chrome	*	——
						Brass	B6082 *	——
						430 S/S	S6082 *	——
						302 S/S	*	——

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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	——	Aluminum	**A7** 83004	——
Gray	——	——	——	80704-GY	——	Brass	**B7** 81004	——
Red	——	——	——	80704-R	PJ7-R	430 S/S	**S7** *	*
White	88004	80504-W	——	80704-W	PJ7-W	302 S/S	**S7-N** 84004-40	**S07-N** 84104-40
Brown	85004	80504	——	80704	——			
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	**S72** *	——
						302 S/S	**S72-N** 84052-40	——

DESCRIPTION
3-Gang
3-Singles 1.406" dia. Holes
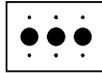
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	**S73** *	——
						302 S/S	**S73-N** S73-N	——

DESCRIPTION
4-Gang
4-Singles 1.406" dia. Holes
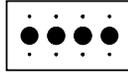
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	**S74** *	——
						302 S/S	**S74-N**	——

DESCRIPTION
5-Gang
5-Singles 1.406" dia. Holes

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	**S75** *	——
						302 S/S	**S75-N**	——

DESCRIPTION
6-Gang
6-Singles 1.406" dia. Holes
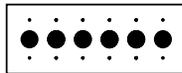
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	**S76** *	——
						302 S/S	**S76-N**	——

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Wallplates

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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	**A738** 83013	——
White	——	80513-W	——	——	——	Brass	**B738** 81013	——
Almond	——	80513-A	——	——	——	Polished Brass	81013-PB	——
Light Almond	——	80513-T	——	——	——	430 S/S	**S738** 84013	——
						302 S/S	**S7-N** 84013-40	——

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	**S11-N** 84061-40	*
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	**A737** *	——
White	88017	——	——	——	——	Brass	**B737** 81017	——
						430 S/S	**S737** *	——
						302 S/S	**S737-N** 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	*	——
						302 S/S	**S21-N** 84062-40	——

DESCRIPTION
3-Gang
Phone/Cable .406" dia. Hole, Box Mount
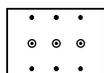
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	*	——
						302 S/S	**S31-N**	——

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Wallplates

LEVITON

Residential and Commercial Grade Wallplates

Telephone or Cable Outlet Wallplates—Box Mounted

| | Thermoset (Plastic) | | | Thermoplastic (Nylon) | | Assorted Metals | | |

DESCRIPTION
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	S41-N *	——

DESCRIPTION
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	S51-N *	——

DESCRIPTION
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	S61-N *	——

Telephone or Cable Outlet Wallplates—Strap Mounted

| | Thermoset (Plastic) | | | Thermoplastic (Nylon) | | Assorted Metals | | |

DESCRIPTION
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	*	——
White	88018	——	——	——	——	Brass	*	——
Brown	85018	——	——	——	——	430 S/S	S12 *	——
						302 S/S	S12-N 84018-40	——

DESCRIPTION
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	*	——
Black	——	——		80718-E	——	430 S/S	*	——
Gray	——	——		80718-GY	——	302 S/S	*	
White	——	——	88113	80718-W	——			
Brown	——	——		80718	——			

DESCRIPTION
1-Gang
Phone/Cable .625" dia. Hole, Strap Mount

COLOR	STANDARD P730	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
White	88037	——	——	——	——	Brass	*	——
						430 S/S	*	S0730 *
						302 S/S	S730-N 84037-40	S0730-N 84137-40

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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-I†	——	——	——	——	Brass	——	——
						430 S/S	*	——
						302 S/S	S22-N *	

†Painted metal wallplate.

DESCRIPTION
3-Gang
Phone/Cable .406" dia. Hole, Strap Mount
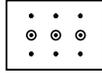
COLOR	STANDARD P32	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	——	——
						430 S/S	*	——
						302 S/S	S32-N *	

†Painted metal wallplate.

DESCRIPTION
4-Gang
Phone/Cable .406" dia. Hole, Strap Mount
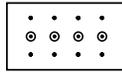
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	*	——
						302 S/S	S42-N *	——

†Painted metal wallplate.

DESCRIPTION
5-Gang
Phone/Cable .406" dia. Hole, Strap Mount
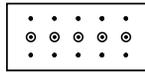
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	*	——
						302 S/S	S52-N *	——

†Painted metal wallplate.

DESCRIPTION
6-Gang
Phone/Cable .406" dia. Hole, Strap Mount
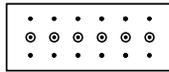
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	*	——
						302 S/S	S62-N *	——

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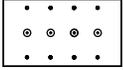*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

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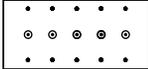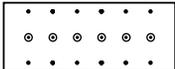
Wallplates

Residential and Commercial Grade Wallplates

Blank Wallplates—Box Mounted

| | Thermoset (Plastic) | | | Thermoplastic (Nylon) | | Assorted Metals | | |

DESCRIPTION
1-Gang
1-Blank, Box Mounted

COLOR	STANDARD P13	MIDWAY SPJ13	OVERSIZE PO13	STANDARD N13	MIDWAY PJ13	MATERIAL	STANDARD	OVERSIZE
Ivory	86014	80514-I	86114	80714-I	PJ13-I	Chrome	*	——
Black	——	——	——	80714-E	PJ13-E	Aluminum	**A13** 83014	——
Gray	87014	——	——	80714-GY	PJ13-GY	Brass	**B13** 81014	——
Red	——	——	——	80714-R	PJ13-R	430 S/S	**S13** 84014	**S013** 84114
White	88014	80514-W	88114	80714-W	PJ13-W	302 S/S	**S13-N** 84014-40	**S013-N** 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			

DESCRIPTION
2-Gang
2-Blanks, Box Mounted

COLOR	STANDARD P23	MIDWAY SPJ23	OVERSIZE	STANDARD N24	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86025	80525-I	——	80725-I	PJ23-I	Aluminum	83025	——
Black	——	——	——	80725-E	——	Brass	**B23** 81025	——
Gray	87025	——	——	80725-GY	PJ23-GY	Polished Brass	81025-PB	——
White	88025	80525-W	——	80725-W	PJ23-W	430 S/S	**S23** 84025	
Brown	85025	80525	——	80725	——	302 S/S	**S23-N** 84025-40	**S023-N** 84125-40
Almond	82025	80525-A	——	80725-A	PJ23-A			
Light Almond	78025	80525-T	——	80725-T	PJ23-T			

DESCRIPTION
3-Gang
3-Blanks, Box Mounted

COLOR	STANDARD P33	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86033	80533-I	——	80735-I	——	Aluminum	*	——
Black	——	——	——	80735-E	——	Brass	*	——
Gray	——	——	——	80735-GY	——	430 S/S	*	——
White	88033	80533-W	——	80735-W	——	302 S/S	**S33-N** 84033-40	**S033-N** 84133-40
Brown	85033	——	——	——	——			
Almond	——	——	——	80735-A	——			

DESCRIPTION
4-Gang
4-Blanks, Box Mounted

COLOR	STANDARD P43	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86064	——	——	——	——	Aluminum	*	——
White	88064	——	——	——	——	Brass	*	——
Brown	85064	——	——	——	——	430 S/S	**S43** 84064	*
						302 S/S	**S43-N** 84064-40	*

DESCRIPTION
5-Gang
5-Blanks, Box Mounted

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						302 S/S	**S53-N** 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

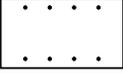| COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						302 S/S	**S63-N** 84066-40	——

DESCRIPTION
7-Gang
7-Blanks, Box Mounted

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						302 S/S	**S6013-N** 84067-40	——

DESCRIPTION
8-Gang
8-Blanks, Box Mounted

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						302 S/S	**S6023-N** 84068-40	——

Blank Wallplates—Strap Mounted

| | Thermoset (Plastic) | | | Thermoplastic (Nylon) | | Assorted Metals | | |

DESCRIPTION
1-Gang
1-Blank, Strap Mounted

COLOR	STANDARD P12	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86019	——	——	80719-I	——	Aluminum	*	——
Black	——	——	——	80719-E	——	Brass	*	——
Gray	——	——	——	80719-GY	——	430 S/S	S14 84019	*
Red	——	——	——	80719-R	——	302 S/S	**S14-N** 84019-40	**S014-N** 84119-40
White	88019	——	——	80719-W	——			
Brown	85019	——	——	80719	——			

DESCRIPTION
2-Gang
2-Blank, Strap Mounted

COLOR	STANDARD P24	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86034	——	——	80734-I	——	430 S/S	*	——
Black	——	——	——	80734-E	——	302 S/S	**S24-N** 84034-40	**S024-N** 84134-40
Red	——	——	——	80734-R	——			
White	88034	——	——	80734-W	——			

DESCRIPTION
3-Gang
3-Blank, Strap Mounted

COLOR	STANDARD P34	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86035	——	——	——	——	Brass	*	——
White	88035	——	——	——	——	430 S/S	*	*
						302 S/S	**S34-N** 84035-40	——

Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.
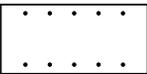
NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.

Wallplates

Residential and Commercial Grade Wallplates

Blank Wallplates—Strap Mounted

	Thermoset			Thermoplastic		Assorted Metals		

DESCRIPTION
4-Gang
4-Blank, Strap Mounted
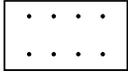
COLOR	STANDARD **P44**	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86057	——	——	——	——	Brass	*	——
White	88057	——	——	——	——	430 S/S	*	*
						302 S/S	**S44-N** 84057-40	——

DESCRIPTION
5-Gang
5-Blank, Strap Mounted

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	*	
						302 S/S	**S54-N** S54-N	——

DESCRIPTION
6-Gang
6-Blank, Strap Mounted

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	*	——
						302 S/S	**S64-N** *	——

DESCRIPTION
7-Gang
7-Blank, Strap Mounted

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	*	——
						302 S/S	**S6014-N** *	——

DESCRIPTION
8-Gang
8-Blank, Strap Mounted

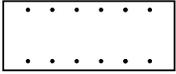| COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	*	——
						302 S/S	**S6024-N** *	——

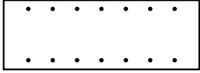*Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.*

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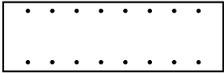
Residential and Commercial Grade Wallplates

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	S720-N 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	A724 83028	——
Black	——	80528-BLK	——	——	80728-E	Steel, Brass Finish	B724 4928	——
Gray	——	——	——	——	80728-GY	Steel, Aluminum Finish	S724-GY 4927	——
White	——	80528-W	——	——	80728-W	430 S/S	S724 84028	——
Brown	——	——	——	——	80728			

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	B703 *	——
Black	——	80526-BLK	——	——	——	Alum	A703 83026	——
White	——	80526-W	——	——	80726-W	Steel,Alum Fin.	S703-GY 4934	——
Brown	——	——	——	——	80726	430 S/S	S703 84026	——

Consult your Leviton representative for ordering details: allow 3–4 weeks for delivery.

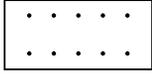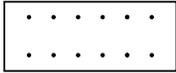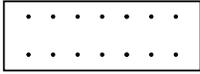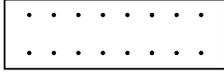NOTE: Where applicable, Industry Number indicated in BOLD FACE. For some wallplates, Industry Number and Leviton Catalog Number are identical.

Wallplates

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	**S705** 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	**S701-GY** S701-GY	——
Black	——	80530-BLK	——	——	——	430 S/S	**S701** *	——
White	——	80530-W	——	——	——	302 S/S	S701-40	——
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.

Two Gang with Centered Opening

| | Thermoset (Plastic) | | | Thermoplastic (Nylon) | | Assorted Metals | | |

DESCRIPTION 2-Gang 1-Toggle

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	81040	——
						430 S/S	——	——
						302 S/S	**S740-N** 84040-40	——

DESCRIPTION 2-Gang 1-Phone/Cable .406" Hole, Box Mount

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

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	*	——
						302 S/S	*	——

DESCRIPTION 2-Gang Blank Box Mount

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	*	——
						302 S/S	*	——

DESCRIPTION 2-Gang Blank Strap Mount

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	——	——
						430 S/S	——	——
						302 S/S	*	——

DESCRIPTION 2-Gang 1-Decora

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	——	——
						430 S/S	*	——
						302 S/S	**S746-N** S746-N	——

DESCRIPTION 2-Gang 1 Single Outlet 1.406" dia. Hole

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	——	——
						430 S/S	*	——
						302 S/S	**S747-N** 84092-40	——

DESCRIPTION 2-Gang 1-Duplex

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						302 S/S	**S748-N** 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 P760	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86079†	——	——	——	——	Brass	**B760** 81079	——
White	88079†	——	——	——	——	430 S/S	*	——
						302 S/S	**S760-N** 84079-40	——

DESCRIPTION
1-Gang
1-Louvre Plate
Strap Mount

COLOR	STANDARD P771	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	86080†	——	——	——	——	Brass	**B771** 81080	——
White	88080†	——	——	——	——	430 S/S	*	——
Almond	82080†	——	——	——	——	302 S/S	**S771-N** 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	**S772-N** 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.

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	*	——
						430 S/S	S17 84007	——
						302 S/S	S17-N 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	S27-N 84088-40	——

DESCRIPTION
4-Gang
3-Toggles 1-Single 1.406" dia. Hole
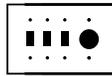
COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Aluminum	*	——
						Brass	*	——
						430 S/S	*	——
						302 S/S	S37-N 84042-40	——

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	A18 83005	——
Black	——	——	——	80705-E	PJ18-E	Brass	B18 81005	——
Gray	87005	——	——	80705-GY	——	430 S/S	S18 84005	*
Red	——	——	——	80705-R	——	302 S/S	S18-N 84005-40	S018-N 84105-40
White	88005	80505-W	88105	80705-W	PJ18-W			
Brown	85005	80505	——	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	**B28** 81021	——
						430 S/S	*	*
White	88021	80521-W	——	80721-W	——	302 S/S	**S28-N** 84021-40	**SO28-N** 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	**S48-N** S48-N	——

†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

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 P0126	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 SPJ226	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		

DESCRIPTION
2-Gang
1-Toggle 1-Blank, Strap Mount

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Ivory	——	——	——	80706-I	——	Aluminum	*	——
						Brass	*	——
Gray	——	——	——	80706-GY	——	430 S/S	*	——
Red	——	——	——	80706-R	——	302 S/S	**S114-N** 84077-40	——
White	——	——	——	80706-W	——			
Almond	——	——	——	80706-A	——			
Light Almond	——	——	——	80706-T	——			

DESCRIPTION
3-Gang
2-Toggles 1-Blank, Strap Mount

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
						Brass	*	——
						430 S/S	*	——
						302 S/S	**S214-N** S214-N	

DESCRIPTION
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	*	——
White	88006	80506-W	88106	——	——	430 S/S	*	——
Brown	85006	80506	——	——	——	302 S/S	**S113-N** 84006-40	——

Combination Wallplates
Standard Combinations—Two Gang

	Thermoset (Plastic)			Thermoplastic (Nylon)		Assorted Metals		

DESCRIPTION
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	**S78-N** 84046-40	**SO78-N** 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.

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		Aluminum	*	——
Black	——	——	——	80746-E	——	Brass	*	——
Gray	——	——	——	80746-GY		430 S/S	*	——
Red	——	——	——	80746-R	——	302 S/S	**S826-N** 84455-40	——
White	80455-W	——	——	80746-W	——			
Brown	80455	——	——	80746	——			
Almond	80455-A	——	——	80746-A	——			
Light Almond	80455-T	——	——	80746-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	**S112-N** 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	**S128-N** 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	——	——	——	430 S/S	*	——
Brown	85008	——	——	——	——	302 S/S	**S138-N** 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)			Thermoplastic (Nylon)		Assorted Metals		

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	S148-N 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	S147-N 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	S1426-N S1426-N	*
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	S182-N 84047-40	S0182-N 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	B282 81045	——
						430 S/S	*	——
						302 S/S	S282-N 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.

Wallplates

Residential and Commercial Grade Wallplates

Sectional Wallplates for Multi-Gang Installations†
Thermoplastic Construction

Center **End**
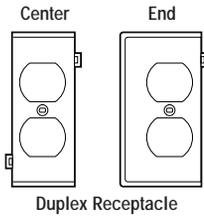
Duplex Receptacle

DESCRIPTION	COLOR	CENTER PANELS CAT. NO.	END PANELS CAT. NO.
Duplex Receptacle	White	PSC 8-W	PSE 8-W
	Ivory	PSC 8-I	PSE 8-I
Toggle Switch	White	PSC 1-W	PSE 1-W
	Ivory	PSC 1-I	PSE 1-I
Single Receptacle, 1.406" dia. hole	White	PSC 7-W	PSE 7-W
	Ivory	PSC 7-I	PSE 7-I
Blank, Strap-Mount	White	PSC 14	PSE 14-W
	Ivory	PSC14-I	PSE 14-I
Decora	White	PSC 26-W	PSE 26-W
	Ivory	PSC 26-I	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) | | | Thermoplastic (Nylon) | | Assorted Metals (Engraved) | | |

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	——

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	——

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	——
White	——	——	——	80703-IGW	——			

2-Gang 2-Duplex Stamped And Engraved "ISOLATED GROUND"

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Orange	——	——	——	80716-IG	——	302 S/S	*	——

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

Engraved 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 No Stamp

COLOR	STANDARD	MIDWAY	OVERSIZE	STANDARD	MIDWAY	MATERIAL	STANDARD	OVERSIZE
Orange	——	——	——	80703-ORG	——	——	——	——

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	*	——
Orange	——	——	——	80703-COO	——			

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-Gang1-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 White Almond Light Almond	—— —— —— ——	**80781-I** **80781-W** **80781-A** **80781-T**
1-Gang **Duplex** **Type "F" Connector**		Ivory White Almond Light Almond	—— —— —— ——	**80782-I** **80782-W** **80782-A** **80782-T**
1-Gang* **Db9 Data Connector** **Db15 Data Connector**		—— ——	302 S/S 302 S/S	**84441-40** **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.**

Voice/Data/CATV Wallplates

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.
Telescoping While-In-Use Smoked Cover	Vertical	**T5979-W**
With Colored Base And Matching Duplex,	Vertical	**T5979-T**
Decora And Single Receptacle Wallplates	Vertical	**T5979-GY**
	Vertical	**T5979**
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**

3.30 (83.8) 3.75 (95.6) 6.59 (167.4 mm) Ø 0.25 (16.0) cord opening

2.88 (73.2) 5.46 (138.7) Ø 0.63 (16.0) cord opening Ø 0.25 (6.4) padlock opening 5.05 (128.3)
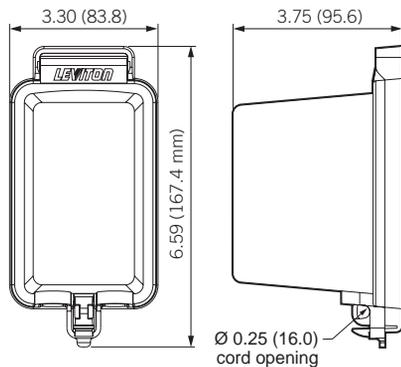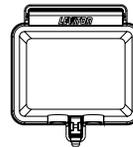
VERTICAL MOUNT, EXTRA DEEP 5976-D
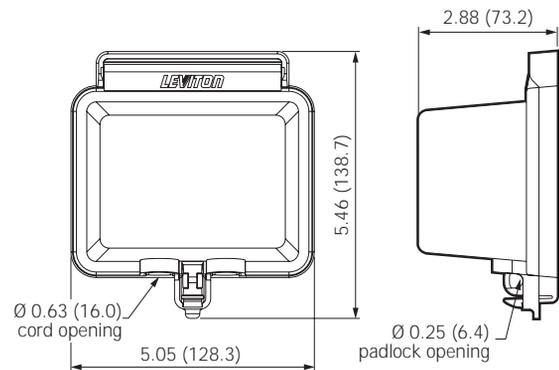
HORIZONTAL MOUNT, STANDARD 5997

SPECIFICATIONS & FEATURES	TESTING AND CODE COMPLIANCE	*COLOR
• Mounting Screws and rubber gasket included for fast, easy installation onto surface-mounted out-door-type boxes or flush-mounted wall boxes • Easy-grip self-closing covers with durable, noncorrosive stainless steel screws • acked by a Limited Two-Year Warranty	• 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	Basic Cat. No. denotes Brown. For other color selections, add suffix to catalog numbers as follows: White (-W), Light Almond (-T), Gray (-GY).
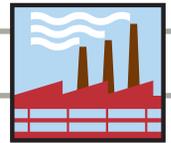
Features and Benefits

- 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
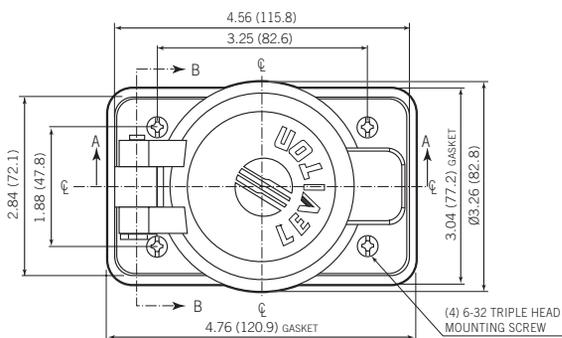
WATER RESISTANT COVER WP1 and 7420-CR
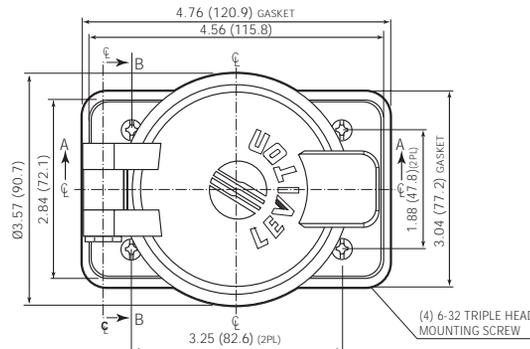
WATER RESISTANT COVER WP2
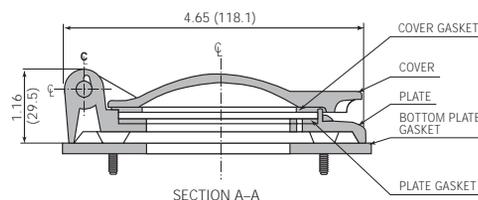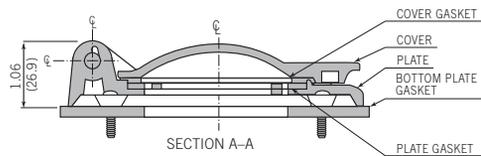
TESTING AND CODE COMPLIANCE

- 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
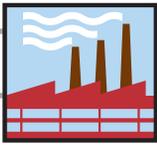
Weather-Resistant Covers

Weather-Resistant Covers

Die-Cast Zinc Weather-Resistant Covers

DESCRIPTION		MOUNTING	CAT. NO.
Duplex Receptacle 1-GANG		Vertical	**4926**
Single Receptacle 1-GANG Self-Closing Lid 1.406 Dia. Hole		Horizontal	**4925-2**
Duplex Receptacle or Combination Device 1-GANG Two Independent Self-Closing Lids★		Horizontal	**4970**
Decora/GFCI 1-GANG Self-Closing Lid		Horizontal	**4990**
Decora/GFCI 1-GANG Self-Closing Lid★		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**
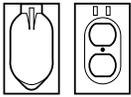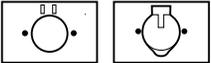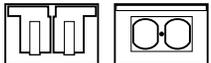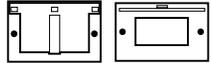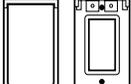
DESCRIPTION		COLOR	CAT. NO.
Lockout Wallplate (lock sold separately)		S/S	**84001-LOK**

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

Thermoplastic Weather-Resistant Covers
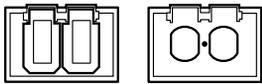
DESCRIPTION		MOUNTING	CAT. NO.
Duplex Receptacle or Combination Device 1-GANG Two Independent Self-Closing Lids		Horizontal	**4976-GY** **4976-W**
Duplex Receptacle or Combination Device 1-GANG for mounting on FS type box Two Independent Lids		Horizontal	**4976-FS**
Duplex Receptacle or Combination Device 1-GANG Self-Closing Lid		Vertical	**4978-GY** **4978-W**
Single Receptacle 1-GANG Self-Closing Lid 1.406" Dia. Hole		Vertical	**4979-GY**
Single 20A or 30A Locking Receptacle 1-GANG Self-Closing Lid 1.60" Dia. Hole		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 Independant Self-Closing Lids		Horizontal	**4986-GY**
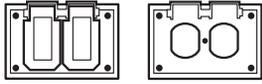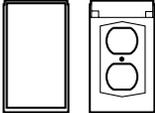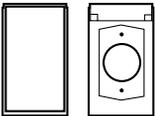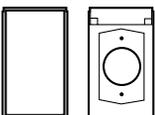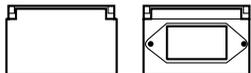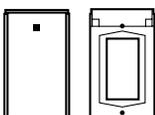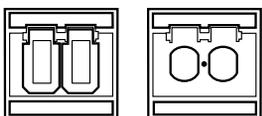
Blank Box Mounted Wallplates with Gasket

DESCRIPTION		MOUNTING	CAT. NO.
1-GANG Aluminum, Box Mount		N/A	**83014-EXT**
2-GANG Aluminum, Box Mount		N/A	**83025-EXT**
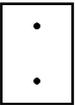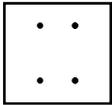
Type 302 Stainless Steel Wallplate—Box Mount

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.

Weather-Resistant Covers

Wallplate Screws

DESCRIPTION	COLOR	CAT. NO.
Oval Head Milled Slot $5/16$" long – 6-32 thread 100 per box	Ivory	86400-PRT
	Gray	87400-PRT
	White	88400-PRT
	Brown	85400-PRT
	Almond	82400-PRT
	S/S	84400-PRT
Oval Head Milled Slot $1/2$" long—6-32 thread 100 per box	Ivory	86000-PRT
	Black	83000-PRT
	Gray	87000-PRT
	White	88000-PRT
	Brown	85000-PRT
	S/S	84000-PRT
Oval Head Milled Slot $7/8$" long—6-32 thread 50 per box	Ivory	86500-PRT
	Red	89500-PRT
	White	88500-PRT
	Brown	85500-PRT
	S/S	84500-PRT
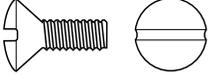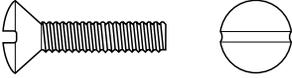
Pilot Light Jewels

DESCRIPTION	COLOR	CAT. NO.
Round Fits single receptacle hole 1.375–1.406" dia.	Green	405 GR
	Red	405 R
Rectangular Fits toggle switch hole .406 x .942"	Green	406 GR
	Red	406 R
Lampholder Assembly for use with jewels or louvre plates—use with standard 2.5" box and 4 watt bulb (bulb included)		2152
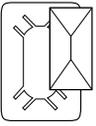
Mounting Screws

DESCRIPTION	COLOR	CAT. NO.
Phillips/Standard $7/8$" long—6-32 thread 50 per bag	S/S	84440
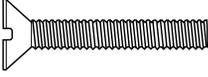
Decora *Plus* Standard Size Plastic Adapters

DESCRIPTION	COLOR	CAT. NO.
CATV Jack	Ivory	80381-I
	Black	80381-E
	Gray	80381-GY
	White	80381-W
	Almond	80381-A
	Light Almond	80381-T
Blank No Hole	Ivory	80314-I
	Black	80314-E
	Gray	80314-GY
	White	80314-W
	Almond	80314-A
	Light Almond	80314-T
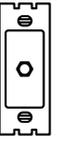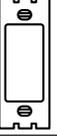
All devices are UL Listed and CSA Certified.

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
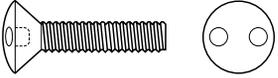
Plastic Wallplate Adapters

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.

| DESCRIPTION	COLOR	CAT. NO.
Dimmer Shaft .406" dia. Hole	Ivory	80400-I
	Black	80400-E
	Gray	80400-GY
	Brown	80400
	White	80400-W
	Almond	80400-A
	Light Almond	80400-T
Blank Decora No Hole	Ivory	80414-I
	Black	80414-E
	Gray	80414-GY
	Brown	80414
	White	80414-W
	Almond	80414-A
	Light Almond	80414-T
Blank Toggle No Hole	Ivory	80700-I
	Gray	80700-GY
	Brown	80700
	White	80700-W
	Almond	80700-A
	Light Almond	80700-T
Wallbox Adapter Extends shallow wallbox to fit GFCI/Decora devices	Ivory	6197-I
	Brown	6197
	White	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
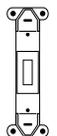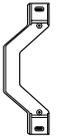
Special Wallplates

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.*
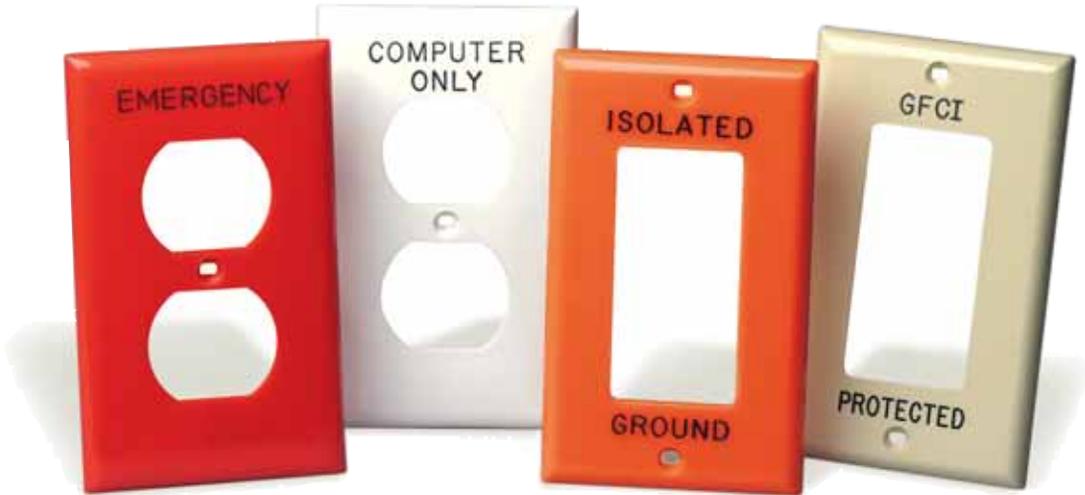
General Information

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:
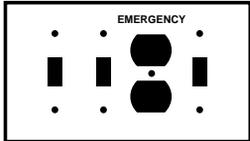
Sample Grid

CAT. NO._____90004_____ MATERIAL CODE_____S3_____ 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_____

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[†]	AL
Brass (Satin)	BR
Polished Brass	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

[†]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 **01**	Duplex Receptacle **03**	Louvre Horizontal Mount **05**	Louvre Vertical Mount* **07**	Blank Box Mount **09**	Blank Strap Mount **11**
Decora/ GFCI **13**	Single 1.406" dia. Receptacle **15**	1.60" dia. Hole **17**	2.15" dia. Hole** **19**	2.647" dia. Hole** **21**	.312" dia. Hole Strap Mount **23**
.312" dia. Hole Box Mount **25**	.406" dia. Hole Strap Mount **27**	.406" dia. Hole Box Mount **29**	.625" dia. Hole Strap Mount **31**	.625" dia. Hole Box Mount **33**	Interchangeable 1-Device Vertical **35**
Interchangeable 1-Device Horizontal **37**	Interchangeable 2-Device **39**	Interchangeable 3-Device **41**	2.460" dia. Hole 2-Gang Only** **47**	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. **49**	

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

Wallplates

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.

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)
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

COLOR CODE_____ ENGRAVED_____ HOT STAMPED_____ LETTER SIZE_____

FILLER CODE_____ PRICE_____

ENGRAVING INFORMATION (Please print per corresponding gang number.)

(1) ☐☐☐☐☐☐☐☐☐☐☐   (7) ☐☐☐☐☐☐☐☐☐☐☐
(2) ☐☐☐☐☐☐☐☐☐☐☐   (8) ☐☐☐☐☐☐☐☐☐☐☐
(3) ☐☐☐☐☐☐☐☐☐☐☐   (9) ☐☐☐☐☐☐☐☐☐☐☐
(4) ☐☐☐☐☐☐☐☐☐☐☐   (10) ☐☐☐☐☐☐☐☐☐☐☐
(5) ☐☐☐☐☐☐☐☐☐☐☐   (11) ☐☐☐☐☐☐☐☐☐☐☐
(6) ☐☐☐☐☐☐☐☐☐☐☐   (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

LEVITON®

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 are for control of 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 Switch 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– *LEVSPEC* Industrial Grade Switches

- Top-of-the-line industrial-grade quality for peak performance and rugged, long-lasting service
- All screws are triple-drive and accept Standard, Phillips and Robertson 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

Break-off plaster ears for use as shims

Fully enclosed switch mechanism in rugged thermoplastic housing for strength, tracking and arc resistance

Thermoplastic toggle has high-impact strength and withstands elevated operating temperatures

Color-coded covers: 15 Amp-blue; 20 Amp-red; 30 Amp-green

Back or side-wired grounding terminal for quick installation

1221-2I

Large head, triple-drive, brass combination screws for speedy wiring and installation

Large silver cadmium-oxide contacts for long life, prevent sticking, welding and excessive pitting

Heavy-gauge copper alloy, one-piece contact and toggle cam arm provides smooth, firm toggle action for "fast-make" and "slow-break" operation

Heavy gauge, anti-corrosive mounting strap with grounding screw and self-grounding clip

External clamp-type terminal provides secure connection for back and side wiring

Shallow 3/4" deep body for more wall box room

Industrial Grade AC Quiet Switches

Back and Side Wired 120/277V AC Quiet Switches Ⓤ ⓢ

DESCRIPTION LEVSPEC®	15 AMP	20 AMP	30 AMP	COLOR* Basic Cat. No. Denotes Brown
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, E, R
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, A, T **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, T
4-Way Locking†	1204-2L	1224-2L		**20A**: I, G, W
SPECCLASS® General Duty Switches				
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.

Wire Lead 120/277V AC Quiet Switches Ⓤ ⓢ

DESCRIPTION	15 AMP	20 AMP	COLOR
SPECCLASS® General Duty Switches			
Single-Pole Toggle	1241	1243	**15A & 20A**: I, W
3-Way Toggle	1242	1244	**15A & 20A**: I, W

Back and Side Wired Canadian 347V AC Quiet Switches ⓢ

DESCRIPTION	15 AMP	20 AMP	COLOR** See Canadian 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.

1201-2IL

KEY†

1221-2I

3303-2W

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 **LEV**SPEC devices, steel combination head terminal screws on other devices
- Self-grounding clip on **LEV**SPEC devices (self-grounding when used with a grounded metal wallbox)
- Wire lead switches for fast and easy installation

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
- **SPEC**CLASS 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).
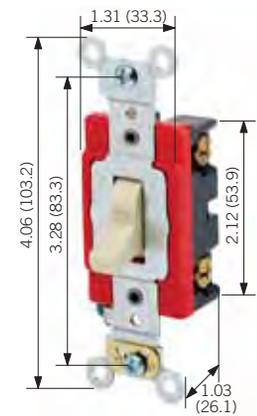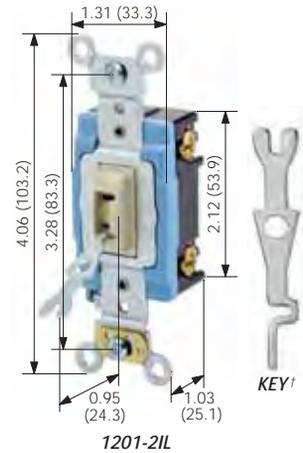
** CANADIAN COLOR

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

HORSEPOWER

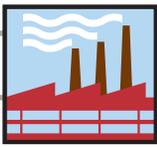| 15A	20A	30A
½ @120V	1 @ 120V	2 @ 120V
2 @ 240V	2 @ 240V	2 @ 240V

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
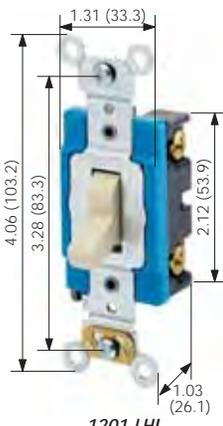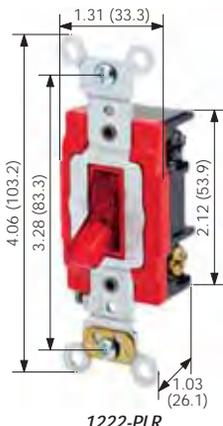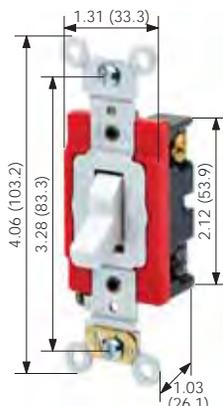Operating Temperature: -40°C to 65°C.
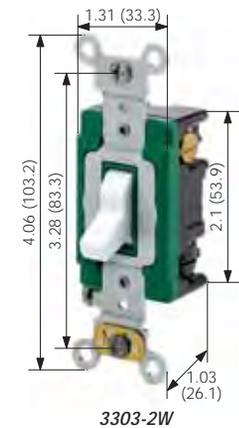
AC Switches
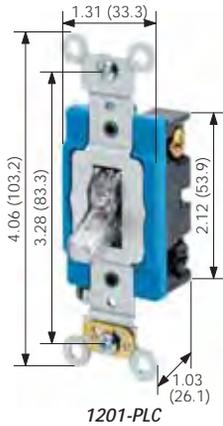
1201-PLC

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 clear 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 grounded 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
½ @120V	1 @ 120V	2 @ 120V

MATERIAL CHARACTERISTICS
Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.
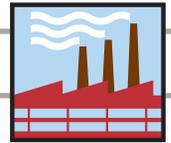
Maintained and Momentary Contact

Back and Side Wired Maintained Contact 120/277V AC ⓊⓁ ⒸⓈⒶ

DESCRIPTION	15 AMP	20 AMP	30 AMP	COLOR* *Basic Cat. No. Denotes Brown*
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, W
Double-Pole, Double Throw, Center Off, Locking†	———	———	1288-L	**30A:** Black only

†Key for Locking Switch: Cat. No. 55500-PRT

1281-L

Back and Side Wired Momentary Contact 120/277V AC ⓊⓁ ⒸⓈⒶ

DESCRIPTION	15 AMP	20 AMP	30 AMP	COLOR* *Basic Cat. No. Denotes Brown*
Single-Pole, Double-Throw, Center Off	1256	1257	1260★	**15:** I, W, GY **20A:** I, W, GY **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 ★

1285

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.

1256

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.

1257-L

AC Switches

Industrial Grade AC Quiet Switches

1101-2GY

1121-2L

1123-2W
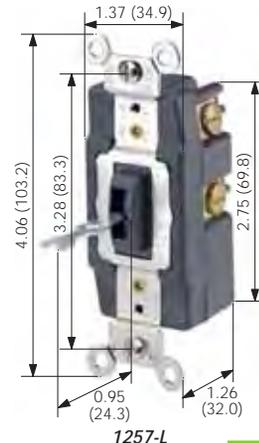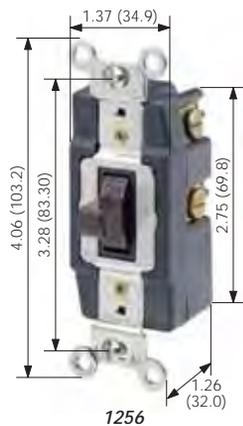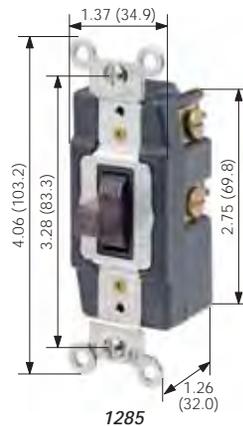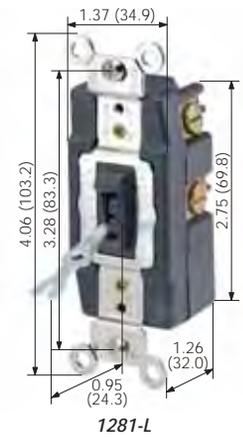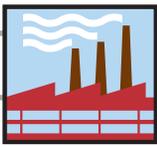
Side Wired 120/277V AC Quiet Switches Ⓤ Ⓢ
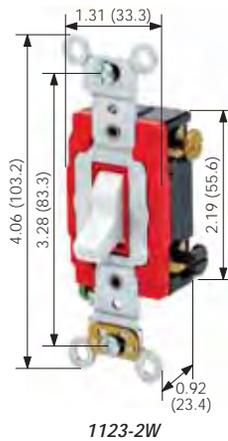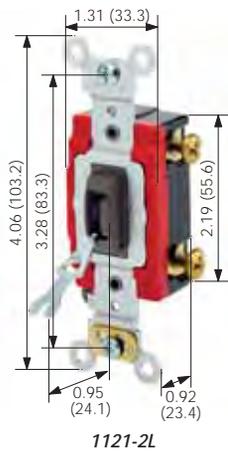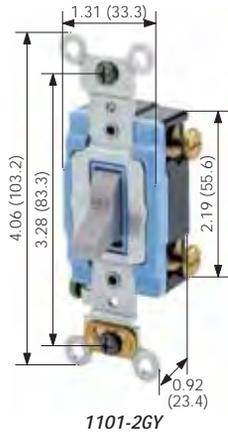
DESCRIPTION	15 AMP	20 AMP	COLOR* *Basic Cat. No. Denotes Brown*
Single-Pole Toggle	**1101-2**	**1121-2**	**15A**: I, W, GY **20A**: I, W, GY, R
Single-Pole Locking†	**1101-2L**	**1121-2L**	**15A & 20A**: Brown Only
Double-Pole Toggle	**1102-2**	**1122-2**	**15A**: I **20A**: I, W, GY
Double-Pole Locking	**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-I	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
½ @120V	1 @ 120V
2 @ 240V	2 @ 240V

MATERIAL CHARACTERISTICS
Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C
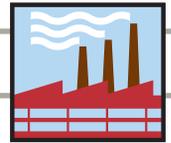
Industrial Grade AC Manual Motor and Welder Starting Switches

Back and Side Wired AC Manual Motor Starting Switches 30 AMP 600V AC ⓤ ⓢ

DESCRIPTION	MAX. HP RATING	IN TYPE 1 ENCL.	IN TYPE 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** **N1302-T**	**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** **N1303-T**	**N3303**	**MS303**
Same as above – Short Toggle		————	————	**MS303-S**

2.97 (75.4)
5.60 (142.2)
3.11 (78.7)
2.40 (61.0)

N1303

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**

2.03 (51.6)
0.90 (22.9)
3.75 (95.3)
3.28 (83.3)
1.51 (38.3)

MS302-S

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", 11/4" #2 Allows: 1/2", 3/4"			2 Bottom Knockouts both allow: 1/2", 3/4", 1", 11/4"
N13NC	**N33NC**	**84001-LOK** (Lock purchased separately)	**N1303-T** (w/30A Switch) **N13NC-T** (Cover Only)	**N36NC**

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.

1.20 (35.0)
4.06 (103.2)
3.28 (83.3)
2.19 (55.6)
1.14 (29.0)

WS402

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
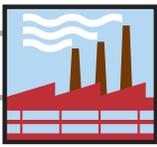
WS Switches
- Capable of accommodating bus bar termination in multi-gang applications
- Hole for mounting hardware supports panel mounting with self-threading fasteners or pop rivets
- Terminal screws accept up to # 10 AWG solid copper wire. For stranded # 8 AWG wire, remove terminal clamp and use ring 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 VO Flammability Rating
Operating Temperature: -40°C to 65°C

AC Switches

Industrial Grade Watertight Safety Disconnect Switches
UL 98 & UL 508 Listed, CUL per CSA Specification, C22.2 No. 14 Certified

2 YEAR LIMITED WARRANTY

Watertight Safety Disconnect Switches

Liquid-tight conduit fitting can be installed for top or bottom feed

One fitting supplied:
• 30 Amp – 1"
• 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

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

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 180º for easy access during installation and maintenance

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.

PowerSwitch®
by Leviton

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		✔	✔	✔*	✔

* Not available on DS30-AX

Watertight Safety Disconnect Switches

F

8

Industrial Grade Watertight Safety Disconnect Switches

PowerSwitch®
by Leviton
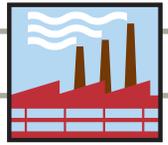
Meets 2002 NEC® Requirements 430.102 (A) and 430.102 (B)

Engineered to UL & IEC Watertight Standards

2 YEAR LIMITED WARRANTY

DS30-AX
(Non-Fused)

DS60-FAX
(Fused)

DS100-AX
(Non-Fused)

Ordering Information for Watertight Safety Disconnect Switches

AMPS	MAX VOLTAGE	INTERUPTED RATINGS — RMS SYMMETTRICAL AMPERES	
		Non-Fused are suitable for use on circuits capable of delivering not more than (see chart below for catalog no. and value) RMS symmetrical amperes.	Fused, when protected by Class J fuses, 600V AC maximum, are suitable for use on circuits capable of delivering not more than (see chart below for catalog no. and value) RMS symmetrical amperes.
		CATALOG NO. NON-FUSED	CATALOG NO. FUSED
30	600V AC	DS30-AX	DS30-FAX
60	600V AC	DS60-AX	DS60-FAX
100	600V AC	DS100-AX	

ELECTRICAL

	Device	Current Applied	Duration
Ground Path Integrity	30 A	60 A	2 min
	60 A	120 A	4 min
	100 A	200 A	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	V2 or better per UL 94 or CSA 22.2 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 minutes
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)

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

Watertight Safety Disconnect Switches
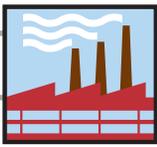
Industrial Grade AC Key Lock Power Switches

AC Switches

4.06 (103.2)
3.28 (83.3)
2.19 (55.6)
1.68 (42.7)
1.19 (30.2)

1221-2KL w/TWO KEYS
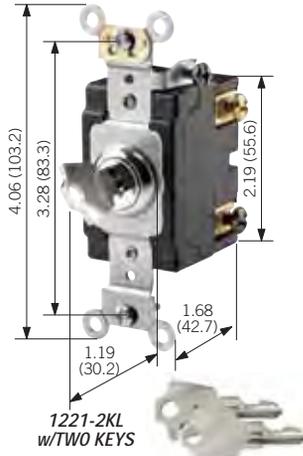
Back and Side Wired Key Lock Power Switches 20 AMP 120/277V AC

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 2³/₄" SINGLE COVER/GANG	ADAPTER EXTENDS SHALLOW WALLBOX, USE WITH STAINLESS WALLPLATE–CAT. NO. 84071-40		
		COLOR		**CAT. NO.**
		Brown		6197
		Ivory		6197-I
		White		6197-W
84701-40				
2-GANG STAINLESS STEEL WALLPLATE	**3-GANG STAINLESS STEEL WALLPLATE**			
84072-40	**84073-40**			

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, combination head terminal screws with external clamps
- 4-Way switch has internal, back-wire clamps
- 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.

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
- ■ Heavy-duty pre-plated steel mounting strap for maximum strength
- ■ All screws are brass combination-head for fast installation with Standard, Phillips and Robertson head screwdrivers
- ■ External clamp-type wiring terminals provides secure connection of solid or stranded wire for back or side wiring (CSB1 and CSB3)
- ■ 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.
54501-2I 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
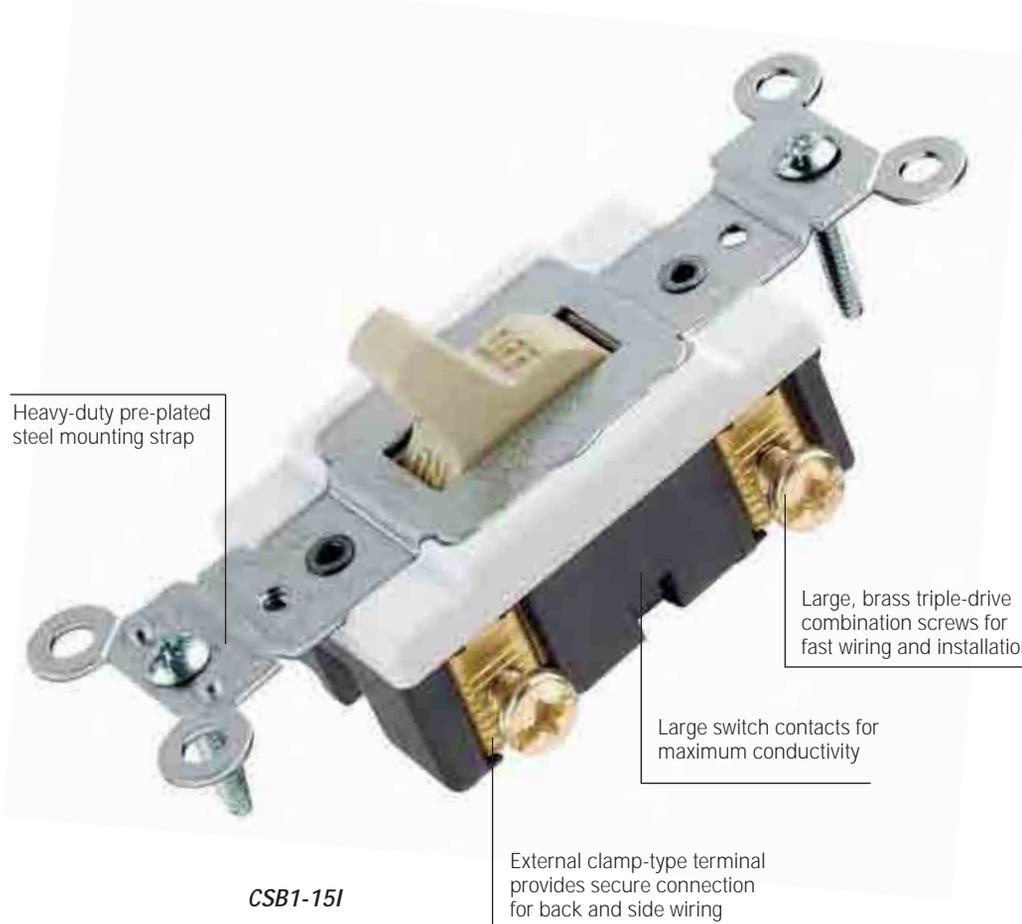
Heavy-duty pre-plated steel mounting strap

Large, brass triple-drive combination screws for fast wiring and installation

Large switch contacts for maximum conductivity

External clamp-type terminal provides secure connection for back and side wiring

CSB1-15I

AC Switches

Commercial Grade AC Quiet Switches
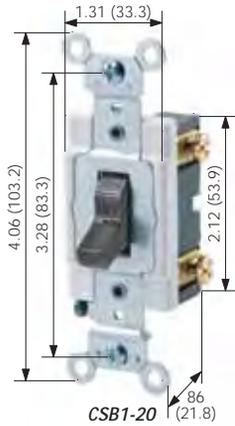
CSB1-20
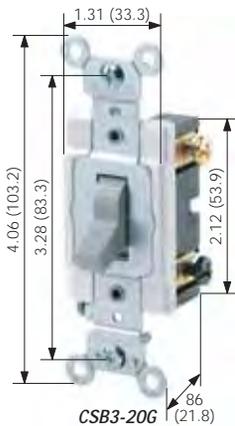
CSB3-20G
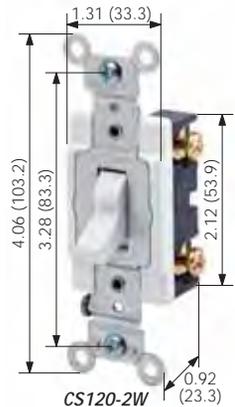
CS120-2W
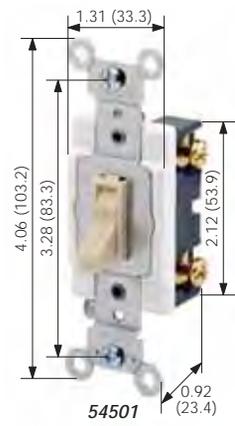
54501

Back and Side Wired 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR* *Basic Cat. No. Denotes Brown*
Single-Pole Toggle	CSB1-15	CSB1-20	**15A & 20A**: I, W, A, T, G
Double-Pole Toggle	CSB2-15	CSB2-20	**15A**: I, W, A, T **20A**: I, W, A, T, G
3-Way Toggle	CSB3-15	CSB3-20	**15A**: I, W, A, T **20A**: I, W, A, T, 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* *Basic Cat. No. Denotes Brown*
Single-Pole Toggle	CS115-2	CS120-2	**15A & 20A**: I, W, A, T, GY, E
Single-Pole Hospital Call Switch†	5501-8	——	**15A**: I
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
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** *See Canadian Color*
Single-Pole, Framed Toggle	1101-C	54521-2	**15A**: I, W, B, G, E **20A**: I, W, B, G
Double-Pole, Framed Toggle	1102-C	54522-2	**15A & 20A**: I, W, B, G
3-Way, Framed Toggle	1103-C	54523-2	**15A**: I, W, B, E **20A**: I, W, B, G
4-Way, Framed Toggle	1104-C	54524-2	**15A**: I, W, B, E **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 triple-drive combination screws (Standard, Phillips and Robertson) 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
½ @120V	1 @ 120V
2 @ 240V	2 @ 240V

MATERIAL CHARACTERISTICS
Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.

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

Side Wired Canadian 15 AMP 347V AC ⓊⓁ ⒸⓈⒶ

DESCRIPTION	CAT. NO.	COLOR**
		See Canadian Color
Single-Pole, Framed Toggle	**18201-C**	**15A**: I, W, B, G
Double-Pole, Framed Toggle	**18202-C**	**15A**: I, W
3-Way, Framed Toggle	**18203-C**	**15A**: I, W, B, G
4-Way, Framed Toggle	**18204-C**	**15A**: I, W, G

Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701-I	80709-I	80711-W	84001-40	84001-E40 (EMERGENCY)	84009-40	84011-40

For complete wallplate selection, see Section E.

1.31 (33.3)
4.06 (103.2)
3.28 (83.3)
2.12 (53.9)
0.92 (23.3)

5501-LHI

1.31 (33.3)
4.06 (103.2)
3.28 (83.3)
2.12 (53.9)
1.03 (26.1)
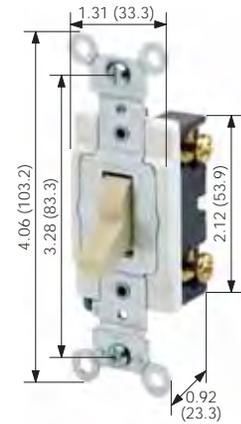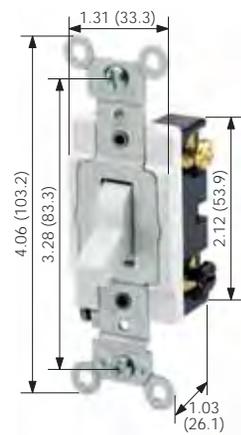
5503-LHW

AC Switches

- Quiet, reliable mechanical action
- Large head triple-drive combination screws (Standard, Phillips and Robertson) 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.

Residential Grade AC Quiet Switches
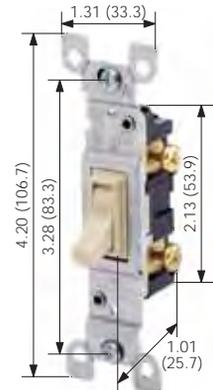
1451
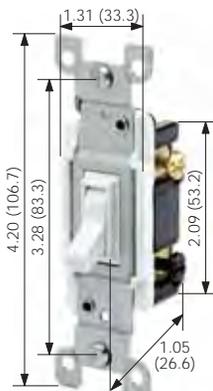
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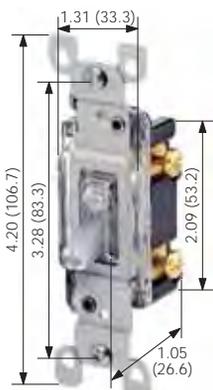
1461-LHC
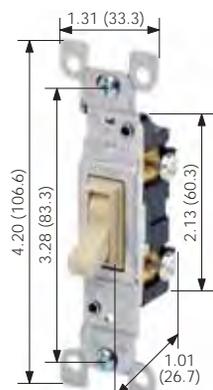
2651-2

Quickwire and Side Wired Framed Toggle 15 AMP 120V AC Quiet Switches ⓤ ⓢ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Single-Pole	**1451**	I, W
3-Way	**1453**	I, W, A, T
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, GY, T
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 (Toggle & Frame)*
Single-Pole (Amber Illumination)	**1461-LH**	C
3-Way (Amber Illumination)	**1463-LH**	C
Single-Pole (Green Illumination)	**1461-GH**	I, W, A, T, E
3-Way (Green Illumination)	**1461-GH**	I, W, A, T, E

Note: Illuminated switches do not require a neutral wire.

CO/ALR Side Wired Framed Toggle
15 AMP 120V AC ⓤ ⓢ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
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 (-C), Grey (-GY)

HORSEPOWER

15A
½ @120V

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.

Straight Blade Receptacles

INDEX

Straight Blade Receptacles Index

LEVITON®

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

Straight Blade Receptacles

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

Industrial Grade Straight Blade Receptacles
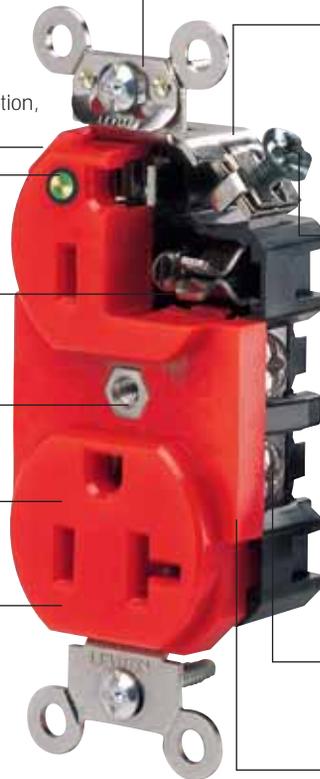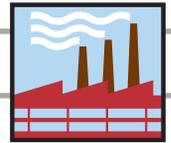
Hospital Grade

Back and Side Wired/Wire Lead Ⓤ Ⓢ® *(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	8200 I, W, GY, R	8600 I	8300 I, W, A, T, GY, R, E	8400 I
Single Receptacle	8210 I, W, R	——	8310 I, W, GY, R	——
Slim Design Receptacle	8200-H I, W, GY, R	——	8300-H I, W, GY, R	——
Duplex Receptacle, Tamper-Resistant	8200-SG I, W, G, R	——	8300-SG I, W, A, T, G, R	——
Illuminated Duplex Receptacle	8200-HL I, W, G, R, (No Brown)	——	8300-HL I, W, R (No Brown)	——
Power Indication™ Duplex Receptacle	8200-PL I, W, R, (No Brown)	——	8300-PL I, W, R (No Brown)	——
Duplex Receptacle, w/6" Wire Leads	8200-L I, W, GY, R	——	8300-L I, W, A, GY, R, E	——

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	8200-IG B, I, W, G, R	——	8300-IG B, I, W, G, R	——
Duplex Receptacle w/6" Ground Lead	8200-LIG Orange Only	——	8300-LIG Orange Only	——
Single Receptacle w/6" Ground Lead	8210-IG Orange Only	——	8310-IG 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.

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
- Wire lead receptacles for fast and easy installation

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).
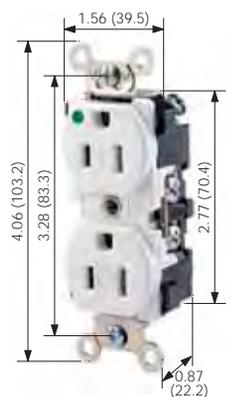
MATERIAL CHARACTERISTICS
Environmental: Flammability, Rated V2

Operating Temperature: From -40° C (without impact) to 60°C maximum continuous
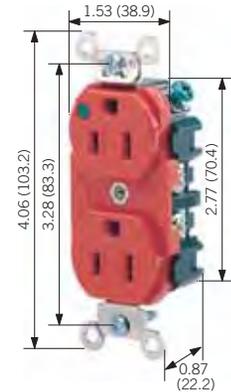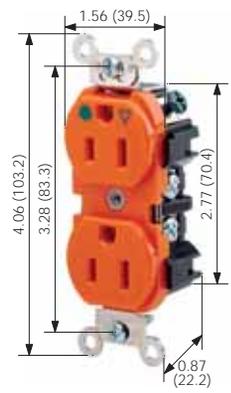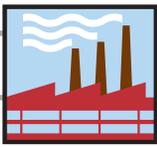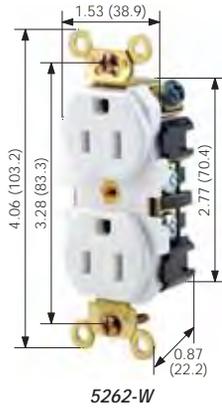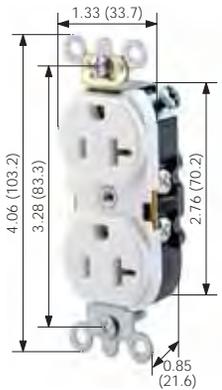

8200-PLR
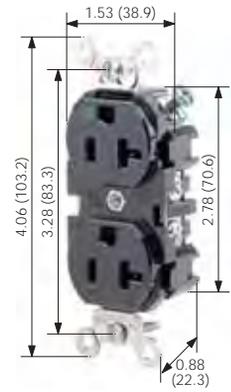
8300-E

8200-SGW

8200-IG

Straight Blade Receptacles

Industrial Grade Straight Blade Receptacles

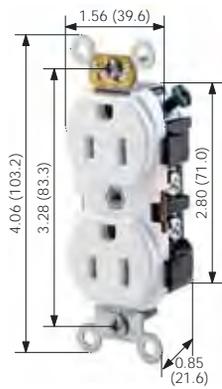**Straight Blade Receptacles**

5262-W

5362-SW
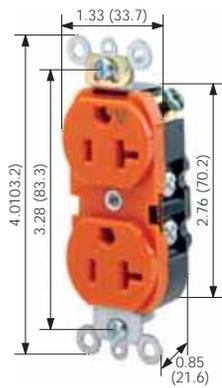
5362-IG

5242-W

Back and Side Wired/Wire Lead ⓤ ⓢ *(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
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, E	**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, E, BU	——
Single Receptacle, Clockhanger	**5261-CH** Stainless Steel	——	**5361-CH** Stainless Steel	——
SPECCLASS® General Duty Duplex Receptacle	**5262-S** I, W, A, T, GY, R, E, BU	——	**5362-S** I, W, A, T, GY, R, E, BU	——
SPECCLASS® General Duty Duplex Receptacle w/6" Wire Leads	**5262-L** I, W, A, GY, R, E	——	**5362-L** I, W, A, GY, R, E	——

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
Slim Design Duplex Receptacle	**5262-IG** B, I, W, G, R, BIG	**5662-IG**	**5362-IG** B, I, W, A, T, 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
Duplex Receptacle	**5242** I, W, GY, R	——	**5342** I, W, GY, R	——
Single Receptacle	**5251** I	**5651** I, W	**5351** I	——

Back and Side Wired Dual Voltage ⓤ ⓢ *(Basic Cat. No. Denotes Brown Device*)*

DESCRIPTION	RATING	CAT. NO.	COLOR
Duplex Receptacle	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 **LEV**SPEC 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
- Wire lead receptacles for fast and easy installation

TESTING AND CODE COMPLIANCE

- UL Listed 498 (UL File #13399); UL Federal Specification WC-596
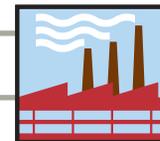- CSA Certified where applicable (CSA File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty
- **SPEC**CLASS devices backed by a Limited 2-Year Warranty

*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

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

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 5-15R	CAT. NO./COLOR* 20A-125V 5-20R
Industrial Grade	1254 I, W, GY, R, E	21254 I, W, GY, R, E, Y
Hospital Grade	1254-H I, W, R	21254-H I, W, GY, R
Hospital Grade, Isolated Ground	1254-IG	21254-IG I, W
Industrial Grade, Surge Protective	5480 I, W, GY, R, BU (No Brown)	5490 I, W, GY, BU (No Brown)
Industrial Grade, Surge Protective/ Isolated Ground	5480-IG Orange only	5490-IG Orange, I, B
Hospital Grade, Surge Protective/ Isolated Ground	8480-IG I, W, B	8490-IG I, B
Hospital Grade, Surge Protective	8480 I, W, R (No Brown)	8490 I, W, R (No Brown)

For surge protective performance data, see page R14.

Four-In-One Adapter Plates Ⓤ ⓈⓅ

	CAT. NO.	COLOR* *Basic Cat. No. denotes Brown*
	3254	I, W, GY, R, E, OR, BLU

Four-In-One Portable Boxes Ⓤ ⓈⓅ

	CAT. NO.	COLOR*
	4254	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	4¹¹/₁₆" 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).*
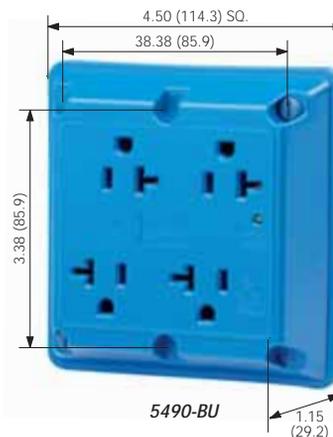- Convenient built-in strip-gauge

TESTING AND CODE COMPLIANCE

- UL Listed 498 for Hospital Grade (UL File #13399); UL Federal Specification WC-596; Ul 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
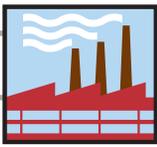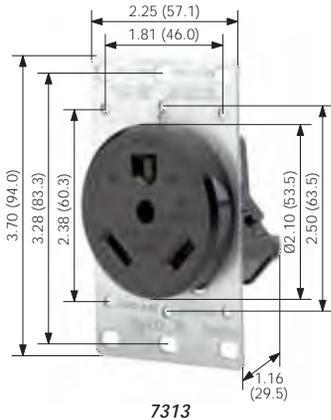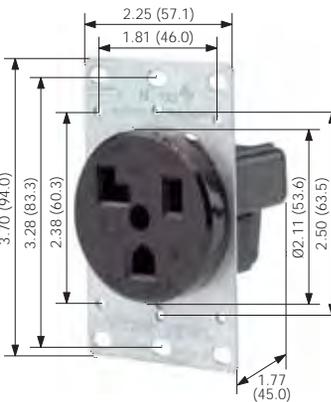- Backed by a Limited 10-Year Warranty

*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

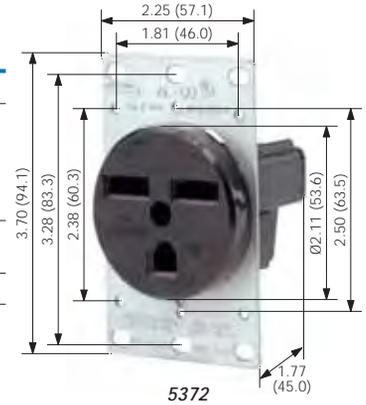Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

4.50 (114.3) SQ.
38.38 (85.9)
3.38 (85.9)
1.15 (29.2)

5490-BU

4.50 (114.3) SQ.
38.38 (85.9)
3.38 (85.9)
1.15 (29.2)

1254-GY

4.50 (114.3) SQ.
38.38 (85.9)
3.38 (85.9)
1.15 (29.2)

8490-R

4.50 (114.3) SQ.
3.38 (85.9)
3.28 (83.3)
0.90 (22.9)

4254-Y

Straight Blade Receptacles

Industrial Grade Straight Blade Receptacles

Straight Blade Receptacles *(side tab)*

2.25 (57.1)
1.81 (46.0)
3.70 (94.0)
3.28 (83.3)
2.38 (60.3)
Ø2.10 (53.5)
2.50 (63.5)
1.16 (29.5)

7313

2.25 (57.1)
1.81 (46.0)
3.70 (94.0)
3.28 (83.3)
2.38 (60.3)
Ø2.11 (53.6)
2.50 (63.5)
1.77 (45.0)
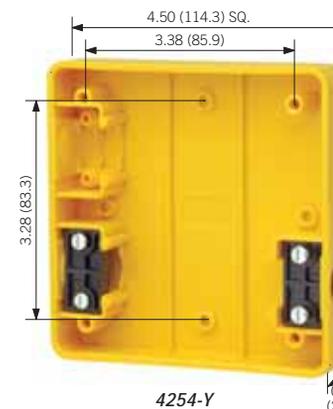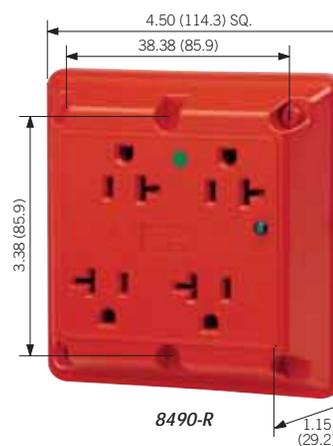
5371

Power Devices

20 AMP 120/208V 3ØY 4-Pole 4-Wire Non-Grounding ⓤ

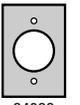| DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	**7250-FR** 18-20R	Fits any standard single gang receptacle plate with 1.41" diameter center hole. See Section E for more information
Matching Plug	**7251-C** 18-20P	

30 AMP 125V 2-Pole 3-Wire Grounding ⓤ ⓢ

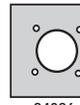| DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	**5371** 5-30R	Fits all wallplates with 2.15" diameter center hole. See Section E for more information
Flush Mount Receptacle Isolated Ground	**5371-IG**	As above
Matching Angle Plug	**9530-P** 5-30P	

30 AMP 125V 2-Pole 3-Wire Grounding ⓤ ⓢ

DESCRIPTION	CAT. NO.
Flush Mount Receptacle for Recreational Vehicles	**7313** TT-30R
Matching Angle Plug	**830-T** 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
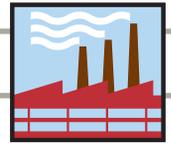
Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

Power Devices

30 AMP 250V 2-Pole 3-Wire Grounding ⓤ Ⓢ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	**5372** 6-30R	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
Flush Mount Receptacle Isolated Ground	**5372-IG**	As above
Surface Mount Receptacle	**5376**	
Matching Angle Plug	**9630-P** 6-30P	

30 AMP 277V 2-Pole 3-Wire Grounding ⓤ Ⓢ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	**9730-A** 7-30R	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.

30 AMP 125/250V 3-Pole 3-Wire Non-Grounding ⓤ Ⓢ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	**5207** 10-30R	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
Surface Mount Receptacle	**5054**	
Matching Angle Plug	**9332-P** 10-30P	

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 ¾" 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

5372

5376

9730-A

5054
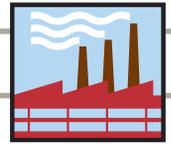
Straight Blade Receptacles

Straight Blade Receptacles
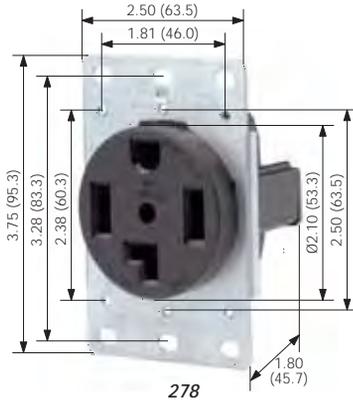
278

55054
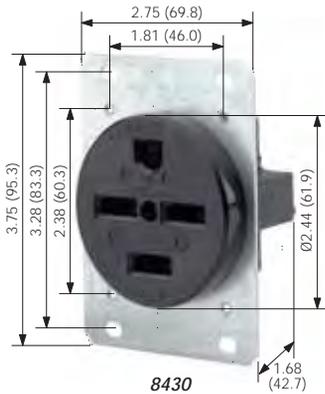
8430
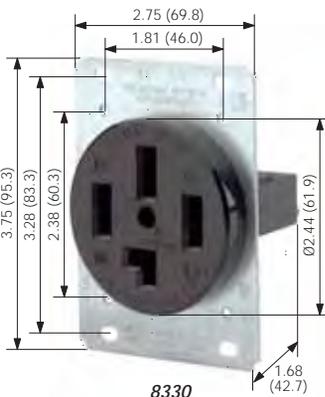
8330

Power Devices

30 AMP 125/250V 3-Pole 4-Wire Grounding ⓊⓁ Ⓒ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	278	Fits all wallplates with 2.15" diameter center hole, (shown on page G9). See Section E for more information.
	14-30R	
Panel Mount Receptacle	278-PM	Same dimensions as Cat. No. 279-PM (except for NEMA config.) shown on page G10.
Surface Mount Receptacles	55054	
Matching Angle Plug	9432-P	
	14-30R	

30 AMP 250V 3Ø 3-Pole 4-Wire Grounding ⓊⓁ Ⓒ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	8430	Fits 2-gang wallplates w/2.465" diameter center hole. See Section E for more information.
	15-30R	
Matching Angle Plug	8432-P	
	15-30P	

30 AMP 120/208V 3ØY 4-Pole 4-Wire Non-Grounding ⓊⓁ Ⓒ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	8330	Fits 2-gang wallplates w/2.465" diameter center hole. See Section E for more information.
	18-30R	
Matching Angle Plug	8332-P	
	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.

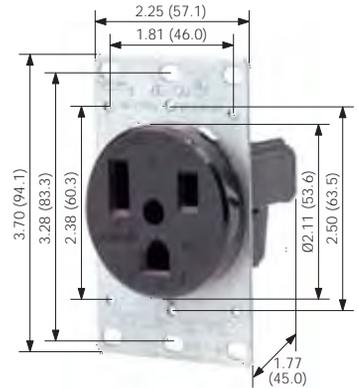### SPECIFICATIONS AND FEATURES

- 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 ¾" 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
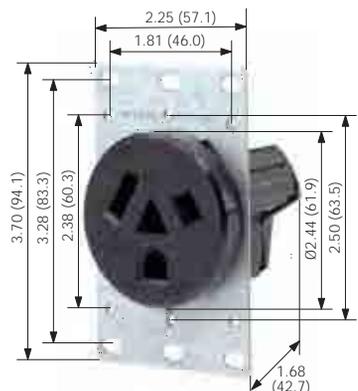
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2

Operating Temperature: From -40° C (without impact) to 75°C maximum continuous
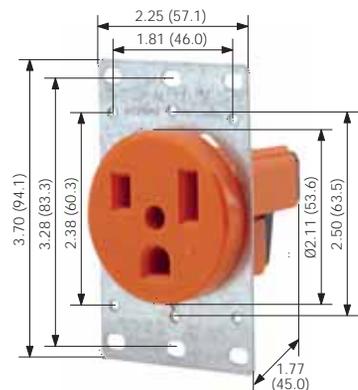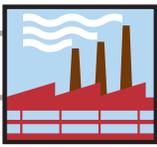
Industrial Grade Straight Blade Receptacles

Power Devices

50 AMP 125V 2-Pole 3-Wire Grounding Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	5373	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
	5-50R	
Matching Angle Plug	9550-P	
	5-50P	

5373

50 AMP 250V 2-Pole 3-Wire Grounding Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	5374	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
	6-50R	
Flush Mount Receptacle Isolated Ground	5374-IG	As above
Surface Mount Receptacle	5378	
Matching Angle Plug	9650-P	
	6-50P	

5378

50 AMP 277V 2-Pole 3-Wire Grounding Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	9750-A	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
	7-50R	
Matching Angle Plug	9750-P	
	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	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
• 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

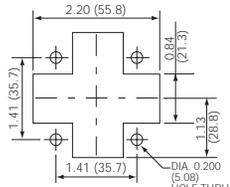## Industrial Grade Straight Blade Receptacles

Ø0.18 (4.5) HOLE THRU (4 PLCS)

Ø2.44 (61.8)

2.22 (56.4)

279-PM

2.20 (55.8)
0.84 (21.3)
1.41 (35.7)
1.13 (28.8)
1.41 (35.7)
DIA. 0.200 (5.08) HOLE THRU (4 PLCS)

279-PM Recommended Panel Cutout

2.25 (57.1)
1.81 (46.0)
3.70 (94.1)
3.28 (83.3)
2.38 (60.3)
Ø2.11 (53.6)
2.50 (63.5)
1.77 (45.0)

5206

4.82 (122.5)

2.68 (68.1)
2.04 (51.9)

55050

2.75 (69.8)
1.81 (46.0)
3.75 (95.3)
3.28 (83.3)
2.38 (60.3)
Ø2.44 (61.9)
1.64 (41.6)

8450

Power Devices

50 AMP 125/250V 3-Pole 3-Wire Non-Grounding ⓤ ⓒ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	**5206** 10-50R	Fits all wallplates with 2.15" diameter center hole. See Section E for more information.
Surface Mount Receptacle	**5050**	
Matching Angle Plug	**9450-P** 10-50P	

50 AMP 125/250V 3-Pole 4-Wire Grounding ⓤ ⓒ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	**279** 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	**279-PM**	Same dimensions (except for NEMA config.) and recommended panel cutout as Cat. No. 278-PM listed on page G8.
Surface Mount Receptacle	**55050**	
Matching Angle Plug	**9452-P** 14-50P	

50 AMP 250V 3Ø 3-Pole 4-Wire Grounding ⓤ ⓒ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	**8450** 15-50R	Fits wallplates with 2.465" diameter center hole. See Section E for more information.
Flush Mount Receptacle Isolated Ground	**8450-IG**	As above
Matching Angle Plug	**8452-P** 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.
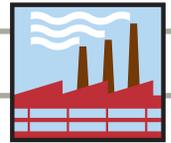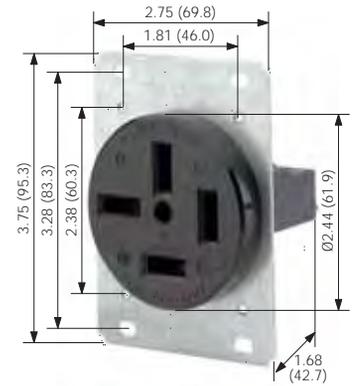
SPECIFICATIONS AND FEATURES

- 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 ¾" and 1" conduit and adjustable cord clamp and back and bottom entrance of cable
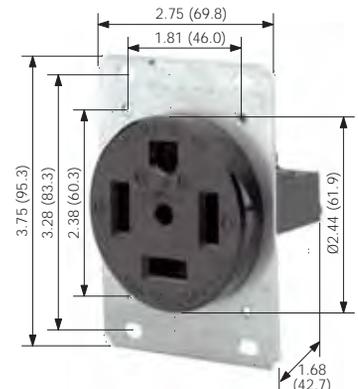
TESTING AND CODE COMPLIANCE

- 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
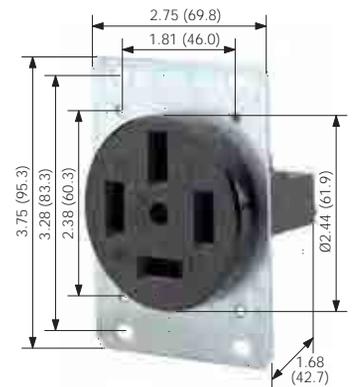
Environmental: Flammability, Rated V2

Operating Temperature: From -40° C (without impact) to 75°C maximum continuous

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

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	**8350** 18-50R	Fits wallplates with 2.465" diameter center hole.
Matching Angle Plug	**8352-P** 18-50P	

60 AMP 125/250V 3-Pole 4-Wire Grounding ⓊⓈ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	**9460** 14-60R	Fits wallplates with 2.465" diameter hole.
Flush Mount Receptacle Isolated Ground	**9460-IG**	As above
Matching Angle Plug	**9462-P** 14-60P	

60 AMP 250V 3Ø 3-Pole 4-Wire Grounding ⓊⓈ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	**8460** 15-60R	Fits wallplates with 2.465" diameter hole.
Matching Angle Plug	**8462-P** 15-60P	

60 AMP 120/208V 3ØY 4-Pole 4-Wire Non-Grounding Ⓤ

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	**8360** 18-60R	Fits wallplates with 2.465" diameter hole.
Matching Angle Plug	**8362-P** 18-60P	

8350

9460

8360

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

Straight Blade Receptacles

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.

Straight Blade Receptacles

Back & Side Wired
Constructed of high impact resistant thermoplastic, power contacts are triple wipe for good conductivity.
BR15-W shown

Side Wired
Available with back and side-wired options, it can operate at either 125 or 250V volts.
CR15-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, 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
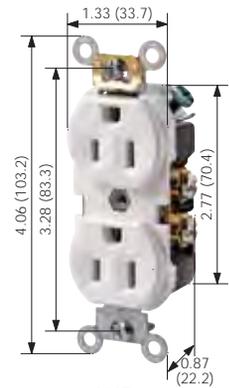- Shallow design for maximum wiring room in box
- UL Listed 498 (UL File #E-13399)

- 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

External 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

G

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

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	BR15 I, W, GY, E, A, T		BR20 I, W, GY, E, A, T	5824 I
Single Receptacle	5088 I, A	5089 I (No Brown)	5891 W	5823 I

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* *Basic Cat. No. Denotes Brown*
	5-20R	6-20R	
Duplex Receptacle, Dual Voltage	5844	5844	I

Dual Voltage Side Wired 15 AMP 125V & 15 AMP 250V Grounding ⓊⓁ ⒸⓈⒶ

DESCRIPTION	CAT. NO. 15A/125V	CAT. NO. 15A/250V	COLOR* *Basic Cat. No. Denotes Brown*
	5-15R	6-15R	
Duplex, Grounding, Dual Voltage (Triple Wipe)	5031	5031	I, W

Dual Voltage Side Wired 20 AMP 125V & 20 AMP 250V Grounding ⓊⓁ ⒸⓈⒶ

DESCRIPTION	CAT. NO. 20A/125V	CAT. NO. 20A/250V	COLOR* *Basic Cat. No. Denotes Brown*
	5-20R	6-20R	
Duplex Receptacle, Dual Voltage (Triple Wipe)	5842	5842	I

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
- 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
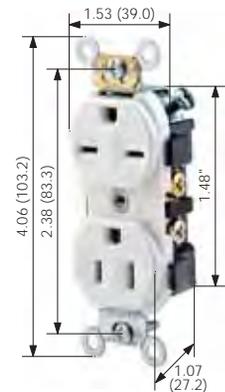
*COLOR
Basic Cat. Nos. shown above denote Brown color. For other color selections, add the suffix to catalog number as follows: Ivory (-I), White (-W), Black (-E), Almond (-A), Light Almond (-T), Gray (-GY).
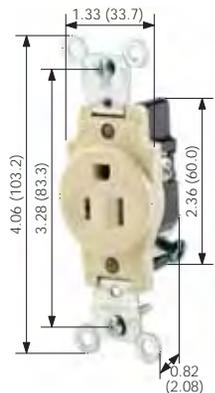
MATERIAL CHARACTERISTICS
Environmental: Flammability, Rated V2

Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

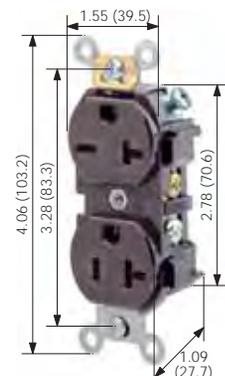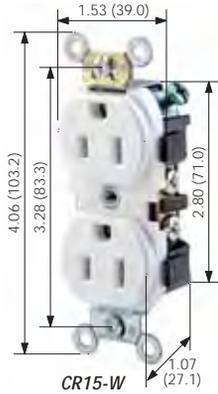**BR15-W**

1.33 (33.7) · 4.06 (103.2) · 3.28 (83.3) · 2.77 (70.4) · 0.87 (22.2)

5031-W

1.53 (39.0) · 4.06 (103.2) · 2.38 (83.3) · 1.48" · 1.07 (27.2)

5088-I

1.33 (33.7) · 4.06 (103.2) · 3.28 (83.3) · 2.36 (60.0) · 0.82 (2.08)

5844

1.55 (39.5) · 4.06 (103.2) · 3.28 (83.3) · 2.78 (70.6) · 1.09 (27.7)

Straight Blade Receptacles

Commercial Grade Straight Blade Receptacles
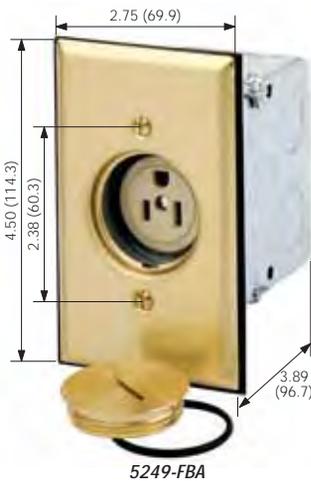

CR15-W

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	CR15 I, W, A, T, GY, E	5028* I	CR20 I, W, A, T, GY, E	5822* I, W
Duplex Receptacle, Smooth Face	CR15 I, W, GY	——	CR20 I, W, GY	——
Duplex Receptacle, on 4" Cover★	5042 Zinc plated steel	——	——	——
Single Receptacle	5015 I, W, A, T	5029 I	5801 I, W, A, T	5821 I, W, A, T
Single Receptacle on 4" Cover	5059 Zinc plated steel	——	——	——
Duplex Receptacle with Pigtail Leads★	5040 I, W (No Brown)	——	5340 I, W, GY, A	——
Single Receptacle, Short Strap, 8-32 Tapped Mounting Holes on 1¾" Centers	5258-SS E Only	5658-SS E Only	——	5458-SS E Only
Tamper Resistant Duplex Receptacle	CR15S-G I, W, T (No Brown)	——	——	——
Single Display Receptacle w/Solid Brass Plate.	5250 Brass	——	——	——
Single Brass Floorbox Assembly.	5249-FBA Brass	——	5349-FBA Brass	——
Duplex Brass Floorbox Assembly	25249-FBA Brass	——	25349-FBA Brass	——
Duplex Nickel-Plated Floorbox Assembly	25249-SBA			

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 receptacle 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).
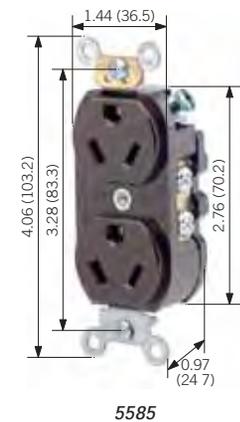
MATERIAL CHARACTERISTICS
Environmental: Flammability, Rated V2

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* Basic Cat. No. Denotes Brown
Duplex Receptacle (Double Wipe)	5585	Brown Only

7-15R

Side Wired 20 AMP 125/250V Non-Grounding

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
Single Receptacle (Double Wipe) (9151-N matching plug on page M4)	5032	I

10-20R

41650-F

41652-6F

5585

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

Straight Blade Receptacles

Residential Grade Straight Blade Receptacles

1.55 (39.3)
4.06 (103.2)
3.28 (83.3)
2.78 (70.6)
0.76 (19.3)

5248-WCP

1.33 (33.7)
4.06 (103.2)
3.28 (83.3)
2.77 (70.5)
0.74 (18.9)

5320-WCP

1.33 (33.7)
4.06 (103.2)
3.28 (83.3)
2.77 (70.9)
0.74 (18.9)
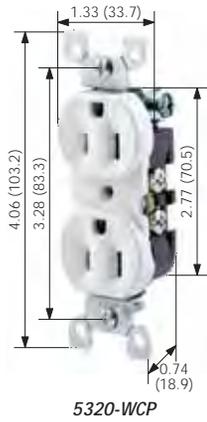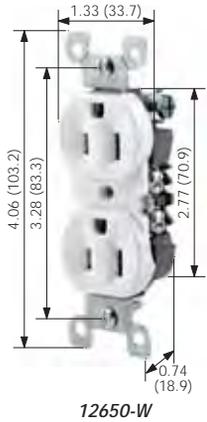
12650-W

8-Hole Quickwire Push-In 15 AMP 125V Grounding ⓤ ⓢ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Duplex Receptacle, *CONTRACTOR PACK (10 BULK)*	**5248-CP** 5-15R	I, W
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* *Basic Cat. No. Denotes Brown*
Duplex Receptacle, All Screws Backed Out, *CONTRACTOR PACK (10 BULK)*	**5320-CP** 5-15R	I, W, A, T
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* *Basic Cat. No. Denotes Brown*
Duplex Receptacle, on 4" Cover	**1228** 5-15R	Brown Only

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* *No Brown*
Duplex Receptacle, UL Listed for direct connection to No. 12 or No. 10 aluminum conductors	**12650** 5-15R	I, W

CSA CERTIFIED CO/ALR For use with • Aluminum • Copperclad • Copper

CSA Certified except where indicated by ★

Wallplates

THERMOSET		THERMOPLASTIC		302 STAINLESS STEEL	
85003	86016	80703-I	80716-I	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* *Basic Cat. No. Denotes Brown*
Duplex Receptacle,★ Plaster Ears	**223** 1-15R	I, W
Duplex Receptacle★ T-SLOT, Not UL Listed; for replacement use only	**5000**	I *(No Brown)*
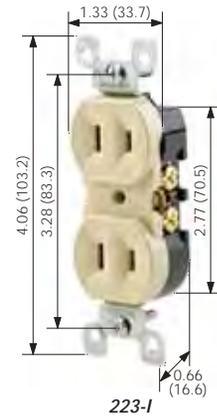
Snap-In Devices 15 AMP/125V ⓊⓁ Ⓢ®

DESCRIPTION	CAT. NO.	PANEL THICKNESS (inches)	PANEL OPENING (inches)	COLOR* *No Brown*
2-Wire Polarized Outlet. Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped 1/2"	**1306** 1-15R	.028 – .060	.97 x .52	E, W
2-Wire Polarized Outlet. Back Strap Mounting, Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped 1/2"	**306** 1-15R	.015 – .093	.97 x .52	E, W
3-Wire Grounding Outlet. Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped 1/2". Grounding Wire No. 16 AWG	**1374** 5-15R	.031 – .080*	.95 x .95	E, W
3-Wire Grounding Power Plug. Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped 1/2". Grounding Wire No. 16 AWG	**1373** 5-15P	.031 – .080	.95 x .95	E
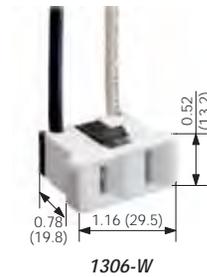
*Other panel thicknesses available.

Side Wired Clock Hanger 15 AMP/125V Grounding ⓊⓁ Ⓢ®

DESCRIPTION	CAT. NO.	COLOR* *No Brown*
Flush Mount with Square Recess	**688** 5-15R	I, W

CSA Certified except where indicated by ★

223-I

1306-W

1374-E

688-W

Straight Blade Receptacles

HOW TO USE THIS CATALOG

The L-101 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-101 Catalog can be clearly copied or faxed to customers and prospects for use as a specifier 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.

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

GFCI Personnel Protection Devices

INDEX

LEVITON®

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*PRO*® GFCI with Professional Grade Lockout Action

Meets or exceeds Underwriters Laboratories (UL) 2006 UL943 GFCI Safety Standards

- Patented professional grade lockout action as end-of-life indication
- Prevents power from being connected to face and feed-through terminals when miswired (Line-load reversal)
- Improved immunity to electrical noise to reduce false tripping
- Advanced electronics provide superior surge immunity
- Trip threshold meets or exceeds UL requirements for tripping time

THE SMARTLOCK*PRO*® PROTECTION ADVANTAGE

While other GFCI manufacturers may have taken the alternate route in the 2006 UL Standard by providing an indicator light for end-of-life indication, allowing reset and continued use of a GFCI with unprotected power to the GFCI face and downstream receptacles, the SmartLockPRO's reset button will not engage if protection has been compromised. The SmartLockPRO's unique patented professional grade end-of-life lock-out action, reduces the possibility of end-users incorrectly assuming that a reset GFCI outlet is providing ground fault protection when it actually is not

Ideal for a Wide Range of GFCI Applications

- Residential – Kitchens, bathrooms, garages, basements and other wet locations
- Outdoors – Outdoor receptacles by pools, cabanas, patios, decks and lanais
- Hospital and Healthcare Facilities – Scrub rooms, lavatories kitchenettes and other potentially wet locations
- Airports – Bathrooms, general use areas and maintenance areas
- Educational Facilities – Classrooms, restrooms, laboratories, dormitories and kitchens
- Restaurants, Lodging and Retail Malls – Bathrooms, general use areas and maintenance areas
- Commercial offices – Bathrooms, basement areas, hallways and kitchens
- Public Areas – Near wet and damp locations

SPECIFICATIONS AND FEATURES

- Meets or exceeds UL 2006 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, providing a true "dead-face" design that ensures no power at GFCI receptacle face or downstream-fed receptacles
- Line-load diagnostic feature prevents GFCI from being reset and stops power from being fed to the GFCI receptacle face or through to downstream devices. This alerts installer to a line-load reversal. Indicator light will be ON to indicate line/load reversal.
- The SmartLock*PRO* 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*PRO*® 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)
- CSA (#LR-57811)
- 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)

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com

Commercial Grade GFCI Personnel Protection Devices

UL Standard 943 Class A (GFCI) & 498 (Receptacles)
CSA Certified (File #057)
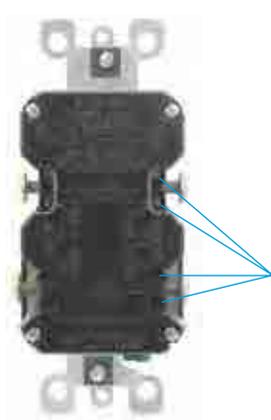### Meets July 28, 2006 UL Requirements

Thick-walled, impact-resistant thermoplastic nylon cover and body withstands abuse

"Surge hardened" electronics offer superior resistance to surges and overvoltages.

Silver alloy contacts for reliable make/break switching.

Triple drive combination terminal screws.

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.

Dual function LED offers indication of line/load reversal & power availability.

Eight back-wire holes (two per terminal) and back-wire ground.

**Provisions for back-
or side-wiring.**

7599-W

Leviton SmartLock*PRO*® icon ensures improved GFCI product design.

Lockout action blocks the "RESET" button if GFCI protection has been compromised.

Dual function LED offers indication of line/load reversal & power availability.

GFCI Personnel Protection Devices

Commercial Grade GFCI Personnel Protection Devices

7599-HGI

1.70 (43.2)
4.21 (106.9)
3.28 (83.3)
2.70 (68.6)
1.13 (28.6)
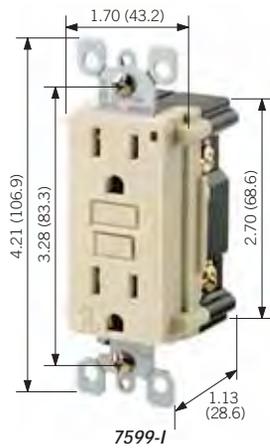
7599-I

1.70 (43.2)
4.21 (106.9)
3.28 (83.3)
2.70 (68.6)
1.13 (28.6)

Hospital Grade SmartLock*PRO* ® GFCI Receptacles — Back and Side Wired

15 AMP 125V at Receptacle, 20 AMP Feed-Through ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	7599-HG	I, W, A, G, R, T	5-15R
Duplex with LED Indicator Light, buttons match face color. DIN-Rail mounting with terminal wiring block. UL Recognized Component	7599-DIN	Black Only	

20 AMP 125V at Receptacle and Feed-Through ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	7899-HG	I, W, A, G, R, T	5-20R

Commercial Grade SmartLock*PRO* ® GFCI Receptacles — Back & Side Wired

15 AMP 125V at Receptacle, 20 AMP Feed-Through ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*	NEMA CONFIG.
Duplex, with Indicator Light, buttons match face color	7599	I, W, A, T, GY, E, R	5-15R
Duplex, with LED Indicator Light, Black & Red buttons. With 6" leads	7599-L	I, W (No Brown)	

20 AMP 125V at Receptacle and Feed-Through ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*	NEMA CONFIG.
Duplex, with Indicator Light, buttons match face color	7899	I, W, A, T, GY, E, R	5-20R
Duplex with LED Indicator Light, Black & Red buttons. With 6" leads	7899-L	I, W	

Combination Switch/ SmartLock*PRO* ® GFCI Outlet — Side Wired

15 AMP @ 125V AC Switch Rating, 15 AMP 125V at Receptacle, 20 AMP Feed-Through ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO.	COLOR* *No Brown*	NEMA CONFIG.
Single-Pole Switch and SmartLock GFCI-Protected Outlet, buttons match face color	7299	I, W, A	5-15R

Switch-Rated SmartLock*PRO* ® GFCI — Back and Side Wired

20 AMP 125V Feed-Through ⓊⓁ ⓈⓅ

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

GFCI Wallbox Extender ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Shallow Wallbox extender for GFCI	6197	I, W

TESTING AND CODE COMPLIANCE
- UL Standard 943 Class A (GFCI) and 498 (Receptacles)
- UL Listed (File # 48380)
- CSA (#LR-57811)
- 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)

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.

Commercial Grade GFCI Personnel Protection Devices

High Current SmartLock® GFCI — Back and Side Wired ⓊⓁ ⓈⓇ

DESCRIPTION	CAT. NO.	COLOR* *No Brown*
High Current GFCI Contact rating at GFCI: 20A 125V, load capability with 125V control relay: 80A @ 240V max.	8895	I, W, E

Note: The 8895 is wired in conjunction with a switching contactor or relay supplied by the customer. Each 8895 and contactor combination MUST be reviewed and approved by UL. Consult Leviton, Little Neck, for a list of combinations approved to date.

8895-W

Right Angle GFCI Plug ⓊⓁ ⓈⓇ

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Rated 15A-125V, Automatic Reset	16592†	Black	1-15P
Rated 15A-125V, Automatic Reset	16593†	Black	5-15P
Rated 20A-125V, Automatic Reset	16893†	Black	5-20P

† Wiring module accepts No. 18 (.300") thru No. 12 (.432") cord sizes

Waterproof Cover for Right Angle GFCI Plugs

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Waterproof Cover for Right Angle GFCI Plugs with ground pin up orientation	86593	Clear	

6594

Heavy Duty Right Angle GFCI Plug ⓊⓁ ⓈⓇ

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Rated 15A-125V, Automatic Reset	6593††	Black	5-15P
Rated 15A-125V, Manual Reset	6594††	Yellow	5-15P
Rated 20A-125V, Manual Reset	6893††	Black	5-20P
Rated 20A-125V, Automatic Reset	6894††	Yellow	5-20P

†† Wiring module accepts No. 18 (.300") thru No. 12 (.607") cord sizes

16593

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
- 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)

GFCI Personnel Protection Devices

Commercial Grade GFCI Personnel Protection Devices

66591-2C

6.70 (170.2)

2.50 (63.5)

Automatic Reset GFCI Cord Sets and Extension Cord — Black Body ⓊL ⓈP®

DESCRIPTION	CAT. NO.	LENGTH	NEMA CONFIG.	
15A-125V GFCI Cord Set	66591-2C	2 feet	5-15P	5-15R
15A-125V GFCI Cord Set	66591-6C	6 feet		
15A-125V GFCI Cord Set	66591-25C	25 feet		
15A-125V GFCI Cord Set, with Fluorescent Light	66591-WL	20 feet		
15A-125V GFCI Cord Set, Triple Outlet	66593-3	3 feet		
15A-125V Locking GFCI Cord Set	66597-3	3 feet	L5-15P	L5-15R
20A-125V GFCI Cord Set	66891-3	3 feet	5-20P	5-20R
20A-125V Locking GFCI Cord Set	66897-3	3 feet	L5-20P	L5-20R
15A-125V GFCI Extension Cord*	26591-37C	37 feet	5-15P	No Connector
15A-125V GFCI Cord Set	66591-2C	2 feet	5-15P	5-15R
15A-240V GFCI Extension Cord*	26592-E	35 feet	6-15P	No Connector
20A-240V GFCI Extension Cord*	36592-E	35 feet	6-20P	No Connector

Manual Reset GFCI Cord Sets — High Visibility Yellow Body ⓊL ⓈP®

DESCRIPTION	CAT. NO.	LENGTH	NEMA CONFIG.	
15A-125V	69591-3	3 feet	5-15P	5-15R
15A-125V	69591-25	25 feet		
Triple-tap, 15A-125V	69593-3	3 feet		
20A-125V	69891-3	3 feet	5-20P	5-20R
15A-125V, w/Wetguard® Plugs and Connectors	69591-W3	3 feet	5-15P	5-15R
15A-125V, w/Wetguard® Plugs and Connectors	69591-W25	25 feet		
20A-125V, w/Wetguard® Plugs and Connectors★	69891-W3	3 feet	5-20P	5-20R

*UL recognized component
CSA Certified except where indicated by ★

69591-W3

6.70 (170.2)

2.50 (63.5)

H

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	6196-V	Standard
Horizontal — Die-Cast Zinc	6196	Standard
Vertical — Die-Cast Zinc	6196-VFS	FS (Four Screws)
Horizontal — Die-Cast Zinc	6196-FS	FS (Four Screws)
Horizontal — Die-Cast Zinc	4990	Standard
Vertical — Die-Cast Zinc	4992	Standard
Horizontal — Plastic	4996	Standard
Vertical — Plastic	4998	Standard

3.30 (83.8)
6.59 (167.4)
3.75 (95.6)

5977-CL

Raintight While-In-Use Covers ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO.	COLOR
GFCI, Vertical Mount	5977-GY	Gray
GFCI, Vertical Mount w/Extra Deep Cover	5977-DGY	Gray
GFCI, Vertical Mount	5977-CL	Clear
GFCI, Vertical Mount w/Extra Deep Cover	5977-DCL	Clear
GFCI, Horizontal Mount	5997-GY	Gray
GFCI, Horizontal Mount w/Extra Deep Cover	5997-DGY	Gray
GFCI, Horizontal Mount	5997-CL	Clear
GFCI, Horizontal Mount w/Extra Deep Cover	5997-DCL	Clear

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**	PB101-SGF	50A, 125/250V	50A, 125/250V	6: L5-20R 1:L 6-30R
Power Distribution Box GFCI Protected Receptacles: (6) 20A/125V Locking, GFCI Protected (1) 30A/250V Locking, **Non-GFCI Protected**	PB101-000	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**	PB103-SGF	50A, 125/250V	50A, 125/250V	6: 5-20R 1: L6-30R
Power Distribution Box GFCI Protected Receptacles: (6) 20A/125V Straight Blade, GFCI Protected (1) 30A/250V Locking, **Non-GFCI Protected**	PB103-000	50A 125/250V	50A 125/250V	

22.00 (559.0)
12.0 (305.0)
16.0 (406.0)
12.0 (305.0)

PB101-SGF

Power Cords ⓊⓁ

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
50 ft. Temporary Power Cord w/Weather-Resistant 50A, 125/250 Plug & Connector	KRS-A9519	NON-NEMA
100 ft. Temporary Power Cord w/Weather-Resistant 50A, 125/250 Plug & Connector	KUS-A9519	

KRS-A9519

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

HOW TO USE THIS CATALOG

The L-101 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-101 Catalog can be clearly copied or faxed to customers and prospects for use as a specifier 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.

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

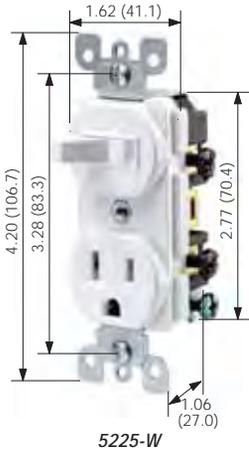# Combination Devices

INDEX

LEVITON®

15 and 20 AMP 120V and 120/277V

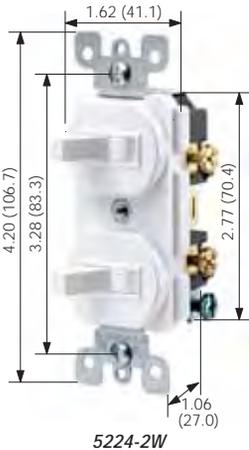## Commercial Grade AC Combination Devices

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.
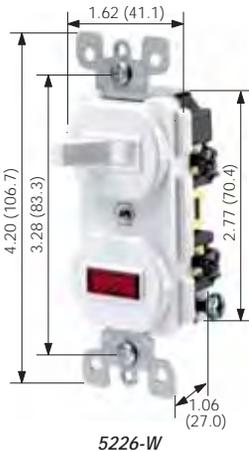
The following pages provide a detailed listing of the complete line of Leviton combination devices.

1.62 (41.1)

4.20 (106.7)
3.28 (83.3)
2.77 (70.4)
1.06 (27.0)

5225-W

1.62 (41.1)

4.20 (106.7)
3.28 (83.3)
2.77 (70.4)
1.06 (27.0)

5224-2W

1.62 (41.1)

4.20 (106.7)
3.28 (83.3)
2.77 (70.4)
1.06 (27.0)

5226-W

Combination Devices†

15 AMP ⓊⓁ ⒸⓈⒶ

DESCRIPTION	RATING	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Two Single-Pole Switches (Non-Grounding)	15A–120/277V AC	**5224**	I, W
Two Single-Pole Switches	15A–120/277V AC	**5224-2**	I, W, A, T
Single-Pole Switch/Receptacle	Switch: 15A–120V AC Receptacle: 15A–125V	**5225**	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/ Single-Pole Switch	15A–120/277V AC	**5241**	I, W, A, T
Two 3-Way Switches	15A–120/277V AC	**5243**	I, W, A, T
3-Way Switch/Receptacle	Switch: 15A–120V AC Receptacle: 15A–125V	**5245**	I, W
3-Way Switch/Pilot Light	Switch: 15A-120V AC Pilot light: 1/25W-125V AC	**5246**	I, W

20 AMP ⓊⓁ ⒸⓈⒶ

DESCRIPTION	RATING	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Two Single-Pole Switches	20A–120/277V AC	**5334**	I, W
Single-Pole Switch/Receptacle	Switch: 20A–120V AC Receptacle: 20A–125V	**5335**	I, W, E
Single-Pole Switch/Pilot Light	Switch: 20A–120V AC Pilot Light: 1/25W–125V AC	**5336**	I

† All devices are grounded except where noted.

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

Commercial Grade AC Combination Devices

Decora® Combination Devices

15 AMP Ⓤ Ⓢ

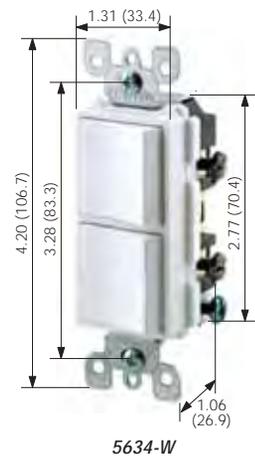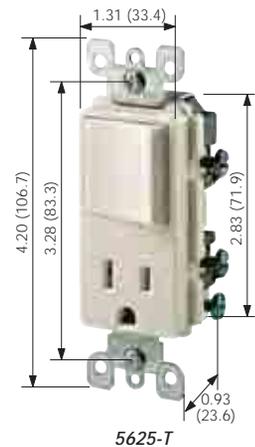| DESCRIPTION	RATING	CAT. NO.	COLOR*
Two Single-Pole Switches	15A-120/277V AC	**5634**	I, W, A, T, GY, E
Single-Pole Switch/Receptacle	Switch: 15A–120V AC Receptacle: 15A-125V	**5625**	I, W, A, T, GY, E
Single-Pole Switch/Pilot Light	Switch: 15A–120V AC Pilot: 1/25W–125V AC	**5626**	I, W, A
3-Way Switch/Single-Pole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

5625-T

20 AMP Ⓤ Ⓢ

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

5634-W

- 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) and Black (-E).

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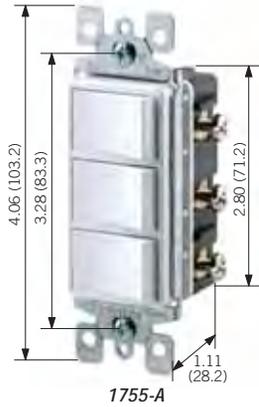
15A	20A
1/2 @120V	1 @ 120V
2 @ 240V	2 @ 240V

MATERIAL CHARACTERISTICS

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

AC Combination Devices

Commercial Grade AC Combination Devices

Decora® Combination Switches

Individual Switches: 15 AMP 120V/Device Total: 20 AMP-120V ⓊⓁ ⓈⓅ·†

DESCRIPTION	CAT. NO.	COLOR*
Dual Rocker Switches with Ground Screw	1754-2	I, W, A, T
Illuminated Dual Rocker Switches light is ON when top rocker is OFF	1754-IL	I, W, A
Three Rocker Switches with Ground Screw	1755-2	I, W, A, T
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**.

1755-A

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

Receptacle: 15 AMP 125V/Feed-through: 20 AMP 125V
Switch Rating: 15 AMP, 1800 WATTS @ 120V AC ⓊⓁ ⓈⓅ·

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Switch and SmartLock*PRO*® GFCI-Protected Outlet with Indicator Light	7299	NI, NW, NA

7299-NI

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*PRO*® GFCI Receptacle replaces standard switch/outlet combination devices in commercial or residential installations
- Space-saving SmartLock*PRO*® GFCI protection in new or retrofit construction
- Switch/SmartLock*PRO*® GFCI Receptacle permits multiple wiring options that allow six different applications

SmartLock*PRO*® GFCI

- Meets or exceeds UL 2006 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*PRO*® 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 Index

LEVITON®

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.

Entertainment products built into the home should have no compromises — in quality, performance, reliability or value. That's why Leviton offers a wide variety of state-of-the-art residential entertainment products that represent today's most advanced audio/video technologies, including indoor and outdoor speakers, on-wall home theater systems, A/V entertainment center products, controls and distribution components.

Structured Media Components
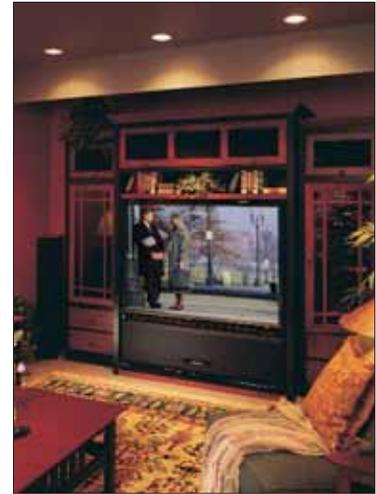
47605-140 Panel Enclosure with Cover

Series 140 Panel Premium Hinged 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

Dimensions:
Enclosure: 14.38"H x 14.38"W x 3.60"D
Cover: 16.10"H x 16.10"W

Materials: White, powder-coated enclosure (20 gauge steel), cover (18 gauge steel)

Standards Compliance: 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**
Series140 Enclosure only (6 per pack)	**47605-14G**
Series 140 Flush Mount Cover (6 per pack)	**47605-14B**

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 ¾" 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 Components

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 enclosure (20 gauge steel), cover (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	**47605-28W**
Series 280 Enclosure, only	**47605-28N**
Series 280 Flush-Mount Cover	**47605-F28**
Series 280 Hinged Cover–Economy	**47605-28D**
Series 280 Hinged Cover–Premium	**47605-28P**
Series 280 Enclosure, only (3 per pack)	**47605-28G**
Series 280 Flush-Mount Cover (3 per pack)	**47605-28B**
Series 420 Enclosure and Flush-Mount Cover, empty	**47605-42W**
Series 420 Enclosure, only	**47605-42N**
Series 420 Flush-Mount Cover	**47605-F42**
Series 420 Hinged Cover–Economy	**47605-42D**
Series 420 Hinged Cover–Premium	**47605-42P**
Lock and Key for Structured Media Centers	**5L000-LOK**

Series 280 Premium Hinged Cover

Series 420 Premium Hinged Cover

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 $\frac{1}{4}$, $\frac{1}{2}$ 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 $\frac{3}{4}$" 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

Extender Brackets

• 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	
Dimensions:	24"H x 14"W x 6"D
Materials:	Powder-coated 18 gauge steel with ³⁄₈" plywood backing
Standards Compliance:	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 facillitate 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.

Structured Media Components

Structured Media Components

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

Dimensions: (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
Materials:	ABS molded plastic
Standards Compliance:	UL94 VO flame-retardant fire rating

Compact Structured Media Enclosure for MDU's

DESCRIPTION	CAT. NO.
Compact Structured Media Enclosure and Cover, empty	**47605-MDU**
MDU Kit (Compact Structured Media Enclosure & Cover plus 1x6 Telephone Expansion Board)	**47604-F6**
MDU Kit (Compact Structured Media Enclosure & Cover plus 1x6 Telephone Expansion Board and 6-Way Splitter)	**47604-F6S**

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
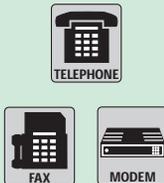
Pre-Configured Structured Cabling Panels

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.
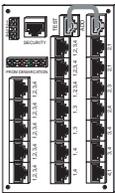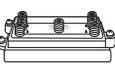
COMPONENTS	APPLICATION	FEATURES	AVAILABLE AS
1x9 Bridged Telephone Board — Basic telephone distribution	TELEPHONE / FAX / MODEM	• Bridge up to 4 telephone lines to 9 locations • Connect up to 9 separate telephones per line • Printed circuit board module • 4-pair 110-type IDC punchdowns	• Part of a Pre-configured Panel • Stand-alone module with bracket • Expansion board without bracket
Category 5e Voice & Data Board — Basic home networking	DATA / TELEPHONE / FAX / MODEM	• Patch phone or data connections to 6 locations • Combine with a TLDM, key system, or network hubs for additional applications • Printed circuit board module • 4-pair 110-type IDC punchdowns and 6 CAT 5e RJ-45 ports	• Part of a Pre-configured Panel • Stand-alone module with bracket • Expansion board without bracket
Category 6 Voice & Data Board — Basic home networking	DATA / TELEPHONE / FAX / MODEM	• Patch phone or data connections to 6 locations • Combine with a TLDM, key system, or network hubs for additional applications • Printed circuit board module • 4-pair 110-type IDC punchdowns and 6 CAT 6 RJ-45 ports	• Part of a Pre-configured Panel • Stand-alone module with bracket • Expansion board without bracket
Telephone Patching Board — Expanded 4-line telephone distribution	TELEPHONE / FAX / MODEM	• Bridge up to 4 telephone lines to 7 locations • Printed circuit board module • One incoming 4-pair 110-type IDC punchdown and 7 outgoing RJ-45 jack connections • Combine with a Category 5e Board to route telephone to remote locations	• Part of a Pre-configured Panel • Expansion board without bracket
Telephone Security Board — Route simple telephone with security interface	TELEPHONE / FAX / MODEM	• Bridge up to 4 telephone lines to 6 locations • Connect up to 6 separate telephones per line • Connect to security system • Printed circuit board module • 4-pair 110-type IDC punchdowns	• Stand-alone module with bracket
DSL Filter Board — Filters DSL signal from telephone line	TELEPHONE / MODEM	• Filters DSL signal from phone line before distribution throughout a home or office. • Eliminates need for individual filters at each wallplate. • Use with any phone distribution module. • Printed circuit board module with RJ-45 jack and 110 punchdowns	• Stand-alone module with bracket • Expansion board without bracket

Structured Media Components

LEVITON®

Structured Media Components

Panel Components and Expansion Boards (continued)

Pre-configured Panels are assembled at the factory and will contain one or more of the following distribution modules.

COMPONENTS	APPLICATION	FEATURES	AVAILABLE AS
Telephone Line Distribution Board (TLDM) Enhanced telephone distribution	TELEPHONE / FAX / MODEM	• 19 multi-line telephone connections in combinations of 2 or 4 lines • Bridge "Line 1" service to 12 locations and 4-line service to 8 locations • Connect to CAT 5e Voice & Data Board(s) or additional panels for more connections and easier adds/moves/changes • Independent RJ-45 jack and punchdown security interface to accommodate alarm systems	• Part of a Pre-configured Panel ONLY • Expansion board with bracket
4x12 Telephone Distribution Board	TELEPHONE / FAX / MODEM	• Fits easily into any Leviton Structured Media enclosure, or can be used as a stand-alone unit. • Distribute up to 4 telephone lines through 12 telephone connections • Links with other distribution boards, modules, or panels to expand the system • 12 modular RJ-45 jack outputs. • 4-pair 110 type IDC inputs.	• Part of a Pre-configured Panel ONLY
Video Splitters Basic video distribution	VIDEO	• Cable TV or off-air antenna signals • 4-way or 6-way RF Splitter • Die-cast housing • Available in 1GHz and 2GHz models	• Part of a Pre-configured Panel • Stand-alone module with bracket

Pre-configured Structured Cabling Panels—Full Width

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.

47606-BTV

47606-BNP

47606-AHT

DESCRIPTION	CAT. NO.	CONSISTS OF
Basic Telephone and Video Panel (BTV)	**47606-BTV**	• (1) 1x9 Bridged Telephone Board • (1) 6-way 2GHz Video Splitter • Bridge up to 4 telephone lines to 9 locations • Route video to 6 locations
Basic Home Networking Plus Panel (BNP)	**47606-BNP**	• (1) Telephone Patching Board • (1) Category 5e Voice & Data Module • (1) 6-way 2GHz Video Splitter • 6 4-line telephone connections • Route video to 6 locations • Patch data or telephone service to 6 remote locations • Comes with 6 8-inch 8p8c Flat Patch Cords
Advanced Home Telephone & Video Panel (AHT)	**47606-AHT**	• (1) Telephone Line Distribution Module • (1) Category 5e Voice & Data Board • (1) 6-way 2GHz Video Splitter • 19 multi-line telephone connections (in various combinations of 2 or 4 lines) • Route video to 6 locations • Patch data or telephone service to 6 remote locations • Comes with 6 8-inch 8p8c Flat Patch Cords

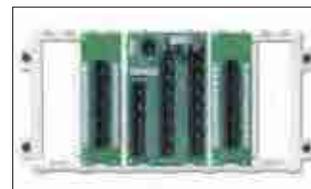*Full-width panel dimensions: 6.25"H x 13.06"W x 2.50"D*
For detailed features and dimensions, please consult individual specification sheets at www.leviton.com

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

DESCRIPTION	CAT. NO.	CONSISTS OF
Advanced Home Office Panel	47606-ASO	• (1) Telephone Line Distribution Module • (2) Category 5e Voice & Data Boards • (1) 6-Way 2GHz Video Splitter • (1) 19 multi-line telephone connections (in various combinations of 2 or 4 lines) • Route video to 6 locations • Patch data or telephone service to 6 remote locations • Comes with (6) 8-inch 8p8c Flat Patch Cords
12-Port Structured Media Panel (12P)	47603-12P	• (1) Telephone Line Distribution Module • (2) Category 5e Voice & Data Boards • 19 multi-line telephone connections (in various combinations of 2 or 4 lines) • Patch data or telephone service to 12 remote locations • Comes with 12 8-inch 8p8c Flat Patch Cords
18-Port Structured Media	47603-18P	• (1) Telephone Line Panel (18P)Distribution Module • (3) Category 5e Voice & Data Boards • 19 multi-line telephone connections (in various combinations of 2 or 4 lines) • Patch data or telephone service to 18 remote locations • Comes with 18 8-inch 8p8c Flat Patch Cords
24-Port Structured Media Panel (24P)	47603-24P	• (1) Telephone Line Distribution Module • (4) Category 5e Voice & Data Boards • 19 multi-line telephone connections (in various combinations of 2 or 4 lines) • Patch data or telephone service to 24 remote locations • Comes with 24 8-inch 8p8c Flat Patch Cords
4 x 12 Telephone Distribution Panel	47603-12M	• (1) 4 x 12 Telephone Dist. Board • Handles up to 4 telephone lines through 12 connections
4 x 12 Telephone Distribution Panel w/ Splitter	47603-412	• (1) 4 x 12 Telephone Dist. Board • (1) 8-way 2GHz Video Splitter • Handles up to 4 telephone lines through 12 connections • Features output for up to 8 video connections
4 x 18 Telephone Distribution Panel	47603-18M	• (1) 4 x 18 Telephone Dist. Board • Handles up to 4 telephone lines through 18 connections
4 x 18 Telephone Distribution Panel w/CAT 5e Board	47603-8C1	• (1) 4 x 18 Telephone Dist. Board • (1) Category 5e Voice & Data Module • Handles up to 4 telephone lines through 18 connections • Provides voice and data service to 6 remote locations via CAT 5e voice and data boards

Full-width 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.leviton.com
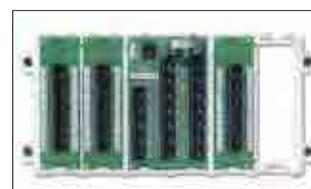

47606-ASO

47603-12P

47603-18P
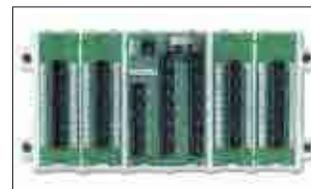
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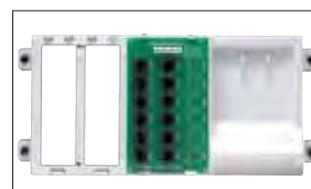
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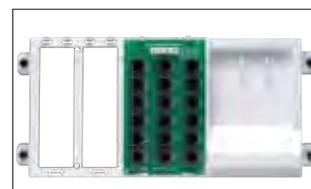
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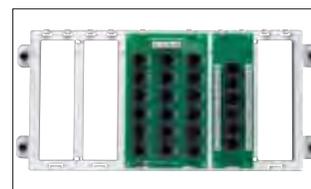
47603-8CI

Structured Media Components

47603-1G4

47603-1G6

47603-TSV

47603-1G8

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
Telephone & 4-Way Video	47603-1G4	• (1) 1x9 Bridged Telephone Board • (1) 4-way 1GHz Video Splitter • Bridge up to 4 telephone lines to 9 locations • Route video to 4 locations
Telephone & 6-Way Video	47603-1G6	• (1) 1x9 Bridged Telephone Board • (1) 6-way 1GHz Video Splitter • Bridge up to 4 telephone lines to 9 locations • Route video to 6 locations
Telephone Security & 6-Way Video	47603-TSV	• (1) Telephone Security Board • (1) 6-way 1GHz Video Splitter • Bridge up to 4 telephone lines to 6 locations • RJ-45 Port for Security Interface • Route video to 6 locations
Telephone & 8-Way Video	47603-1G8	• (1) 1x9 Bridged Telephone Board • (1) 8-way 1GHz Video Splitter • Bridge up to 4 telephone lines to 9 locations • Route video to 8 locations

Compact panel dimensions: 6.5"H x 6.5"W
For detailed features and dimensions, please consult individual specification sheets at 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
Category 6 Voice and Data Module	47616-C6B
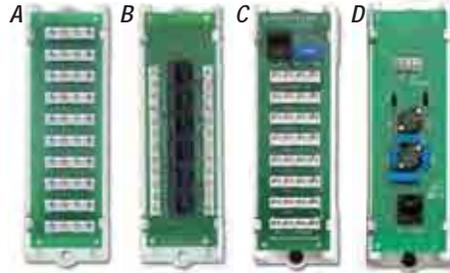
Expansion Boards

DESCRIPTION	CAT. NO.
E–1x9 4-Line 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–1x5 4-Line Bridged Phone w/Data Pass Through Expansion Board	47609-D5P
J–1x4 4-Line Bridged Phone and 4-Port CAT 5e Expansion Board	47609-4DP
K–1x4 Bridged Phone Board	47609-004
L–Category 5e Voice and Data Expansion Board	47603-C5
Category 6 Voice and Data Expansion Board	47611-C6
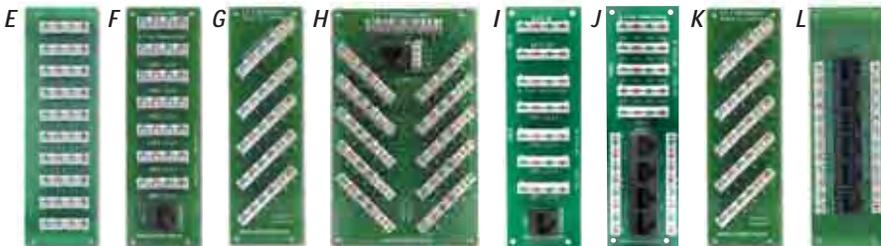
Expansion Boards

DESCRIPTION	CAT. NO.
M–Telephone Patching Expansion Board	**47609-EMP**
N–DSL Filter Board	**47616-DSF**
O–Telephone Line Distribution Module and 19 Multi-Line Connections (in various combinations of 2 or 4 lines) Board	**47603-TDM**
P–4x12 Telephone Distribution Board	**47603-12B**
Q–4x18 Telephone Distribution Board	**47603-18B**
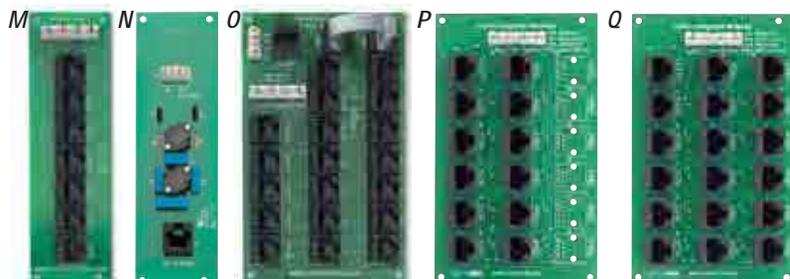
Plastic Mounting Brackets for Leviton Structured Media Centers

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.

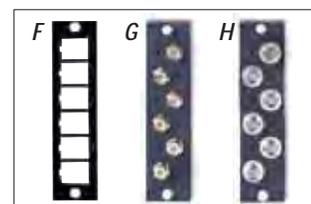| DESCRIPTION	CAT. NO.
A–Single Plastic Bracket for mounting a single Leviton phone, data, security or DSL Filter Expansion Board in a Leviton Series 140, 280 or 420 Structured Media Center	**47612-SBK**
B–Expansion Plastic Bracket for mounting up to five Leviton phone, data, security or DSL Filter Expansion Boards in a Leviton Series 140, 280 or 420 Structured Media Center	**47612-EBK**
C–Half Plastic Bracket for mounting up to 3 Leviton Phone, Data, Security or DSL Filter Expansion Boards in Series 140, 280 or 420 SMC	**47612-HBK**
D–Data Plastic Bracket for mounting switches, routers, and modems within a Leviton Series 140, 280 or 420 Structured Media Center	**47612-DBK**
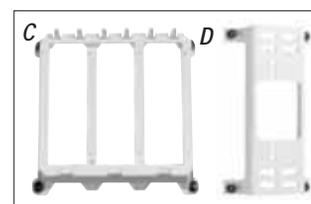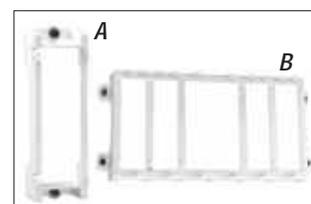
Multimedia Adapter Bracket and Mounting Plates

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.
E–Multimedia Bracket	**47612-MMA**
F–BNC Mounting plate, 6-pack, loaded	**5F100-BNC**
G–F-Connector Mounting plate, 6-pack, loaded	**5F100-6VF**
H–QuickPort Mounting plate, 6-pack, unloaded	**5F100-6QP**

Accessories

DESCRIPTION	CAT. NO.
8-Conductor Flat Telephone Patch Cord, 8" long ((1 each)	**42400-8FG**

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 Components

Structured Media Components

A

B

C

F

E

D

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.
A–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	**47612-6SB**
B–12" Universal Security Bracket. Comes a set of two12"–long, 1"–wide brackets with self-tapping screws and spacers for mounting within Leviton's Series 140, 280 or 420 Structured Media Centers	**47612-1SB**
C–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	**47612-UBK**
D–Half-Width Universal Security Plate. Comes with a 6" long plate with four adhesive clips for mounting with Leviton's Series 140, 280 or 420 Structured Media Centers	**47612-HSB**
E–Full-Width Universal Security Plate. Comes with a 12" long plate with four adhesive clips for mounting with Leviton's Series 140, 280 or 420 Structured Media Centers	**47612-FSB**
F–Combo Bracket is designed to accommodate Leviton products to be installed in most structured wiring enclosures on the market	**47612-CBK**

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

Combo Bracket

• Allows Leviton products to be installed in most non-Leviton structured wiring enclosures

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.
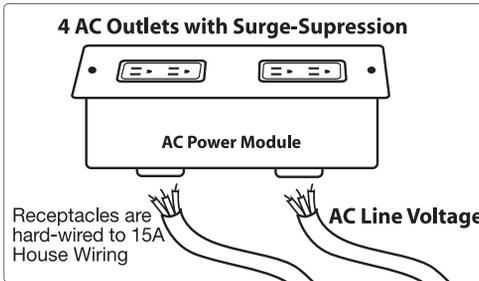
AC Power Modules for 280 and 420 Series Structured Media Enclosures

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**

Cat. No. 47605-DP
Surge AC Power Module

4 AC Outlets with Surge-Supression

AC Power Module

Receptacles are hard-wired to 15A House Wiring

AC Line Voltage

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**

47605-ACN Non-Surge J-Box Kit

47605-PSB, 47605-PSA
Universal Mini DC Power Supplies

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

Structured Media Components

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.

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

3950-BKT

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	**Beige—5951-SA** **Gray—5951-SAT** **Ice—5951-SAC**
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	**Beige—5952-ET** **Gray—5952-ETH**
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	**Beige—5953-PC** **Gray—5953-PCG** **Ice—5953-PCC**
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	**Beige—5954-AT4** **Gray—5954-PT4** **Ice—5954-CT4**
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	**Beige—5955-DT** **Gray—5955-DTG**
Cat. 5 Ethernet Module Two RJ45 Connectors with Ground Pin for Ethernet - Cat. 5	**Beige—5957-OCS** **Grey—5957-C5G**
Two Line Telephone Module One Input, One Output RJ11 Connector for 4-Wire POTS	**Beige—5958-AT4** **Grey—5958-PT4**
Four Line Telephone Module One Input, One Outpupt RJ45 Connector for 8-Wire POTS	**Beige—5959-BT8** **Grey—5959-GT8**
Surge Module Bracket	**3950-BKT**

TESTING AND CODE COMPLIANCE				
CAT. NO.	**MCOV (VDC)**	**CLAMPING VOLTAGE (VDC)**	**TESTED TO**	**MEET STANDARDS**
5951	60	388	UL 452	ANSI/IEEE
5952	16.6	23	UL497B	C-62.36
5953	60	388	UL452	
5954	288	715	UL497A	CSA
5955	205	210	UL497A	(#LR-94773)
5957	16.6	23	UL497B	
5958	288	715	UL497A	
5959	288	715	UL497A	

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

Input:	110V AC
Output:	Provides 13V DC power for up to 6 devices 1500mA
Compliance (Surge model only):	UL 1449
Dimensions:	6.58"H x 2.5"W x 1.5"D
Wire Gauge:	Up to 12 gauge

DC Power Distribution Module

DESCRIPTION	CAT. NO.
DC Power Distribution Module	**48212-ODC**

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.

Cat No. 47611-GT4
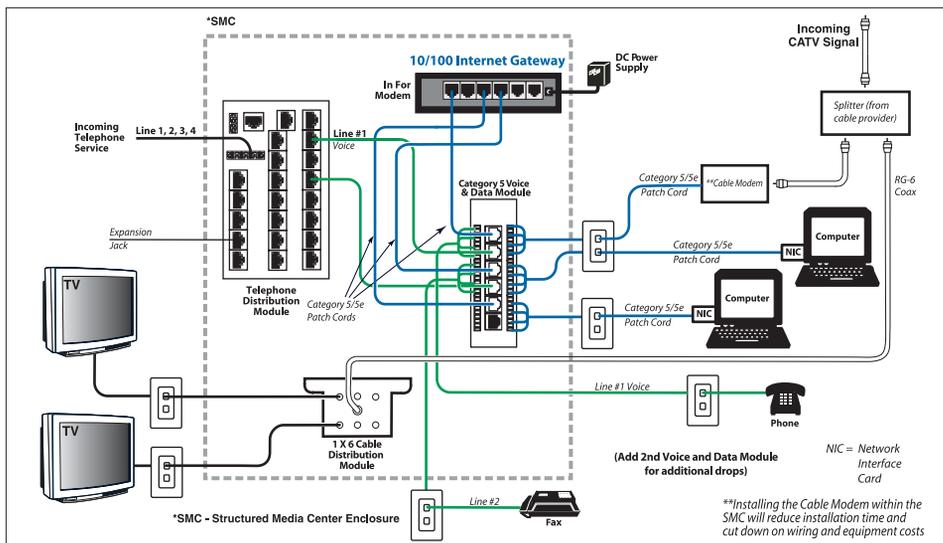**10/100Mbps Internet Gateway Router**

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" x3.92" x 1.05"
Standards Compliance	IEEE 802.3 10 Base-T Ethernet IEEE 802.3u 100 Base-TX Fast Ethernet, and FCC Class B	

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**

47611-5PT

47611-8PT

Cable Distribution—Modem Outside the Structured Media Center

*SMC
10/100 Internet Gateway
DC Power Supply
In For Modem
Incoming Telephone Service
Line 1, 2, 3, 4
Line #1 Voice
Incoming CATV Signal
Expansion Jack
Category 5 Voice & Data Module
Splitter (from cable provider)
Category 5/5e Patch Cord
**Cable Modem
RG-6 Coax
Category 5/5e Patch Cord
NIC
Computer
TV
Telephone Distribution Module
Category 5/5e Patch Cords
Category 5/5e Patch Cord
NIC
Computer
Line #1 Voice
Phone
TV
1 X 6 Cable Distribution Module
NIC = Network Interface Card
(Add 2nd Voice and Data Module for additional drops)
*SMC - Structured Media Center Enclosure
Line #2
Fax
**Installing the Cable Modem within the SMC will reduce installation time and cut down on wiring and equipment costs

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

Structured Media Components

47693-ESM

47693-GSM

47693-3BY

47693-G3Y

CATV 1GHz 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 CATV 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. Choose from one or three-input models; both come with 8 outputs. One and three-input models come in both nickel-plated and gold-plated connector versions.
Dimensions: 3.50"H x 6.50"W x 3.20"D, Connector: F-Type, Impedance: 75 Ohm, Power Input: 12 VDC, 500 mA (1x8 & 3x8).
Not for use in-line between Ï satellite dish (LNB) and DBS satellite TV receiver.

1x8 CATV Distribution Modules (1GHz)

Parameter	Bandwidth	Forward Path	Return Path
Band	- -	52-1000Mhz	5-42Mhz
Gain (Loss)	- -	4dB	(-0.5dB)
Flatness	- -	±0.75dB	±1.5dB
Return Loss – Input	- -	22.0dB	21.0dB
Return Loss – Output	- -	22.0dB	21.0dB
Port Isolation – Output	- -	25.0dB	27.0dB
Group Delay (span 3.58Mhz)	54-60Mhz	15ns	- -
	61-1000Mhz	7ns	- -
Group Delay (span 1Mhz)	5-42 MHz	- -	17ns
	10-40 MHz	- -	10ns
Power to RF Input Isolation	5-1000 MHz	100dB (min)	
RFI Isolation	5-1000 MHz	-110dBc	
Noise Figure	5-1000 MHz	3.5dB	
	CSO	-65dBc	
Distortions*	CTB	-74dBc	
	Xmod	-75dBc	

* Input level at +10dBmV flat 77 channels & 200Mhz noise for QAM test from 550 to 790Mhz
Operating Temperature: -40ºC to +60 ºC

3x8 CATV Distribution Modules (1GHz)

Parameter	Bandwidth	Forward Path	Return Path
Band	- -	52-1000Mhz	5-42Mhz
Gain (Loss)	- -	3.5dB	(-11.0dB)
Flatness	- -	±1.0dB	±1.5dB
Return Loss – Input	- -	22.0dB	21.0dB
Return Loss – Output	- -	20.0dB	21.0dB
Port Isolation – Output	- -	25.0dB	25.0dB
Group Delay (span 3.58Mhz)	54-60Mhz	15ns	- -
	61-1000Mhz	7ns	- -
Group Delay (span 1Mhz)	5-42 MHz	- -	17ns
	10-40 MHz	- -	10ns
Power to RF Input Isolation	5-1000 MHz	100dB (min)	
RFI Isolation	5-1000 MHz	-110dBc	
Noise Figure	5-1000 MHz	6.5dB	
	CSO	-65dBc	
Distortions*	CTB	-74dBc	
	Xmod	-75dBc	

* Input level at +10dBmV flat 77 channels & 200Mhz noise for QAM test from 550 to 790Mhz
Operating Temperature: -40ºC to +60 ºC

CATV Distribution Modules

DESCRIPTION	CAT. NO.
1x8 CATV Module, 1 GHz, Nickel-plated Connectors	**47693-ESM**
1x8 CATV Module, 1 GHz, Gold-plated Connectors	**47693-GSM**
3x8 CATV Module, 1 GHz, Nickel-plated Connectors	**47693-3BY**
3x8 CATV Module, 1 GHz, Gold-plated Connectors	**47693-G3Y**

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**

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.

CATV Signal In — Amplified Signal Out

DC Power Supply

Video Amplifier Module

Out to Televisions

TV

Video Splitter

Structured Media Components

LEVITON®

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.

1 GHz Modules

1 GHz Video Splitters

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
	47690-G4	1.65"H x 3.34"W x 1.14"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
	47690-G6	2.64"H x 3.34"W x 1.14"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
	47690-G8	2.64"H x 3.34"W x 1.14"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 for SMC 140, 280, 420 (2 GHz)	**47690-4C2**
1x4 Passive Video Splitter For Compact Structured Media Enclosure (2GHz)	**47690-G4**
1x6 Passive Video Splitter Module for SMC 140, 280, 420 (2 GHz)	**47690-6C2**
1x6 Passive Video Splitter For Compact Structured Media Enclosure (2GHz)	**47690-G6**
1x8 Passive Video Splitter Module for SMC 140, 280, 420 (2 GHz)	**47690-8C2**
1x8 Passive Video Splitter For Compact Structured Media Enclosure (2GHz)	**47690-G8**

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 GHz units provide lowest conductive resistance.

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.

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.

SPECIFICATIONS 3x4 Multi-Switch	CAT. NO. 47691-3MS
Dimensions:	4.77"H x 6.58"W x 2.37"D
Frequency:	Terrestrial: 40-860 MHz Satellite: 950-2150 MHz Receiver Output: 40-2150 MHz
Connectors:	F-type, 75 Ohms
LNB Input Selection:	LNBA: 13/14VDC LNBB: 17/18VDC
Insertion Loss (typical):	Terrestrial: -7dB Satellite: -3dB
Return Loss (typical):	Terrestrial: -10dB Satellite: -10dB
Isolation (typical):	Output to Opposite Input -22dB
DC Power Passing:	500ma (max.)

SPECIFICATIONS 5x8 Multi-Switch	CAT. NO. 47691-5MS
Dimensions:	7.14"H x 13.25"W x 2.33"D
Frequency:	Terrestrial: 54-806 MHz Satellite: 950-2150 MHz Receiver Output: 54-2150 MHz
Connectors:	F-type, 75 Ohms
LNB Input Selection:	13/18VDC or 22kHz tone
Insertion Loss (typical):	Terrestrial: -2dB Satellite: -5dB
Rejection:	Satellite-Terrestrial: 30dB Terrestrial-Satellite: 20dB Receiver-Receiver: 30dB
Switching Isolation:	Terrestrial: N/A Satellite: 30dB
Noise Figure:	Terrestrial: 5dB Satellite: 4.8dB
Max. Current to LNBs:	500mA
DC Power:	24VDC, 600mA

DESCRIPTION	CAT. NO.
3x4 Multi-Switch	**47691-3MS**
5x8 Multi-Switch	**47691-5MS**

Structured Media Components

J

18

Leviton Video Monitoring System

Leviton's easy-to-install, high-resolution color video cameras only require one CAT 5e cable for video and power connections, both of which are supplied by a Camera Hub in the SMC. The Camera Hub installs in a single Leviton bracket space in the SMC and the cameras mount with only two screws on a low voltage ring (Indoor Camera) or outdoor electrical box (Outdoor Camera). Standard 110 IDC terminations and 8P8C jacks make the UTP cable connections quick, simple and reliable. Indoor Camera fits in a Decora style wallplate and comes with clear and tinted lens covers. The Outdoor Camera provides 0 Lux operation with IR illumination.

The Leviton IP/Quad Module enables users to view a full-screen single Indoor or Outdoor camera view or multiple cameras, up to four at once in the same "quad" view, on one or more TV sets in the home, or via the Internet from any location using an Internet browser on a PC. Mount s directly in SMC with integral mounting bracket.

Video Monitoring System Components

DESCRIPTION	CAT. NO.
Indoor Color Camera	VSIND-OSC
Outdoor Color Camera	VSOUT-OOW
Camera Hub	VSHUB-000
IP/Quad Module	VSQIP-000

VSIND-OSC

VSOUT-OOW

VSHUB-000

VSQIP-000

Structured Media Components
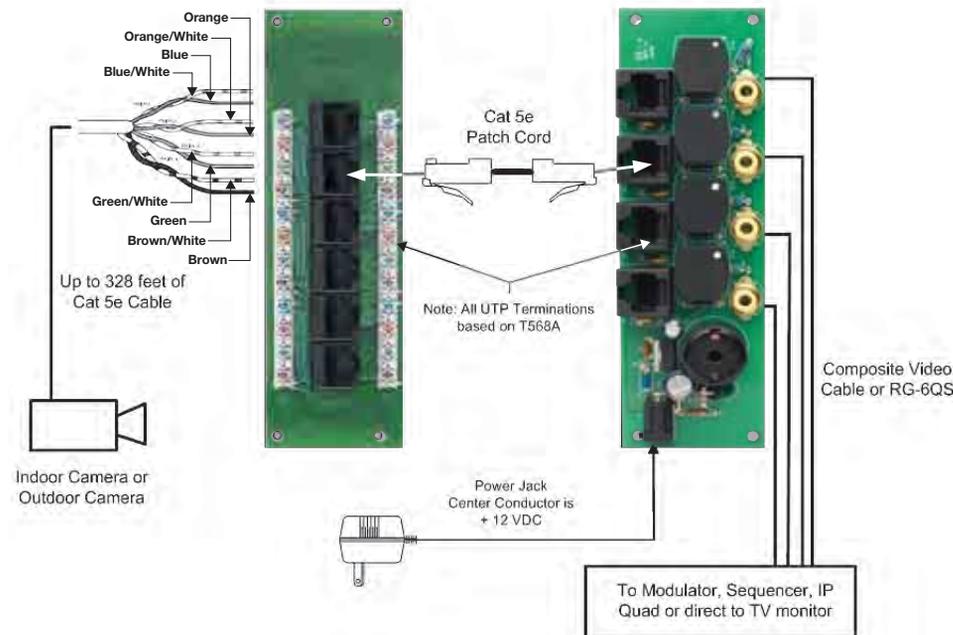
SPECIFICATIONS AND FEATURES

Camera Hub
- Powers camera engines over UTP connection up to 100 meters

Indoor Camera
- Includes balun for clear video over UTP cable
- Includes 15VDC input power terminals for separate power cable where UTP run exceeds 100 meter limit
- Internal strap allows viewing angle adjustment
- Fits standard Decora plate with snap-in clear or smoked inserts

Outdoor camera
- Auto-on infrared LEDs for B&W video images in zero Lux conditions
- Includes balun for clear video over UTP cable

- Includes 15VDC input power terminals for separate power cable where UTP run exceeds 100 meter limit
- Mounts via special single-gang wallplate.
- Ball-joint strut allows 360º rotation and +/- 90º tilt viewing angle adjustment

IP/Quad Module
- Mounts directly to the SMC with integral mounting bracket
- Enables user to view Indoor and Outdoor Cameras on one or more TV sets in the home or via the Internet from any location using an Internet browser on a PC
- Easy browser setup and control of all cameras, including camera name, sensitivity, brightness, contrast, saturation, hue, and single or multiple camera display mode

Structured Media Components

48213-VMA

- RCA video and audio inputs.
- F-Connector output: 14-69 UHF; 70-94, 100-125 CATV.
- 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

Dimensions:	3.2"H x 2.25"W x 1"D
Inputs:	RCA video, RCA audio inputs
Outputs:	1 F-connector for RF signal
Operational channels:	14-69 UHF; 70-94, 100-125 CATV
Bandwidth:	50MHZ-860MHZ
Power:	12V DC 400mA

Media Center Modulator

DESCRIPTION	CAT. NO.
Media Center Modulator	**48213-VMA**

48213-CVS

- 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

Dimensions:	7.4"H x 4.75"W x 2"D
Power:	12 VDC @ 300mA
Inputs:	Four RCA video; Eight RCA left/right audio
Outputs:	2 RCA video and 4 RCA left/right audio
Time interval:	1-30 seconds, variable/adjustable
Signal to Noise Ratio:	<1.2dB
Bandwidth:	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

48213-BMC

SPECIFICATIONS

Dimensions:	Base 5.5" x 4.5"
Power:	12 VDC, 300mA
Output Connection:	F-Connector, 75 Ohm
Camera Lens:	3.6 mm
Resolution:	350+ lines
Minimum Illumination:	0.7 lux
Output Level:	27 dBmV
Output Frequency:	UHF 14-69, CATV 70-94, 100-125
Cable Type:	RG 59, RG6 or better

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.

47690-NFA

SPECIFICATIONS

Dimensions/Weight:	3"L x .9"W – 2lbs
Type:	Passive RF filter
Bandwidth:	CATV channels 75-80
Input:	Female F-connector
Output:	Male F-connector

RF Notch Filter

DESCRIPTION	CAT. NO.
RF Notch Filter	**47690-NFA**

Structured Media Components

Structured Media Components

A

C, D, E
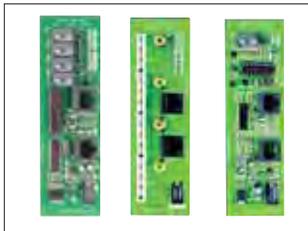
F, G, H

RESIDENTIAL INTERCOM SYSTEM

Leviton brings the home intercom into the 21st century with the introduction of its new Residential Intercom system for Structured Media™ installations. Available as a series of easy-to-install components, the Residential Intercom system is designed to incorporate easily into the category 5-based modular structured wiring systems that have become a standard feature of today's high-tech homes.

DESCRIPTION	CAT. NO.
A-Intercom Kit (includes Main Controller Board, 1 Interface Board on a bracket with 1 Outdoor station	47000-MKB
B-Main Controller Board	47000-00M
C-Outdoor Station (Brushed nickel finish)	47000-0D1
D-Indoor Station (White)	47000-0W1
E-Indoor Station (Black)	47000-0E1
F-Door Strike Module	47000-STR
G-Interface Board with 4 additional ports	47000-PRT
H-Door Chime Module	47000-CHM

47000-MKB includes Main Controller Board and Bracket with one Outdoor Station and Interface Board. No additional products are required for communication over the telephone. Simply run a single Cat5e cable from the SMC to each additional wall station, if desired.

From Test port on TLDM

Dry contact input. Do not apply voltage here.

To second Station Interface Board or auxiliary module if used.

TELC
O loop Output/
Aux

Leviton Station Interface Board
Zone 1
Zone 2
Zone 3
Zone 4

Call button

SPECIFICATIONS AND FEATURES

• Main controller board installs easily in SMC
• System integrates with other services in SMC (phone system, door strike, lighting controls, door bell, dry contact security devices and Indoor and Outdoor Stations
• Supports up to 12 wall station locations in four zones
• Onboard firmware for music-on-hold
• Answering machine function for message and message taking for intercom activations
• Allows call-on-hold for hang-up at one location and pick-up at another
• Allows whole-house paging, including phone-to-phone paging
• CCTV capability integrated in Interface Board

Leviton Architectural Edition™ powered by JBL Products and Systems

When music and film professionals who create and record sound for a living have to "get it right," they insist on JBL. Because they know JBL systems will faithfully deliver all the clarity, accuracy and impact of the original performance. When it comes to entertaining at home, why settle for less than the recording industry's best? Especially when Leviton makes it easy to build premium JBL sound right into the home and enjoy music, movies and more with the same legendary quality heard in concerts, clubs, recording studios, and from behind the screens of the best theaters in the world.

The Leviton Architectural Edition powered by JBL program transforms a living room into a cinema, a deck into an outdoor concert, a kitchen into an elegant bistro, a dining room into a dance hall. Even a master bath turns into a luxurious private retreat. Most important, Leviton/JBL systems are the product of precision engineering, advanced audio technology, painstaking craftsmanship and the latest advances in materials— the same technologies, features and performance that make JBL the first choice of professionals. And they are offered through a select network of quality homebuilders and trained installation professionals working with Leviton, the leader in residential connectivity and home networking systems.

Leviton Architectural Edition™ powered by JBL Indoor In-Wall and In-Ceiling Speakers

Leviton/JBL multi-room In-Wall and In-Ceiling Speakers can deliver a professional listening experience in the home because they incorporate the same features and technologies found in JBL's renowned family of professional studio monitors, including an Elliptical Oblate Spheroidal™ (EOS) Waveguide for improved high-frequency dispersion throughout a listening area, Titanium-laminate drivers to ensure musical accuracy and clarity, and HeatScape™ magnetic structures for impact and bass realism.

6.5-Inch (170mm) Two-Way In-Wall Loudspeaker

Acoustically transparent paintable baffles and grilles. 1″ (25mm) Titanium laminate dome tweeter and 6.5″ (170mm) Titanium-laminate woofer, Frequency Response (-10dB): 38 Hz-20 kHz, Sensitivity (2.83V/1m): 88 dB, Power Handling: 80 Watts, Impedance: Nominal 8 Ohms, Dimensions: 11″ (279mm) H x 8.5″ (226mm) W x 3.87″ (98mm) D. Weight: 5 lb/2.3 kg per speaker. Sold in pairs.

DESCRIPTION	CAT NO.
6.5-Inch Two-Way In-Wall Loudspeaker	**AEI65**

8-Inch (200mm) Two-Way In-Wall Loudspeaker

Acoustically transparent paintable baffles and grilles. 1″ (25mm) Titanium laminate dome tweeter and 8″ (200mm) Titanium-laminate woofer, Frequency Response (-10dB): 30 Hz-20 kHz, Sensitivity (2.83V/1m): 89 dB, Power Handling: 100 Watts, Impedance: Nominal 8 Ohms, Dimensions: 13.12″ (333mm) H x 10.12″ (257mm) W x 4″ (102mm) D. Weight: 7.8 lb/3.5kg per speaker. Sold in pairs.

DESCRIPTION	CAT NO.
8-Inch Two-Way In-Wall Loudspeaker	**AEI80**

6.5-Inch (170mm) Two-Way In-Ceiling Loudspeaker

Acoustically transparent paintable baffles and grilles. 1″ (25mm) Titanium laminate dome tweeter and 6.5″ (170mm) Titanium-laminate woofer, Frequency Response (-10dB): 40 Hz-20 kHz, Sensitivity (2.83V/1m): 88dB, Power Handling: 80 Watts, Impedance: Nominal 8 Ohms, Dimensions: 9.18″ (233mm) Diameter x 4.25″ (108mm) Depth. Weight: 4.5 lb/2.0 kg per speaker. Sold in pairs.

DESCRIPTION	CAT NO.
6.5-Inch Two-Way In-Ceiling Loudspeaker	**AEC65**

8-Inch (200mm) Two-Way In-Ceiling Loudspeaker

Acoustically transparent paintable baffles and grilles. 1″ (25mm) Titanium laminate dome tweeter and 8″ (200mm) Titanium-laminate woofer, Frequency Response (-10dB): 32 Hz-20 kHz, Sensitivity (2.83V/1m): 89 dB, Power Handling: 100 Watts, Impedance: Nominal 8 Ohms, Dimensions: 10.87″ (275mm) Diameter x 4.25″ (108mm) Depth. Weight: 5.3 lb/2.5 kg per speaker. Sold in pairs.

DESCRIPTION	CAT NO.
8-Inch Two-Way In-Ceiling Loudspeaker	**AEC80**

6.5-Inch (170mm) Two-Channel/Single Location Two-Way In-Ceiling Loudspeaker

Acoustically transparent paintable baffles and grilles. Reproduces two channels of stereo from one location. Dual .75″ (19mm) Titanium laminate dome tweeters and 6.5″ (170mm) Dual voice-coil Titanium-laminate woofer, Frequency Response (-10dB): 40 Hz-20 kHz, Sensitivity (2.83V/1m): 88 dB with both channels driven, Power Handling: 100 Watts total, Impedance: Nominal 8 Ohms, Dimensions: 9.8″ (233mm) Diameter x 4.25″ (108mm) Depth. Weight: 4 lb/1.8kg per speaker. Sold individually.

DESCRIPTION	CAT NO.
6.5-Inch Two-Channel/Single Location Two-Way In-Ceiling Loudspeaker	**AEM65**

Note: See page J24 for In-Wall and In-Ceiling Preconstruction Kits

AEI65

AEI80

AEC65

AEC80

AEM65

Structured Media Components

Structured Media Components

AEN24

AES36

AEI55

AECCS

AESUB

Pre-Construction Kits for Leviton/JBL In-Wall and In-Ceiling Speakers

DESCRIPTION	CAT NO.
Pre-Construction Kit - 6.5" In-Ceiling Speakers	PCC55-KIT
Pre-Construction Kit - 8" In-Ceiling Speakers	AEPC8-KIT
Pre-Construction Kit - 6.5" In-Wall Speakers	AEPI6-KIT
Pre-Construction Kit - 8" In-Wall Speakers	AEPI8-KIT
In-Wall Shelf Pre-Construction (for use with AAEI55)	AEPIS-KIT

Leviton Architectural Edition™ powered by JBL Outdoor/All-Weather Speakers

As the brand delivering sound in more concert venues than any other (including all three Woodstock festivals) JBL is extremely qualified to bring premium sound outdoors. These outdoor speakers are engineered to withstand long-term exposure to the elements right down to their weatherized grilles and input connectors. They are also ideal for indoor pools, atriums and other large open spaces where enclosure speakers with large-area coverage are desired.

Outdoor/All-Weather Two-Way Loudspeaker

Professional-grade injection-molded weather-resistant ported base-reflex enclosure with metal-mesh grille, .75″ (19mm) Titanium laminate dome tweeter and 4″ (100mm) WeatherPlas™ (polymer-coated cellulose fiber cone) woofer with rubber surround, high-temperature/oversized Kapton® voice coil and HeatScape™ motor structure, Frequency Response (-3dB): 75 Hz-20 kHz, Sensitivity (2.83V/1m): 86 dB, Power Handling: 100 Watts, Impedance: Nominal 8 Ohms, Dimensions: 9.5″ (241mm) H x 6.25″ (159mm) W x 4.75″ (121mm) D. Weight: 4.5 lb/2.1 kg per speaker. Sold in pairs.

DESCRIPTION	CAT NO.
Outdoor/All-Weather Two-Way Loudspeaker	AEN24

Outdoor/All-Weather Three-Way Loudspeaker

"Extreme performance" three-way professional-grade sealed enclosure speaker with all-metal, gold-plated binding posts for outdoor applications and for music and home theater installations (as a satellite with a subwoofer system). 1″ (25mm) Pure Titanium laminate dome tweeter, 4″ (100mm) WeatherPlas™ shielded midrange with Linear Field Proximity (LFP) bezel and 6″ (150mm) WeatherPlas™ (polymer-coated cellulose fiber cone) woofer with rubber surround, high-temperature/oversized Kapton® voice coil, Frequency Response (-3dB): 60 Hz-20 kHz, Sensitivity (2.83V/1m): 90 dB, Power Handling: 150 Watts, Impedance: Nominal 8 Ohms, Dimensions: 10.25″ (260mm) H x 14.62″ (371mm) W x 5″ (127mm) D. Weight: 11 lb/5 kg per speaker. Sold in pairs

DESCRIPTION	CAT NO.
Outdoor/All-Weather Three-Way Loudspeaker	AES36*

* See Leviton.com for current Leviton part number.

Leviton Architectural Edition™ powered by JBL Home Theater Speaker Components

JBL systems measure-up to higher standards than "home" theater, because more JBL speakers are found in film recording studios and behind the screens of the worlds best movie theaters than any other brand. This select group of installed and enclosed speakers for residential home-theater applications can bring cinema realism to any living room.

Two-Way In-Wall Center Channel Speaker

Can be used in front-speaker home theater applications either singly with Leviton/JBL In-Wall left and right speakers or in a matched set of three left/right/center speaker in ultra-premium installations. Acoustically-transparent paintable baffle and grille. 1″ (25mm) Pure Titanium dome tweeter and two 5″ (125mm) Polymer-coated aluminum woofers, Frequency Response (-10dB): 40 Hz-20 kHz, Sensitivity (2.83V/1m): 88 dB, Power Handling: 120 Watts, Impedance: Nominal 8 Ohms, Dimensions: 7.5″ (191mm) H x 15.37″ (391mm) W x 3.87″ (98mm) D. Weight: 5.7 lb/2.5 kg per speaker. Sold individually

DESCRIPTION	CAT NO.
Two-Way In-Wall Center Channel Speaker	AEI55

Dual 5-Inch (125mm) Two-Way Shelf-Mount Center Channel Loudspeaker

Enclosed free-standing, shelf-mounted center-channel speaker to accompany in-wall installed left and right speakers like the Leviton/JBL AEI65, AEI80 and AEI55. .75″ (19mm) Titanium laminate dome shielded tweeter and two 5″ (130mm) PolyPlas™ shielded woofers, Frequency response (-3dB): 75 Hz-20 kHz, Sensitivity (2.83V/1m): 90 dB, Power Handling: 75 Watts, Impedance: Nominal 8 Ohms, Dimensions: 6.5″ (165mm) H x 20.25″ (514mm) W x 9.62″ (244mm) D. Weight: 9.6 lb/4.4 kg per speaker. Sold individually..

DESCRIPTION	CAT NO.
Dual 5-Inch (130mm) Two-Way Shelf-Mount Center Channel Loudspeaker	AECCS

Powered 12-Inch Subwoofer

Freestanding front firing, powered (amplified) subwoofer to reinforce in-wall and in-ceiling installed systems in home theater viewing. High-efficiency, high current switched amplifier. Variable low-pass crossover and output level (volume) control. 12″ (300mm) PolyPlas™ woofer with heat-resistant voice coil, front-firing enclosure, Amplifier output (RMS): 300 Watts, Dynamic power (peak): 600 Watts, Frequency response (+/-3dB): 25 Hz low-pass crossover setting (variable), Dimensions: 19.75″ (502mm) H x 14.37″ (365mm) W x 18″ (457mm) D. Weight: 39.5 lb/18 kg. Sold individually.

DESCRIPTION	CAT NO.
Powered 12″ Subwoofer	**AESUB**

Leviton Architectural Edition™ powered by JBL On-Wall Home Cinema Speaker System

An ideal solution for home theater locations where an in-wall/in-ceiling installed home theater speaker solution is impractical but full performance is desired (such as in room corner installations). This is a 5-channel surround-sound package that is expandable to 6.1 or 7.1 surround-sound operation with the addition of optional matched AESS5 Expansion Satellite Speaker(s). Includes 5 mounting brackets and subwoofer input RCA cable. Available in White or black finish

Home Cinema Speaker System

Speaker Complement: Five 2-way magnetically shielded satellite speakers with high-output 2.5″ (63.5mm) woofer and precision .5″ (12.7mm) tweeter, and one 8″ (200mm) 100 watt powered subwoofer with LFE input, adjustable level control, and built-in crossover network for use with speaker-level outputs. Enclosure: Bass-reflex with FreeFlow™ flared port, Recommended power range: 10-100 Watts, Subwoofer Frequency Response (+/- 3dB): 150 Hz-20kHz, Satellite Speaker Sensitivity (2.83V/1m): 86dB, Satellite Impedance: Nominal 8 Ohms, Dimensions (Subwoofer): 16.25″ (413mm) H x 11″ (279mm) W x 13.75″ (349mm) D, Dimensions (Satellite Speaker): 5″ (127mm) H x 3.5″ (88mm) W x 3.5″ (88mm) D Subwoofer weight: 28 lb/12.7 kg.

Expansion Satellite Speaker

One 2-way magnetically shielded satellite speaker with high-output 2.5″ (63.5mm) woofer and precision .5″ (12.7mm) tweeter. Recommended power range: 10-100 Watts, Frequency Response (+/- 3dB): 150 Hz-20kHz, Speaker Sensitivity (2.83V/1m): 86dB, Impedance: Nominal 8 Ohms, Dimensions (Satellite Speaker): 5″ (127mm) H x 3.5″ (88mm) W x 3.5″ (88mm) D Weight: 1.8lb/0.8kg per speaker.

DESCRIPTION	CAT NO.
5-Channel Surround-Sound Home Cinema Speaker System with 100 Watt Powered subwoofer and 5 Satellite Speakers - Black	**AEH50-BL**
5-Channel Surround-Sound Home Cinema Speaker System with 100 Watt Powered subwoofer and 5 Satellite Speakers - White	**AEH50-WH**
Optional AEH50 System matched satellite Speaker for 6.1 and 7.1 surround-sound operation – Black	**AESS5-BL**
Optional AEH50 System matched satellite Speaker for 6.1 and 7.1 surround-sound operation – White	**AESS5-WH**

Rough-In Kit/Adapter Wallplate for JBL Satellite Speaker

Decorative Satellite Speaker Adapter Wallplate. Dimensions: 4.5″ (114mm) H x 2.75″ (70mm) W x .25″ (6mm) D Weight : 1 oz./0.3 kg

DESCRIPTION	CAT NO.
Rough-In Kit/Adapter Wallplate for JBL Satellite Speaker - White	**AEPHK-WH**
Rough-In Kit/Adapter Wallplate for JBL Satellite Speaker - Black	**AEPHK-BL**

Structured Media Components

HKAVR-XXX

HKDVD-038

HKCDC-000

HKPOD-000

HKABV-000

Audio/Video Entertainment Center Components and Accessories from Harman/Kardon™

There is no better way to assure the highest performance and value from a state-of-the-art Leviton/JBL than to power it with matched Harman/Kardon Entertainment Center. The Harman/Kardon components available as part of the Leviton/JBL program represent a summary of today's most advanced analog and digital audio and video technologies—and ensure full compatibility with the home entertainment formats and platforms of the future.

Harman/Kardon Audio/Video Receivers

Harman/Kardon 7.1-channel digital audio/video receivers offer a wealth of listening and viewing options, including high-current amplifier design for accurate tracking of musical and audio/video source information, the latest HDMI audio/video input and switching, auto speaker calibration for surround sound perfection, multi-room audio, XM Satellite Radio and I-Pod capability, and much more, all in a elegant package.

DESCRIPTION	CAT NO.
7.1 Channel Surround Sound A/V Receiver, w/HDMI™ Switching and A-BUS®	HKAVR-XXX*
7.1 Channel Surround Sound A/V Receiver, w/HDMI™ Switching	HKAVR-XXX*

High-Performance Single-Disc DVD Player

Advanced video performance requires a maximum resolution source, because the best TV screen is only as good as what's fed into it. The Harman/Kardon progressive-scan DVD Player is equal to the task, with HDMI output, DCDi by Faroudja video processing, and up-scaling to 1080i high-definition playback.

DESCRIPTION	CAT NO.
High-Performance Single-Disc DVD Player with HDMI Output and 1080i Upscaling	HKDVD-038*

High-Definition 5-Disc CD Carousel Changer

The Harman/Kardon Changer compliments your multi-room audio system by delivering hours of music with a wide range of programming options to customize the mix – and advanced digital signal processors and digital output capability to ensure that every musical note is delivered free from distortion.

DESCRIPTION	CAT NO.
High-Definition 5-Disc CD Carousel Changer	HKCDC-000*

The Bridge™ iPod Docking Station

The Bridge docking station allows your favorite iPod tracks and playlists to be controlled and heard through an entire home entertainment system when used with a compatible Harman/Kardon A/V Receiver.

DESCRIPTION	CAT NO.
The Bridge™ iPod Docking Station	HKPOD-000*

Infrared Remote Sensor

The low-profile IR remote sensor can be placed conveniently to control audio and video components with a compatible receiver's remote control even when they are in a cabinet or entertainment center. All Harman/Kardon AV products can be connected together so that one IR Sensor can operate them all.

DESCRIPTION	CAT NO.
IR Remote Sensor	HKRMS-000*

Harman/Kardon™ A-BUS® System

Multi-room music is easy with these amplified volume controls and distribution hub. The hub simply plugs-into the back of an A-BUS Ready® Harman/Kardon (or other brand) A/V Receiver, and sends a selected sound source to up to four rooms/zones where the amplified volume controls take over. The system is ideal for background and casual indoor audio entertaining applications.

Amplified In-Wall A-BUS Volume Control

A Decora up/down amplified rocker-style volume control for dedicated speakers in a single room/zone for use with any A-BUS Ready Harman/Kardon A/V Receiver. Also accepts control commands to A/V receiver or other compatible components via a built-in IR sensor.

DESCRIPTION	CAT NO.
Amplified In-Wall A-BUS® Volume Control	HKABV-000*

A-BUS® Hub 4-Zone System Expansion

When used with the A-BUS interface on compatible HKAVR A/V Receivers, it allows the A/V Receiver to operate up to four rooms/zones of distributed audio (with HKABV Volume Controls and connected speakers).

DESCRIPTION	CAT NO.
A-BUS® Hub 4-Zone System Expansion	HKABH-000*

* See Leviton.com to confirm current Leviton part number. Check with your Leviton salesperson for product availability.

Leviton Architectural Edition™ Multi-Room Audio Amplifiers

Leviton's AE6MA and AE6MC Architectural Edition Multi-Room Audio Amplifiers combine advanced audio engineering, high-current performance and tremendous value in a single low-profile chassis that delivers superior multi-channel amplification to meet the needs of the most demanding residential multi-zone systems. Combining "audiophile" sound quality with commercial reliability, these amplifiers area no-compromise solution for large, high-output multi-room listening systems. The amplifiers are designed for long-term use with advanced circuit protection and a thermostatically-controlled cooling fan. The AE6MA is a perfect balance of performance and simplicity, with input source flexibility through a unique "electronic channel link" feature that enables different single sources to be assigned to different rooms/zones. The AE6MC is the ultimate in listening flexibility, with advanced LCD keypads that enable the selection of up to seven different audio sources in any room with full independent control.

AE6MA

AE6MA – back

Single-Source 12 Channel (6 Stereo Pairs) Six-Room/Zone Multi-Channel Power Amplifier

Output power: 50 Watts nominal (40 watts per channel 20Hz to 20kHz @ <0.2% THD, all channels driven into 8 ohms); Peak output power: 100 watts per channel; Inputs: Gold-plated RCA jacks with adjustable input gain; Outputs: 5-way gold-plated binding posts; Total Harmonic Distortion (THD): Less than 0.1% 20 Hz to 20 kHz; Signal-to-noise ratio: Over 105 dB; Fan noise: Quiet 28 dB; Dimensions: 3.5 in (89mm) H x 17 in (432mm) W x 11.5 in (292mm) D

DESCRIPTION	CAT NO.
12 Channel (6 Stereo Pairs) Power Amplifier	AE6MA

AE6MC

AE6MC – back

Seven-Source 12 Channel (6 Stereo Pairs) Six-Room/Zone Multi-Channel Power Controller/Amplifier

Output power: 50 Watts nominal (40 watts per channel 20Hz to 20kHz @ <0.2% THD, all channels driven into 8 ohms); Peak output power: 100 watts per channel; Inputs: 14 gold-plated RCA jacks with adjustable input gain and a fully buffered RCA jack output for each; Outputs: Removable screw terminal, accepts 12-20 gauge wire; Total Harmonic Distortion (THD): Less than 0.1% 20 Hz to 20 kHz; Signal-to-noise ratio: Over 105 dB; Fan noise: Quiet 26 dB; Dimensions: 3.5 in (89mm) H x 17 in (432mm) W x 11.5 in (292mm) D

DESCRIPTION	CAT NO.
Seven-Source, Six-Room Multi-Channel Controller-Amplifier	AE6MC
Keypad Controller for AE6MC	AE6MC-PAD
Remote Control for AE6MC	AE6MC-RMT

AE6MC-PAD

SPECIFICATIONS AND FEATURES

Single-Source 12 Channel (6 Stereo Pairs) Six-Room/Zone Multi-Channel Power Amplifier

• Automatic protection circuitry

• Individual input gain adjustment

• External power ON/OFF through external controllers

• Channel Link allows channels to have individual sources or share a common source

• Cooling fan prevents overheating and maximizes energy efficiency

Single-Source 12 Channel (6 Stereo Pairs) Six-Room/Zone Multi-Channel Power Amplifier

• Seven source input selection for each amplifier

• RS-232 port for use with whole-house and PC-based compatible control systems

• Six internal 80+ position stereo volume controls

• High efficiency/small space.

• Automatic protection circuitry

• Individual bass, treble and balance adjustment of speakers in each room

• External power ON/OFF through external controllers

• All-zone control through use of AE6MC keypad

• Cooling fan prevents overheating and maximizes energy efficiency

Structured Media Components

An entertainment system is like a chain – it can only be as strong as its weakest link. The Leviton Architectural Edition series of products was developed to make sure that every link in the system—volume controls, distribution and connection components, even multi-room amplifiers—have no weak points and are as "state-of-the-art" in performance as the systems' speakers. The Leviton Architectural Edition is a complete solution for entertainment system designers and installers. Leviton's award-winning System Matching module and Strauss™ Transformer-Free volume controls use advanced aerospace technology to deliver ruler-flat frequency response to every zone of a multi-room audio system. The Architectural Edition multi-room audio amplifiers combine advanced audio engineering, high-current performance and tremendous value in a single low-profile chassis that delivers superior multi-channel amplification to meet the needs of the most demanding residential multi-zone systems. The advanced circuit engineering inside Leviton's home theater and multi-room wallplates means that audiophile-grade connectivity can be easy and quick to install.

Composer Series Volume 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 Strauss and Chopin Digital Volume controls use the same heat-dissipation technology used on the space shuttle and resistive switching to achieve ruler-flat frequency response.) On the Brahms rotary 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 audio power ratings are UL referenced. All volume controls feature screw connectors for long-term connection integrity.

SGVST-OOW

Decora® Strauss™ Transformer-Free™ and Impedance Matching Transformer-Free™ Volume Controls

In multi-room distributed audio systems, the source of undesirable speaker coloration (usually perceived as a "muffled" sound) is often the volume control itself, because the audio transformers (AKA: autoformers) used in conventional controls can actually filter the bass and treble frequencies. The Decora Strauss Transformer-Free Volume Controls use audio-grade Cermetile resistors to change volume levels while leaving the audio signal unaffected, resulting in ruler-flat frequency response across the entire audible frequency range. Moreover, Decora Strauss Transformer-Free Volume Controls eliminate the problem of "saturation" associated with conventional volume controls and can handle tremendous amounts of music power. Available in standard and impedance-matched versions.

SPECIFICATIONS

Speaker Impedance:	2-16 Ohms (nominal 8 Ohms)
Power Handling:	200W peak/100W RMS
Frequency Response:	20Hz-20KkHz +/- 1dB
Dimensions:	4.06"(103.1) H x 1.32"(33.5) W x 2.5"(63.5) D
Mounting:	Standard single-gang design with a mounting depth of 2.5"
Wire Gauge:	Detachable cable connectors are compatible with all standard speaker wire sizes (14-18 gauge)
Color:	White (Optional color change kits available

Decora Strauss Transformer-Free Volume Control

DESCRIPTION	CAT NO.–WHITE
Decora Strauss Transformer-Free Impedance-Matched Volume Control	SGVSM-OOW
Decora Strauss Transformer-Free Volume Control	SGVST-OOW
Color change kit converts to Ivory and Almond	SGVCK-IA
Color change kit converts to Ebony	SGVCK-OOE
Color change kit converts to Light Almond	SGVCK-OLA

SPECIFICATIONS AND FEATURES

- Decora slide control with precision 12-position switch (including fully-OFF position)
- Transformer-Free™ volume controls deliver 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)

Decora Digital™ Chopin™ Volume Control

Fill a room 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 delivers simplicity and superior sound-quality, and enables "three-way" volume control operation in larger rooms/zones. The Volume Control mounts in a standard wall box or low-voltage mounting bracket and connects via Category 5 cable to the Interface Module.

SPECIFICATIONS

Peak RMS Power Rating:	200 Watts per channel
Continuous Power Rating:	100 Watts RMS per channel
Frequency Response, all rated power levels, +/-0.1 dB:	DC-50,000 Hz
Speaker Impedance:	4-16 Ohms nominal
Speaker/Amplifier Connection:	Removable, snap-in audio monoblock w/screw terminals
Power:	12 Volts DC, 200 mA

48211-WVK

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**
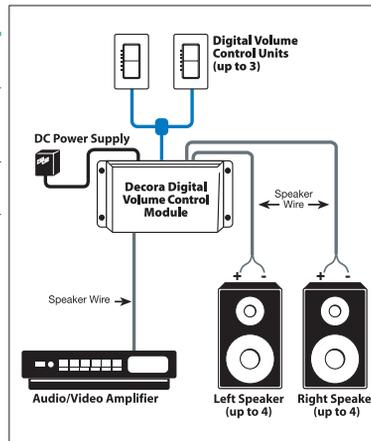
48211-WVC

Brahms Autoformer Volume Controls

On the Brahms series of rotary 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.

Brahms™ Stereo Volume Controls—75 Watt Audio

TThe 75 Watt Brahms series (25 Watts RMS) of volume controls is designed for low to moderate power installations in the home. The units accommodate 4, 8 or 16 Ohm speakers and amplifiers up to 75 Watts. All controls are 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—75 Watt Audio

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	**40841-0DW**

40841-0DW

Structured Media Components

SPECIFICATIONS AND FEATURES

Decora Digital Chopin Volume Control

- 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 cermatile 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.

40905-25W

40888-72W

Decora® Brahms™ Stereo Volume Control with ON/OFF Switch—75 Watt Audio
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**

Decora® Brahms™ Stereo Volume Controls—216 Watt Audio

The 216 Watt Audio (72 Watt RMS) Strauss volume control series is designed for higher power installations in the home,. Their heavy-duty autoformer construction is designed to resist saturation and degradation even after years of high-volume use. The units accommodate 4, 8 or 16 Ohm speakers and amplifier systems rated up to 216 Watts. All controls are 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® Brahms™ Stereo Control with ON/OFF Switch—216 Watt Audio
Convenience of ON/OFF, as well as volume control.

DESCRIPTION	CAT NO.–WHITE
Decora Brahms Stereo Volume Control, 216 Watt, 72 Watt RMS with two-gang plate. Boxed unit pack, rack pack carton	**40888-72W**

Structured Media Components

Leviton Architectural Edition System Matching Module with AutoSurge™ Technology

The System Matching Module is used to match the impedance of all speakers and volume controls automatically at a central wiring point It allows connecting up to six rooms of speakers to a stereo amplifier, and is a cost-effective way to design a passive, impedance-matched multi-room music system.

NOTE: Do not use the System Matching Module with impedance-matched volume controls.

SPECIFICATIONS

Dimensions:	2.57"(68.6) H x 6.38"(161.9) W x 5.38"(136.5) D
Mounting Location:	Mounts in Leviton Structured Media™ Centers
Power Handling:	150W RMS per channel/225W peak
Frequency Response:	10Hz-40kHz, +/- .5dB
Wire Gauge:	Detachable cable connectors are compatible with all standard speaker wire sizes (18-14 AWG)

System Matching Module

DESCRIPTION	CAT NO.–WHITE
System Matching Module with AutoSurge Technology	**SGAMP-000**

SGAMP-000

1x6 Passive Audio Module

Easy, centralized audio system distribution module connects up to six pairs of speakers from an entertainment center or amplifier. Note: To ensure a correct impedance match with an amplifier, only use the passive audio module with impedance-matched volume controls.

SPECIFICATIONS

Dimensions:	6.58"H x 2.89"W x 1.42"D
Wire Gauge:	18–14 AWG
Requirements:	Product should be used with impedance-matched volume controls

48211-06A

1x6 Passive Audio Module

DESCRIPTION	CAT. NO.
1x6 Passive Audio Module	**48211-06A**
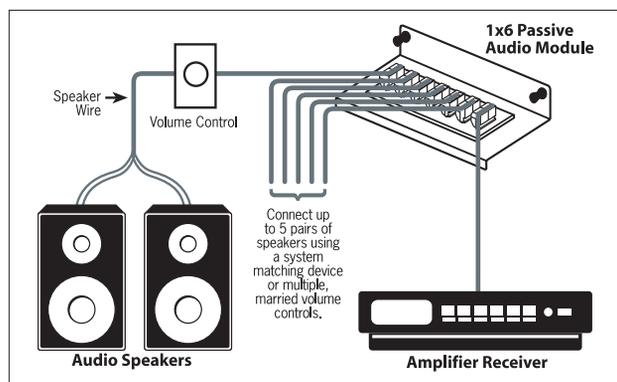
SPECIFICATIONS AND FEATURES

System Matching Module

• Connects up to six rooms/zones

• Convenient single-point connection for all speakers

• Combine with Decora® Strauss™ Transformer-Free-Volume™ Controls or equivalent 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

1x6 Passive Audio Module

• Supports up to six pairs of speakers.

• Parallel connection scheme insures the best sound quality.

• User-removable connectors facilitate installation.

• Connects with standard fire-rated speaker wire.

Structured Media Components

Home Theater and Multi-Room Integrated Wallplates

Both integrated wallplates combine the convenience of a ready-made plate with pre-configured wiring termi-
nations with the performance and connection quality of "audiophile-grade" connectors. These plates are
complete and ready-to-use, and make a "custom quality" statement in any installed entertainment system.

Home Theater Interface Wallplate

Connector Type (Front of module): 14 audiophile-grade, gold-plated black and red spring clips, 2 RCA
connectors, 2 QuickPort openings; Connector Type (Back of module): 8-pin and 6-pin in-line pluggable
screw terminals; Wallplate: High quality impact-resistant white plastic, standard 3-gang with matching
painted screws; Mounting Depth: 2.5" (64mm); Wiring: 14-16 gauge speaker wire

DESCRIPTION	CAT NO.
Home Theater Interface Wallplate	**AEHTK-000**

AEHTK-000

Multi-Room Stereo Speaker Wallplate

Connector Type (Front of module): 4 audiophile-grade, gold-plated black and red spring clips, 2 QuickPort
openings; Connector Type (Back of module): Two 2-pin in-line pluggable screw terminals; Wallplate: High
quality impact-resistant white plastic, standard single-gang with matching painted screws; Mounting
Depth: 2.5" (64mm); Wiring: 14-16 gauge speaker wire

DESCRIPTION	CAT NO.
Multi-Room Stereo Speaker Wallplate	**AEMRK-000**

Specialized Audio/Video Wallplates

These high-value plates are quick to install and intuitive to use when connecting a multi-room entertainment
system.

AEMRK-000

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**

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**

40951-1PW

40952-2PW

SPECIFICATIONS AND FEATURES	

Home Theater Interface Wallplate

- Accommodates from 5.1 to 7.1 channel surround–
  sound systems
- For use with low voltage rings and standard low
  voltage junction boxes
- Features RCA connectors for connecting subwoofers
- Two extra openings for additional QuickPort
  connectors

Multi-Room Stereo Speaker Wallplate

- Integrated wallplate for connecting left and right
  audio speakers (+/- connections)
- For use with low voltage rings and standard low
  voltage junction boxes
- Two extra openings for additional QuickPort
  connectors

Structured Media Components

SGC65-00W

SGI65-00W

SGI80-00W

SGO99-00W

Spec Grade Sound™ Indoor and Outdoor Speakers

Leviton's award-winning* Spec-Grade Sound™ indoor and outdoor speaker line takes installed home audio to a new level in both technical innovation and value. Leviton's Spec-Grade Sound™ indoor and outdoor speakers can be used with Leviton's innovative, exclusive Decora® Strauss™ Transformer-Free™ Volume Controls and Leviton's System Matching Module and other audio distribution products to form complete systems. All of 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 help protect the speakers from possible damage due to overdriving. The outdoor/utility speaker is constructed of weather resistant materials inside and out.

Electronic House Magazine "Product of the Year"
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	SGO99-00W

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" In-Ceiling Speaker	PCC55-KIT
Pre-Construction kit for 6.5" In-Wall Speaker	PCI65-KIT
Pre-Construction kit for 8" In-Wall Speaker	PCI80-KIT

Spec Grade Sound Speaker Grills

DESCRIPTION	CAT NO.–WHITE ONLY
Speaker Grill for Speaker SGC65	SGC65-GRL
Speaker Grill for Speaker SGI65	SGI65-GRL
Speaker Grill for Speaker SGI80	SGI80-GRL

Structured Media Components

Decora Media™ System

Send analog audio and video signals through up to 1,000 feet (300 meters) of Category-5 cable with no discernible distortion. The Decora Media System is ideal for connecting source components back to a multi-room audio amplifier located elsewhere in a system. DMS is comprised of: a Send Unit for transmitting audio/video signals, a Receive Unit for receiving signals and a Media Hub. The DMS can operate several ways: in a "hub" configuration with one Send unit sending a single audio/video signal to up to six Receiver units, and point-to-point where Send and Receive units are linked directly together to replace expensive specialized cables or baluns with simple Category-5 cabling..

Send and receive units run on 12VDC, hub runs on 15VDC and can be powered independently or through the Media Hub.
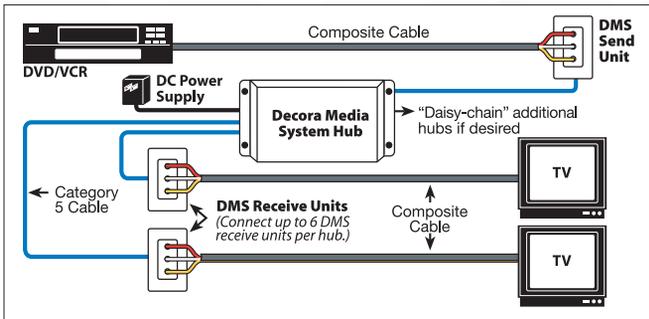
SPECIFICATIONS	SEND UNIT	RECEIVE UNIT	MEDIA HUB
Dimensions:	4.1"H x 1.4"W x 2.0"D	4.1"H x 1.4"W x 2.0"D	6.5"H x 3.4"W x 1.75"D
Video Bandwidth:	50 M Hz @ -3 dB	50 M Hz @ -3 dB	50 M Hz @ -3 dB
Video THD:	75 dBc	-75 dBc	-75 dBc
Video Input:	——	0.5V to 2V composite	0.5V to 2V composite
Video Output:	0.5V to 2V composite	——	——
Slew Rate:	800/Vus	800/Vus	800/Vus
Audio Input Impedance:	——	20k Ohms, max 3Vp-p	20k Ohms, max 3Vp-p
Audio Output Impedance:	51 Ohms, max 2Vp-p	——	
Audio Freq. Response:	5 Hz-100k Hz, ±3 dB	5 Hz-100k Hz, ±3 dB	5 Hz-100k Hz, ±3 dB
Audio THD:	0.002% 20 Hz-20k Hz	0.004% 20 Hz-20k Hz	0.002% 20 Hz-20k Hz
Audio S/N Ratio:	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
Input Noise:	4.5nV/(Hz), 1/2 typical @ 1k Hz	6nV/(Hz), 1/2 typical @ 1k Hz	4.5nV/(Hz), 1/2 typical @ 1k Hz
Input and Outputs:	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
Power:	12VDC	12VDC	15VDC

Decora Media System

DESCRIPTION	CAT. NO.
Decora Media System Media Hub with Power Supply	**48210-MCH**
Decora Media System Send and Receive Unit Pair with Power Supply	**48210-SRU**
Decora Media System Send Unit with Power Supply	**48210-MSU**
Decora Media System Receive Unit	**48210-MRU**

SPECIFICATIONS AND FEATURES

- 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 stereo audio and video signals over long distances with less distortion.
- Stereo audio input/output handles Dolby® ProLogic™ surround signals.
- RJ-45 input for Send unit.

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 and converts it to a low-voltage electrical signal, sending it back to a component to be controlled by the IR emitter. The flush-mount IR Target easily installs in a ceiling or wall, and connects with Category 5 cable to the IR Emitter. Multiple IR Emitters connect to controlled A/V components through the distribution block in the Structured Media Enclosure. Distribution block (Cat. No. 47689-B) available separately. Dimensions: 2"L x 1"W, Power: 12V DC @200mA, Target Output: 4 signal leads, Target Input: 2 power leads (DC + and -), Emitter Output: Infrared to control source component, Emitter Input: 2 signal leads, Power Supply (included): 12V DC @5mA
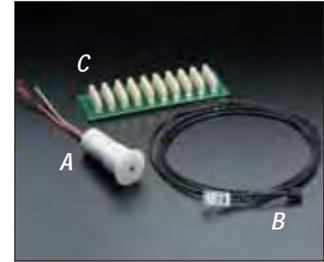
IR Repeater System

DESCRIPTION	CAT. NO.
A–Target	**47621-CMS**
B–Emitter	**47621-MIE**
C–1x9 Bridged Telephone Module for IR Repeater, w/o bracket. Indiv. boxed unit pack, rack pack carton.	**47603-110**

Recessed Entertainment Box

DESCRIPTION	CAT. NO.	COLOR*
REB Box with Low-Profile Frame	**47617-REB**	White
High-Profile Cover	**47617-HPC**	White
Low-Profile Frame	**47617-LPF**	White
Replacement Snap-In Plates (2/Bag)	**47617-PLT**	White
REB Box with High-Profile Cover	**47617-RBH**	White

Decora Recessed Receptacles

Duplex Recessed Receptacles 15A-125V AC, 2-Pole, 3-Wire, NEMA 5-15R

DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
Two-Gang Duplex Receptacle with Openings for 6 QuickPort Connectors (4 blank inserts included)†	**690**	I, W, T, E	5-15R
One-Gang Duplex Receptacle	**689**	I, W, T, E	

Single Recessed Receptacles Side-Wired 15A-125V AC, 2-Pole, 3-Wire, NEMA 5-15R

DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
One-Gang Single Receptacle with Clock Hanger Hook	**688**	I, W	5-15R
One-Gang Single Receptacle with Clock Hanger Hook	**5261-CH**	Stainless Steel	

Side-Wired 20A-125V AC, 2-Pole, 3-Wire, NEMA 5-20R

DESCRIPTION	CAT. NO.	COLOR*	NEMA CONFIG.
One-Gang Single Receptacle with Clock Hanger Hook	**5361-CH**	Stainless Steel	5-20R

† QuickPort Connectors not included.

SPECIFICATIONS AND FEATURES

Recessed Entertainment Box
- Provides single location for line and low-voltage connections
- Stud- and wall-mountable
- Neat, clean recessed installation
- Optional high-profile cover includes sliding plastic front panel and channels all wires through the bottom of the REB
- Paintable white ABS plastic

Recessed Two-Gang Duplex Receptacle with QuickPort Openings
- Provides 2 15A/125V AC NEMA 5-15R power outlets and openings for any 6 installer-selected QuickPort connectors or blank inserts (4 inserts included)
- Includes plastic electrical box and a barrier to separate line and low-voltage conductors
- Wallplate built into device

Recessed One-Gang Duplex Receptacle
- Installs invisibly behind wall units, signature artwork and wall-mounted flat-panel TVs
- Supplies AC power for two components

- Fits most common electrical boxes available (electrical box not included)

Recessed One-Gang Single Receptacles
- Includes clock-hanger hook
- Flush mount with square recess

TESTING AND CODE COMPLIANCE

Recessed Receptacles
- cULus Listed
- NOM Certified (#057)

All Recessed Devices
- Backed by a Limited Two-Year Warranty

*COLOR

For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Light Almond (-T) and Black (-E).

MATERIAL CHARACTERISTICS

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

Structured Media Components

HOW TO USE THIS CATALOG

The L-101 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-101 Catalog can be clearly copied or faxed to customers and prospects for use as a specifier 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.

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

J

36

DHC Powerline Carrier Components

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Decora Home Controls Components Index

LEVITON®

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

Panic Button Controller HXC1A-1TW

Receptacle Receiver 6227

Toscana Programmer HCCPG-1TW

Seven-Scene Dimming Controller HXC7S-1TW

Key Chain Remote Controller HCCKR

Switch Receivers 6291, 6293, 6381, HXM10-1TW, HXM06-1TW, HCS10-1SW

Plug-in Transceiver HCPRF

System Amplifier/Repeater HCA02-10E

Burglar Alarm Interface 6330
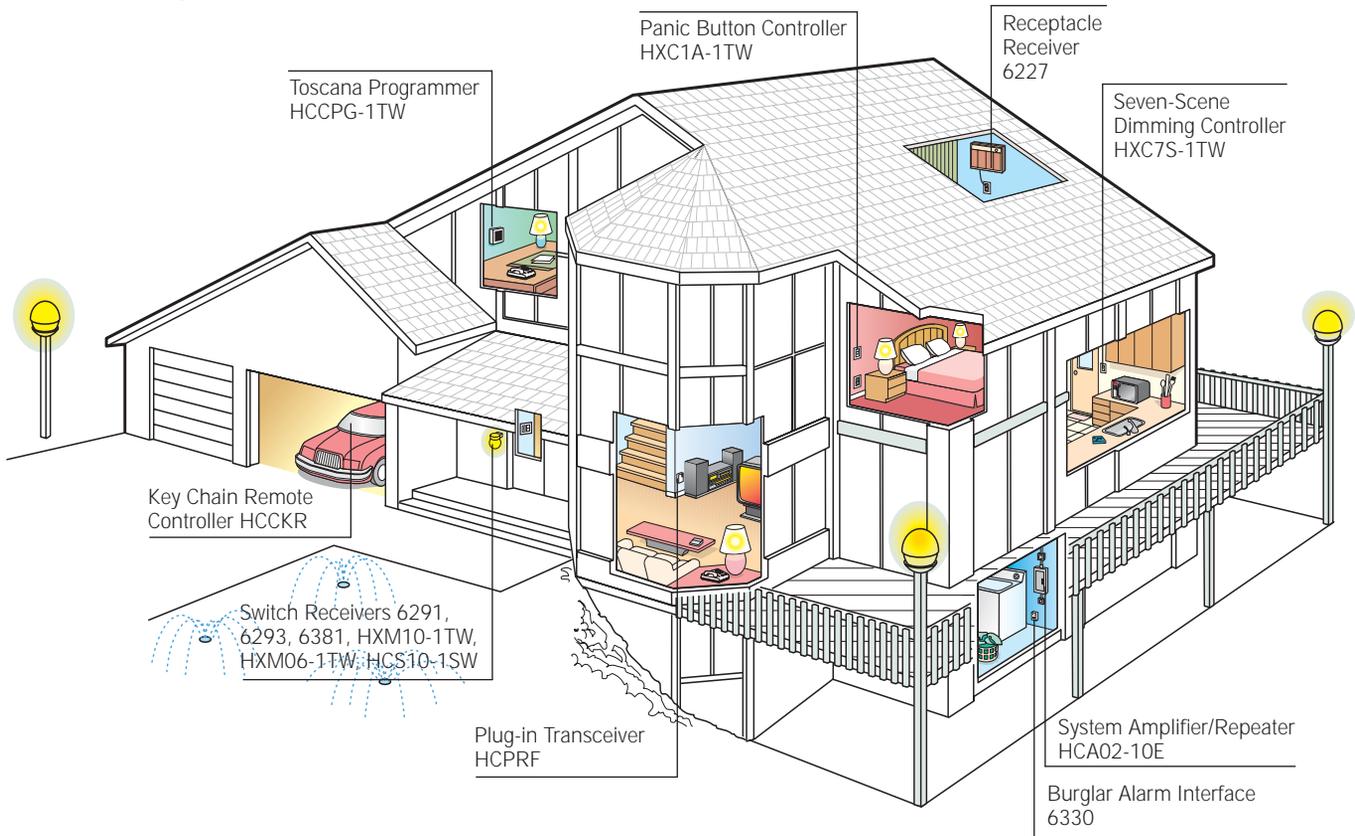
DHC CONTROLLERS, RECEIVERS AND NETWORK INTEGRITY PRODUCTS

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-0II	DCKPG-0WW	DCKPG-0AA	DCKPG-0SW
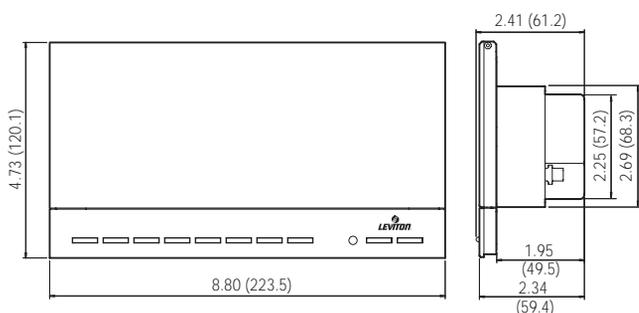
HCCPG-1TW

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)

COLOR

Shipped with White frame and White Cover. See chart for color change kits.

MATERIAL CHARACTERISTICS

Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Note: A Cat. No. HCAO2-10E 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

HXC1O-1TW

HXC1D-1TW

HXC2D-1TW

Wall Switch Controllers with 2-Way Communication ⓊⓁ ⒸⓈⒶ® **INTELLISENSE**™

DESCRIPTION	CAT. NO.
One Address ON/OFF Controller—One ON/OFF rocker transmits ON/OFF commands to one address. Shipped in White—Color change kits available for other colors.	**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. Shipped in White—Color change kits available for other colors.	**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 DIM/BRIGHT commands to that same address. Shipped in White—Color change kits available for other colors.	**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 DIM/BRIGHT buttons transmits BRIGHT/DIM commands to the most recently selected address. Shipped in White—Color change kits available for other colors.	**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-0LI	DRK0S-0LW	DRK0S-0LA	DRK0S-0LG	DRK0S-0LE
HXC1D-1TW	DRK1D-00I	DRK1D-00W	DRK1D-00A	——	——
HXC2D-1TW	DCK2D-00I	DCK2D-00W	DCK2D-00A	——	——
	DCK2D-0CI (w/printable labels)	DCK2D-0CW (w/printable labels)	DCK2D-0CA (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: 32°F to 130°F

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 (UL) (CSA) INTELLISENSE™

DESCRIPTION	CAT. NO.
Three-Address Dimming Controller—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 DIM/BRIGHT buttons transmits DIM/BRIGHT commands to the most recently selected address. Shipped in White—Color change kits available for other colors.	HXC3D-1TW
Four-Address Dimming Controller—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 DIM/BRIGHT buttons transmits DIM/BRIGHT commands to the most recently selected. Shipped in White—Color change kits available for other colors.	HXC4D-1TW
Three-Address Dimming, ALL LIGHTS ON/ALL OFF Controller—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 DIM/BRIGHT buttons transmits DIM/BRIGHT 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. Shipped in White—Color change kits available for other colors.	HXC4A-1TW
Seven-Scene Dimming Controller—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 DIM/SCENE BRIGHT buttons transmits SCENE DIM/BRIGHT 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. Shipped in White—Color change kits available for other colors.	HXC7S-1TW

The HCCS7-1TW 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.

HXC3D-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
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)

HXC4A-1TW

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 *Plus* 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

Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.


HXC7S-1TW

Home Automation Products

Residential Grade Controllers—Green Line

RF Components

DESCRIPTION	CAT. NO.
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 50 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.	**HCCUR**
Plug-In Transceiver—Accepts Radio Frequency 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 256 DHC addresses. Color: White.	**HCPRF-1TW** INTELLISENSE™
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 50 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.	**HCCKR-E**

HCCUR

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: 32°F to 130°F

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

DHC Residential Grade Controllers—Red Line
with Intellisense™ Technology

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**
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.

6312

6320

6315
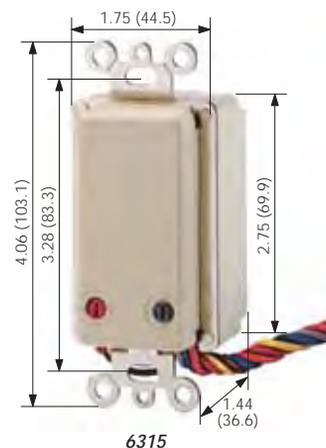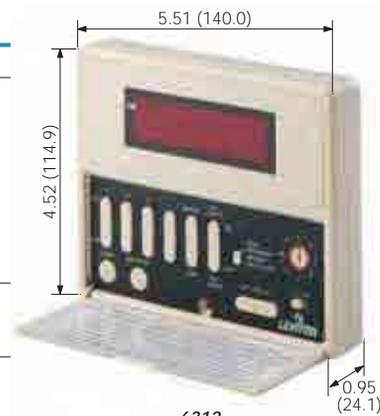
SPECIFICATIONS AND FEATURES

- 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.
- 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)

COLOR

Colors available as indicated. Cat. No. 6312 available in Ivory (-I), White (-W) and Almond (-A).

MATERIAL CHARACTERISTICS

Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.

DHC Residential Grade Receivers—Green Line
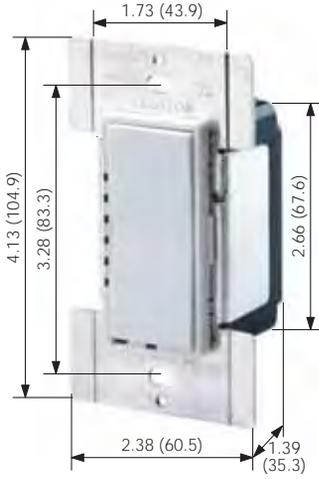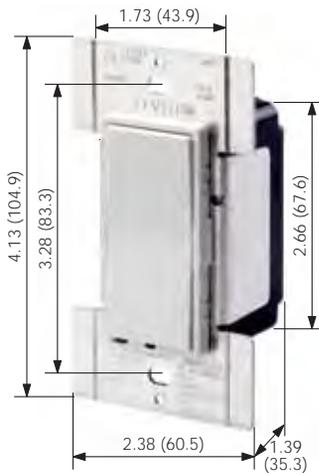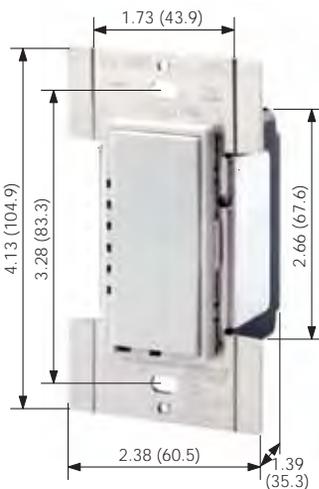
Scene-Capable Wall Dimmers and Switches ⓊⓁ ⓈⓇ

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
600 Watt Scene-Capable Dimming Wall Switch Receiver with One-Button Programming and LED brightness display. 3-Way capable when used with MS00R-10 Multi-Remote	HCM06-1DW	Incandescent 600W, (450W) Magnetic Low-Voltage Lighting 600VA	White (Ivory kit included)
1000 Watt Scene-Capable Dimming Wall Switch Receiver with One-Button Programming and LED brightness display. 3-Way capable when used with MS00R-10 Multi-Remote	HCM10-1DW	1000W Incandescent, 1000VA (750W) Magnetic Low-Voltage Lighting	White (Ivory kit included)
600 Watt Scene-Capable Dimming Wall Switch Receiver with One-Button Programming, 2-Way Communication and LED brightness display. Neutral connection required	HXM06-1TW	600W Incandescent, 600VA (450W) Magnetic Low-Voltage Lighting	White (Ivory kit included)
1000 Watt Scene-Capable Dimming Wall Switch Receiver with One-Button Programming, 2-Way Communication and LED brightness display. Neutral connection required	HXM10-1TW	1000W, 120V AC 60Hz Incandescent, 1000VA (750W) Magnetic Low-Voltage Lighting	White (Ivory kit included)
8 Amp Scene-Capable Electronic Switch Receiver (non-dimming) with One-Button Programming and 2-Way Communication. Neutral connection required	HXS08-1TW	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 DIMMERS AND SWITCHES

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	DRK0D-1LI	DRK0D-1LW	DRK0D-1LA	DRK0D-1LG	DRK0D-1LE

HXM06-1TW

1.73 (43.9) / 4.13 (104.9) / 3.28 (83.3) / 2.66 (67.6) / 2.38 (60.5) / 1.39 (35.3)

HXS08-1TW

1.73 (43.9) / 4.13 (104.9) / 3.28 (83.3) / 2.66 (67.6) / 2.38 (60.5) / 1.39 (35.3)

HCM06-1DW

1.73 (43.9) / 4.13 (104.9) / 3.28 (83.3) / 2.66 (67.6) / 2.38 (60.5) / 1.39 (35.3)

Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.

SPECIFICATIONS AND FEATURES

- New One Button Programming
- 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
- HCM06/10-1DW provides 3-way and multi-location capability when used with MS00R-10 Multi-Remote
- Soft On/Fade Off brightness levels extend 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
Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Residential Grade Receivers—Green Line

Scene-Capable Wall Dimmers

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.

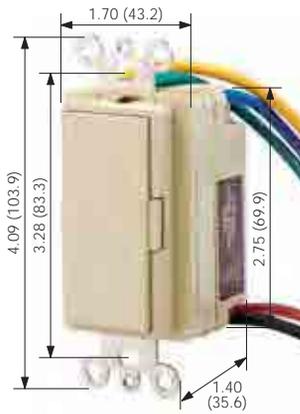| DESCRIPTION	CAT. NO.	RATING	COLOR
600 Watt Scene-Capable Dimming Switch— Single-pole and 3-way (multi-location) when used with MS00R Multi-Remote. Neutral not required for incandescent loads.	HCM06-1SW	600W Incandescent, 600VA (450W) Magnetic Low-Voltage 120V AC 60Hz	White (Ivory kit included)
1000 Watt Scene-Capable Dimming Switch— Single-pole and 3-way (multi-location) when used with MS00R Multi-Remote. Neutral not required for incandescent loads.	HCM10-1SW	1000W Incandescent, 1000VA (750W) Magnetic Low-Voltage 120V AC 60Hz	White (Ivory kit included)
10 Amp Scene-Capable Switch (Non-Dimming)— 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.	HCS10-1SW	1200W Incandescent, 1200VA Fluorescent and Magnetic Low-Voltage Lighting 10A-120V AC 60Hz	White (Ivory kit included)

HCM06-1SW

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
DRK0D-1LI	DRK0D-1LW	DRK0D-1LA	DRK0D-1LG	DRK0D-1LE

ROCKER AND FRAME KITS FOR HCS10-1SW

Cat. No. Ivory	Cat. No. White	Cat. No. Almond	Cat. No. Gray	Cat. No. Black
DRK0S-0LI	DRK0S-0LW	DRK0S-0LA	DRK0S-0LG	DRK0S-0LE
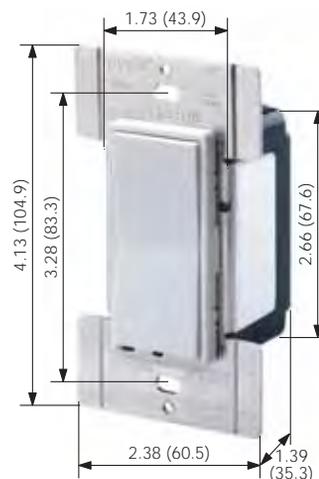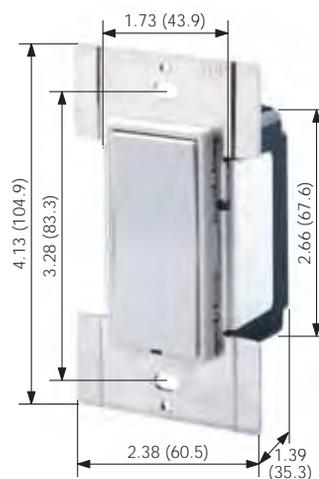
HCS10-1SW

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
Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Home Automation Products

Scene-Capable Plug-In Receiver Modules

HXP15-1TW

2.39 (60.6)
2.97 (75.3)
2.13 (53.9)
1.56 (39.5)

HCP03-10W

1.95 (49.7)
2.97 (75.3)
2.12 (54.0)
1.15 (29.2)

DESCRIPTION	CAT. NO.
Scene-Capable Plug-In Appliance Module with One-Button Programming and 2-Way Communication—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 fee-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. **Rated:** 120V AC 60 Hz, 1800W Incandescent, 1800VA Fluorescent, 15A Resistive, $1/2$ HP Motor loads @ 120V AC	HXP15-1TW
Scene-Capable Plug-In Lamp Module with One-Button Programming—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. **Rated:** 120V 60Hz, 300W Incandescent	HCP03-10W

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)

MATERIAL CHARACTERISTICS

Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

…

Residential Grade Receivers—Red Line

Wall Switch Receivers

DESCRIPTION	CAT. NO.
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. **Rated:** 15A 120V AC 60Hz Incandescent, Inductive or Resistive	**6291-WI**
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). **Rated:** 15A 120V AC 60Hz Incandescent, Inductive or Resistive	**6293-WI**

6293-WI
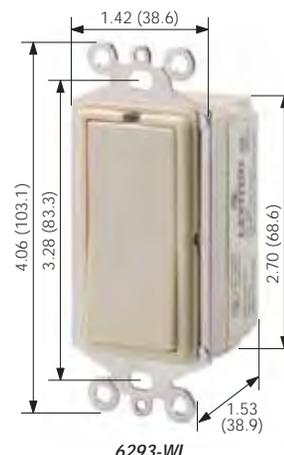
ROCKER AND FRAME KITS FOR 6383 SWITCH

Cat. No. Ivory	Cat. No. White
6081-I	6081-W

ROCKER AND FRAME KITS FOR 6291 AND 6293 SWITCH

Cat. No. Ivory
6091-I

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)

MATERIAL CHARACTERISTICS

Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Home Automation Products

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

LEVITON®

Residential Grade Receivers—Red Line

Wall Switch Remotes and Receivers Ⓤ Ⓢ

DESCRIPTION	CAT. NO.
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. **No Load Rating**—For use with 6293 and 6383 units only	**6294**
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. **Rated:** 20A 2 HP 250V AC 60Hz	**6371-I** **INTELLISENSE**™

6371-I

Dimensions:
- 1.70 (43.2)
- 4.09 (103.9)
- 3.28 (83.3)
- 2.75 (69.9)
- 1.40 (35.6)

ROCKER AND FRAME KITS FOR MS00R-10 REMOTE SWITCH

Cat. No. Ivory	Cat. No. White	Cat. No. Almond	Cat. No. Gray	Cat. No. Black
DRK0R-00I	DRK0R-00W	DRK0R-00A	DRK0R-00G	DRK0R-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)

COLOR

Colors available as indicated.

HORSEPOWER

Cat. No 6371-I: 2 HP @ 250V 20A

MATERIAL CHARACTERISTICS

Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Home Automation Products

DHC Residential Grade Receivers—Red Line
with Intellisense™Technology

RECEPTACLE Receivers Ⓤ Ⓒ INTELLISENSE™

DESCRIPTION	CAT. NO.
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 .	**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 lead 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-W** 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-W** NEMA 6-20R

CSA Certified except where indicated by★

1.70 (43.2) / 4.09 (103.9) / 3.28 (83.3) / 2.75 (69.9) / 1.40 (35.6)
6227-I

1.70 (43.2) / 4.09 (103.9) / 3.28 (83.3) / 2.75 (69.9) / 1.40 (35.6)
6280-W

1.70 (43.2) / 4.09 (103.9) / 3.28 (83.3) / 2.75 (69.9) / 1.40 (35.6)
6296-W

1.70 (43.2) / 4.09 (103.9) / 3.28 (83.3) / 2.75 (69.9) / 1.40 (35.6)
6298-I
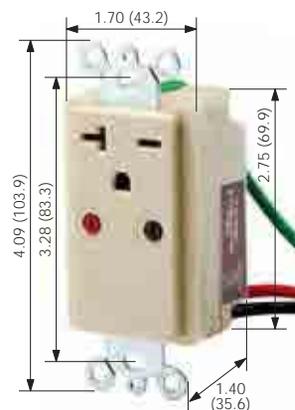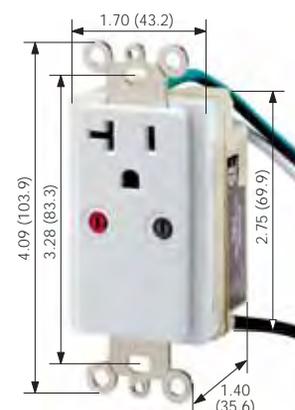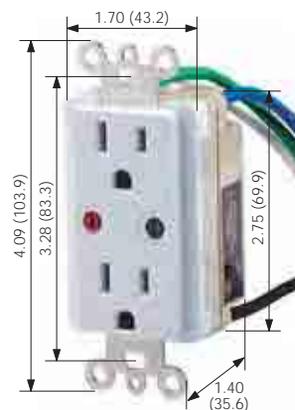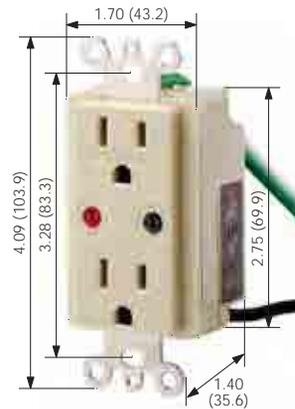
SPECIFICATIONS AND FEATURES

- 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)

COLOR

Colors available as indicated in Ivory (-I), White (-W) and Almond (-A).

MATERIAL CHARACTERISTICS

Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Home Automation Products

2.20 (55.9)

3.57 (90.7)

1.55 (39.5)

6337

2.10 (93.3)

2.95 (74.9)

1.30 (33.0)

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. 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	6337
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. **Rated:** 15A 120V 60Hz AC only, incandescent, inductive, or resistive.	6375
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. **Rated:** 300W incandescent 120V 60Hz AC only.	6376

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)

MATERIAL CHARACTERISTICS
Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

## DHC Residential Grade Network Integrity Products

with IntelliSense™ Technology

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
120/240V AC, Single-Phase—Standard J-box metal enclosure with pre-punched standard knockouts.	51120-1	50kA	500V
120/208V AC, 3-Phase WYE—Standard J-box metal enclosure with pre-punched standard knockouts.	51120-3	50kA	500V
120/240V AC, Single-Phase—NEMA 3R enclosure suitable for outdoor use	51120-3R	50kA	800V
120/240V AC, Single-Phase—Features sine wave tracking, redundant protection and replaceable/surge modules. NEMA 12 enclosure with hinged cover.	52120-M2H	100kA	400V
120/240V AC, Single-Phase Multimedia Panel—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

Note: A Panel Mount Surge Protective Device should be installed at the service panel in every DHC installation.

51120-1

4.75 (120.7)
3.50 (88.9)
2.2 (56.4)
Top View
8.13 (206.5)
5.50 (139.7)
6.50 (165.1)
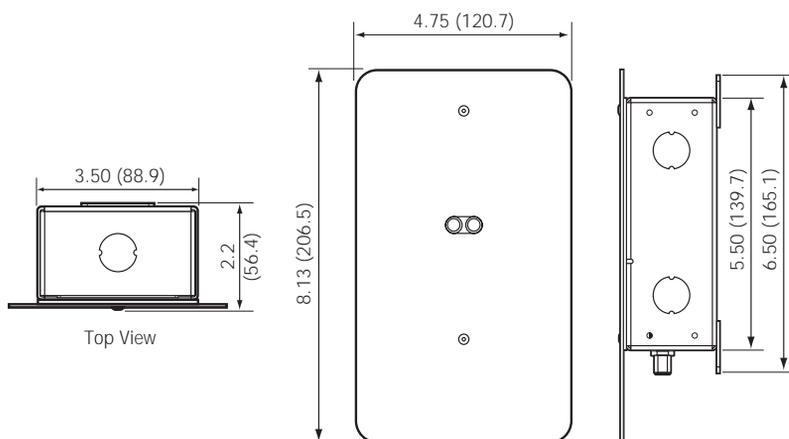
Multimedia Panel Surge Protective Device Cat. No. 51110-PTC

7.00 (177.8)
6.00 (152.4)
4.06 (103.1)
7.00 (177.8)
6.00 (152.4)
6.00 REF. (152.4)
6.00 REF. (152.4)
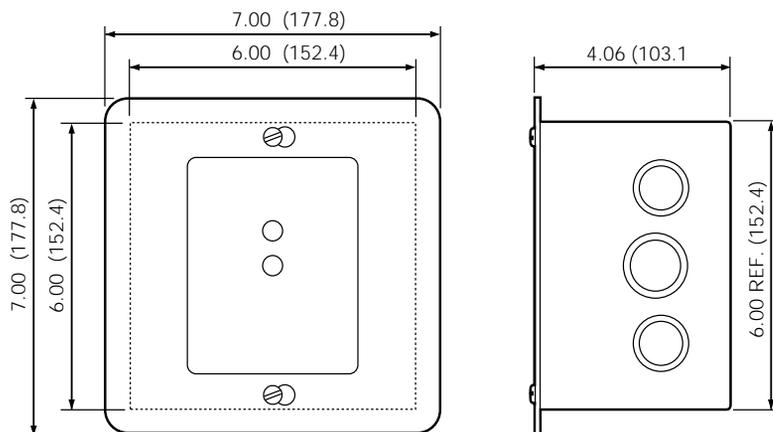
PANEL MOUNTED SURGE PROTECTIVE DEVICE Cat. No.51120-1,-3

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

Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: -10°C to 60°C

Home Automation Products

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15

Residential Grade Network Integrity Products

DHC Network Integrity Products ⓊⓁ Ⓒ⒮.

HCA02-10E

6299

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** INTELLISENSE™
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). **Rated:** 120/240V 60Hz AC only.	**6299**
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. **Rated:** 2-Phase 120/240V & 120/208V 60Hz AC only.	**6285**
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. **Rated:** 120V, 120/240V & 120/208V 60Hz AC—Max. 200 Amp panel.	**6284**

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

Engineering Thermoplasti UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

DHC Residential Grade Network Integrity Products
with Intellisense™ Technology

DHC Network Integrity Products ⓊⓁ ⓈⓇ

DESCRIPTION	CAT. NO.
Noise Block—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. **Rated:** 5A 120V 60Hz AC only.	**6287**
Plug-in Noise Filter—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. **Rated:** 5A 120V 60Hz AC only.	**6288**
In-Line Noise Reducer—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.	**6289**

DHC Powerline Carrier Test Equipment ⓊⓁ ⓈⓇ

Signal Strength Indicator—Measures command signal strength at individual module locations. Minimum signal strength required for proper DHC Powerline Carrier component operation is 100mV.	**6386**

1.85 (47.0)
1.58 (40.1)

6287

2.92 (74.2)
1.43 (36.2)

6288

2.60 (66.0)
Ø1.17 (29.7)
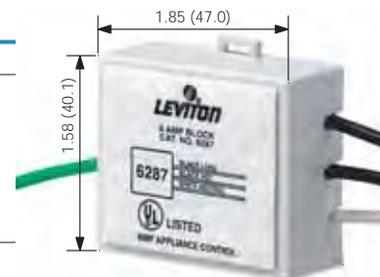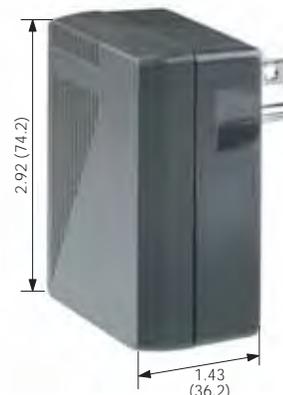
6289

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)

MATERIAL CHARACTERISTICS

Engineering Thermoplastic UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

6386

Home Automation Products

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HOW TO USE THIS CATALOG

The L-101 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-101 Catalog can be clearly copied or faxed to customers and prospects for use as a specifier 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.

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

Structured Cabling Systems

INDEX

LEVITON®

Quick Reference Guide

The following terms are used throughout this section to help users quickly identify special product features.

eXtreme® 10G

Our Category 6A solution enables advanced technologies, including new 10G and IP-based services. eXtreme 10G connectors feature patent-pending Cone of Silence and patented Retention Force Technology® (RFT) for unparalleled signal integrity.

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.

FastCAM™

Leviton's FastCAM fiber connectors are pre-terminated and factory polished to provide precision termination of single-mode or multimode fiber.

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.

LabelWare™

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 tine 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

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com

A D E J L

I B G K
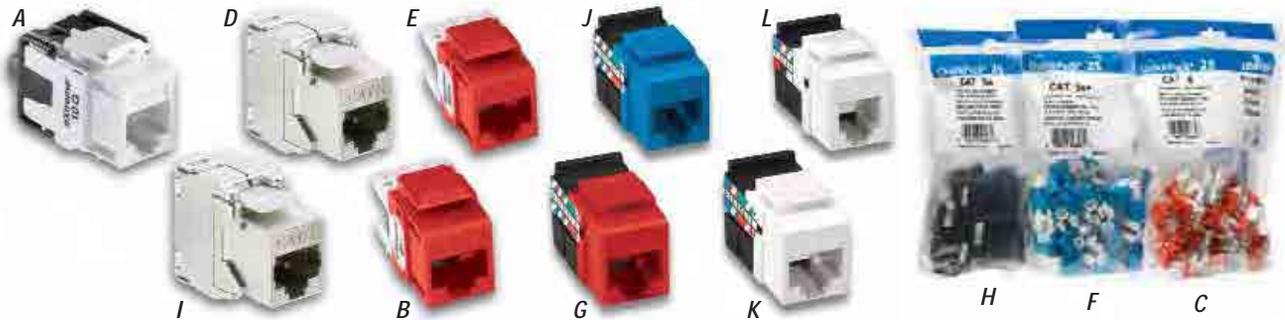
QuickPort Connectors for UTP and STP Copper Cable

A–I Leviton offers a variety of copper connectors from advanced CAT 6A (10G) to CAT 3 solutions. CAT 6A eXtreme® 10G, our highest performing connector featuring the Cone of Silence and Retention Force Technology®, (RFT), resists alien crosstalk (AXT) and offers unparalleled signal integrity. eXtreme 6+ and component rated GigaMAx 5e+ connectors also feature patented RFT for long term performance.

Shielded connectors in CAT 5e and CAT 6 ratings feature a robust, die-cast housing, provide protection from electromagnetic interference, and offer increased data security. Category 5 and Category 3 connectors offer an economical solution for a variety of applications.

All connectors feature standard QuickPort compatibility and universal color coded wiring labels and exceed industry performance standards. Available in 14 colors.
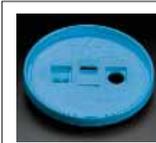
*Use a Leviton Field-Termination Coaster to quickly and easily punch down wires on any Leviton Category or Multimedia Connector.
For more information, call Sales Support at 1-800-922-6229.*

Quickport Snap-In Connectors

eXtreme® 10G Snap-In Connectors cULus ⚠ N11173

	DESCRIPTION	CAT. NO.
[A]	eXtreme 10G channel-rated connector	6110G-R*6
	Cone of Silence™ replacement pack (bag of 13)	61C05-B13

eXtreme® 6+ Connectors cULus ⚠ N11173

	DESCRIPTION	CAT. NO.
[B]	8-conductor eXtreme 6+ component-rated connector	61110-R*6
[C]	8-conductor eXtreme 6+ component-rated connectors QuickPack™ (25 per pack)	61110-B*6
[D]	eXtreme 6+ shielded channel-rated connector	6S180-SH6

GigaMax® 5e Connectors cULus ⚠ N11173

	DESCRIPTION	CAT. NO.
[E]	8-conductor GigaMax 5e+ component-rated connector	5G110-R*5
[F]	8-conductor GigaMax 5e+ component-rated connectors QuickPack™ (25 per pack)	5G110-B*5
[G]	8-conductor GigaMax 5e channel-rated connector	5G108-R*5
[H]	8-conductor GigaMax 5e channel-rated connectors QuickPack™ (25 per pack)	5G108-B*5
[I]	GigaMax 5e shielded channel-rated connector	5S180-SH5

Category 5 Connectors ⓊⓁ ⓈⓅ ⚠

	DESCRIPTION	CAT. NO.
[J]	8-conductor Category 5 connector	41108-R*5

Category 3 Connectors ⓊⓁ ⓈⓅ ⒸⒾ

	DESCRIPTION	CAT. NO.
[K]	8-conductor connector	41108-R*3

Voice Grade Connectors ⓊⓁ ⓈⓅ

	DESCRIPTION	CAT. NO.
[L]	6-conductor USOC connector	41106-R*6
	8-conductor USOC connector	41108-R*8

Color Choices

H F C

Ivory(I) White(W) Gray(G)

Black(E) Orange(O) Blue(L)

Crimson Red(C) Yellow(Y) Green(V)

Purple(P) Almond(A) Lt Almond(T)

Brown(B) Dk Red(R)

Note: Protect your Category 5e and 6 connectors from damage and debris with Leviton's field installable Shutters and Icons. See Labeling Products Page L60.

*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

Connectors

L

A

B

C

D

E

F

G   *H*

I–J

Connectors

QuickPort 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 puchdowns 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.leviton.com/.

Quickport 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†	41084-BIF	41084-BWF	41084-BAF	41084-BEF	41084-BGF
	BNC Adapter, gold-plated	40832-OBI	40832-OBW	40832-OBA		
[B]	F-type Adapter, nickel-plated†	41084-FIF	41084-FWF	41084-FAF	41084-FEF	41084-FGF
	F-type Adapter, gold-plated	40831-OBI	40831-OBW	40831-OBA		
[C]	S-Video Connector, 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	——	——
	RCA Jack, gold-plated w/green stripe†	40830-BIV	40830-BWV	——	——	——
	RCA Jack, gold-plated w/blue stripe†	40830-BIL	40830-BWL	——	——	——
[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.

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*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

L

LEVITON®

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	40837-BTE
[B]	Banana Jack Adapter, gold-plated w/red stripe	40837-BIR	40837-BWR	40837-BAR	40837-BTR
[C]	Binding Post Adapter gold-plated w/black stripe	40833-BIE	40833-BWE	40833-BAE	40833-BTE
[D]	Binding Post Adapter gold-plated 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.

HDMI and DVI Connectors

DESCRIPTION		CAT. NO. WHITE	CAT. NO. IVORY
	3.5mm Stereo Connector	40839-SWS	40839-SIS
[N]	HDMI Feed Through-Decora Style	41647-00W	41647-00I
[O]	DVI Feed Through	41648-00W	41648-00I

MATERIAL CHARACTERISTICS
• All module bodies are fire-retardant plastic rated UL 94V-0

Connectors

L 5

LEVITON®
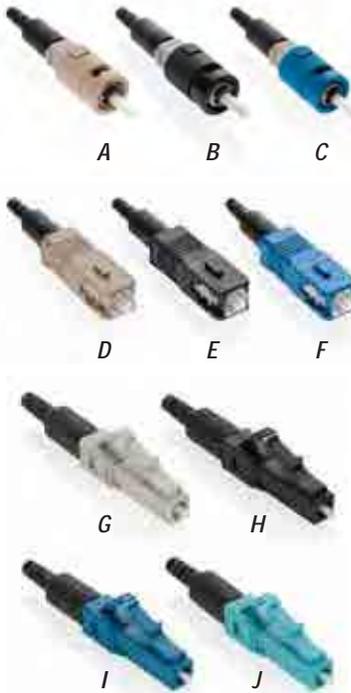
FastCAM™ Factory Polished Fiber Connectors

Pre-terminated and factory polished to provide precision termination of single-mode and multimode fiber. Available in LC, ST and SC styles to fit 250µm and 900µm cables with standard single-mode and standard multimode or laser-optimized multimode fiber options

FastCAM Fiber Connectors

DESCRIPTION	CAT. NO.
[A] FastCAM ST Multimode 62.5µm Connector	**49991-MST**
[B] FastCAM ST Multimode 50µm Connector	**49991-5ST**
[C] FastCAM ST Single-mode Connector	**49991-SST**
FastCAM Laser Optimized ST Multimode Connector	**49991-LST**
[D] FastCAM SC Multimode 62.5µm Connector	**49991-MSC**
[E] FastCAM SC Multimode 50µm Connector	**49991-5SC**
[F] FastCAM SC Single-mode Connector	**49991-SSC**
FastCAM Laser Optimized SC Multimode Connector	**49991-LSC**
[G] FastCAM LC Multimode 62.5µm Connector	**49991-MLC**
[H] FastCAM LC Multimode 50µm Connector	**49991-5LC**
[I] FastCAM LC Single-mode Connector	**49991-SLC**
[J] FastCAM Laser Optimized LC Multimode Connector	**49991-LLC**

Thread-Lock® Reusable Fiber Connectors, Multimode And Single-mode

K-M 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. Available in 62.5/125 and 50/125 multimode or single-mode versions. Each box of 50 connectors includes one tightening tool.

Thread-Lock Fiber Connectors

DESCRIPTION	CAT. NO. SINGLEMODE	CAT. NO. MULTIMODE
[K] SC Thread-Lock Connector	**49884-SSC** (blue)	**49884-MSC** (beige)
[L] FC Thread-Lock Connector	**49883-SFC**	**49883-MFC**
[M] ST Thread-Lock Connector	**49882-SST**	**49882-MST**

Thread-Lock Accessories

DESCRIPTION	CAT. NO.
[N] SC Duplex Clip for Thread-Lock Connector, black (bag of 25)	**49884-DPC**
[O] Silicon Build-up Sleeve Kit, includes one of each type (bag of 10)	**49885-SBS**
Nylon Retention Sleeve (bag of 10)	**49855-SLV**

MT-RJ Fiber Connectors, Multimode

P, Q Leviton 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.

MT-RJ Fiber Connectors

DESCRIPTION	CAT. NO.
[P] 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**
[Q] High-Density MT-RJ Workstation Connector, multimode, 62.5 µm	**49888-6SW**
High-Density MT-RJ Workstation Connector, multimode, 50.0 µm	**49888-5SW**

Note: For a complete listing of Fiber Optic Tools, see the Tools section, Pages L62–L64.

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. SINGLE-MODE	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. SINGLE-MODE	CAT. NO. MULTIMODE
[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–L 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] QuickPort MT-RJ Adapter, for Frame-Station Connector	49889-QF*
[I] 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
[J] 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
[K] QuickPort Multimode Simplex SC Adapter Module, Phos Bronze	41085-M*C
QuickPort Singlemode Simplex SC Adapter Module, Zirconia Ceramic	41085-S*C
[L] 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)

A **B** **C** **D** **E** **F** **G** **H** **I** **J** **K** **L**

Connectors

*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 L8–L17 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 L63.

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
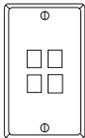
QuickPort
Wallplates with standard-sized openings designed to accommodate QuickPort connectors or adapters.
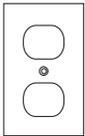
Flush Mount
Wallplates designed to fit smoothly against a wall, with a minimum profile.
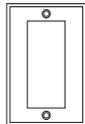
Decora®
Wallplates with standard-sized openings designed to accommodate Decora Inserts.

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.
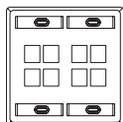
Dual-Gang
The standard double wallplate width of 4.625" W x 4.53" H.

Wall Jack
A wallplate preconfigured with some kind of connector or adapter.
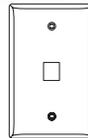
Midsize
A wider (3.12" W x 4.87" H) single-gang wallplate designed to disguise flaws in drywall or provide a designer silhouette.

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.
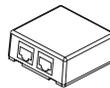
Type 104 (Duplex)
A NEMA-style of surface-mount box, with two outlets or openings, common for use with telephone jacks on walls or along baseboards.
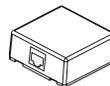
Type 103 (Single)
Identical to the type 104 box, but featuring only one outlet.

Acenti™ Insert
QuickPort inserts designed to snap into Acenti wallplates.
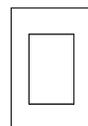
Acenti Wallplate
Sleek, low-profile plates available in 1–6 gang styles accept a variety of QuickPort and other inserts for voice, data, electro-mechanical, lighting control, GFCI and more.

Wallplates and Housings

L

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

QuickPort Decora Multimedia Inserts

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.

For Decora-style F-connector and Telephone Wall Jack Inserts, see page L19.

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	41642-0GY	41642-00E	41642-00A	41642-00B
3-Port Insert†	41643-00I	41643-00W	41643-0GY	41643-00E	41643-00A	41643-00B
4-Port Insert†	41644-00I	41644-00W	41644-0GY	41644-00E	41644-00A	41644-00B
6-Port Insert†	41646-00I	41646-00W	41646-0GY	41646-00E	41646-00A	41646-00B
Blank Insert†	80414-00I	80414-00W	80414-0GY	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).

Wallplates and Housings

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9

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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 or use pre-printed labels. See pages L59-L60.

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, NEC Article 800 compliant.

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

Wallplates and Housings

L

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 connector or adapter. Ideal in environments that demand 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-0SP

Note: Leviton also offers Voice-Grade Wall Phone Jacks. (See pages L3–L7.)

QuickPort Wallplate Inserts

QUICKPORT DUPLEX/QUAD 106 INSERTS

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 L60) 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. LT. ALMOND	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. GRAY	CAT. NO. BLACK
QuickPort Duplex 106 Insert only	41087-2TP	41087-2IP	41087-2WP	41087-2GP	41087-2EP
QuickPort Quad 106 Insert only	41087-QTP	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 INSERTS

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. QuickPort floor jacks will fit standard metal boxes 3" x 2", 3" x 2 1/8" 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
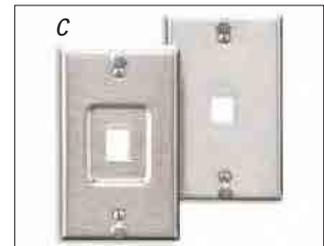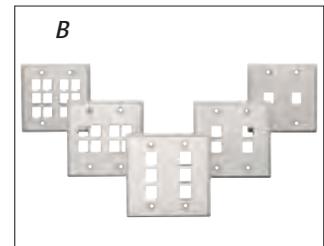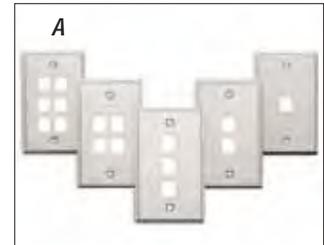
NOTE: Wallplate included with each QuickPort Floor Jack Insert.

Wallplates and Housings

Steelcase Series

Herman Miller® series (shown with 49910-SE4 and Herman Miller's "Reducer" G1189A)

Haworth® Panels

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.

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.

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.leviton.com.

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.
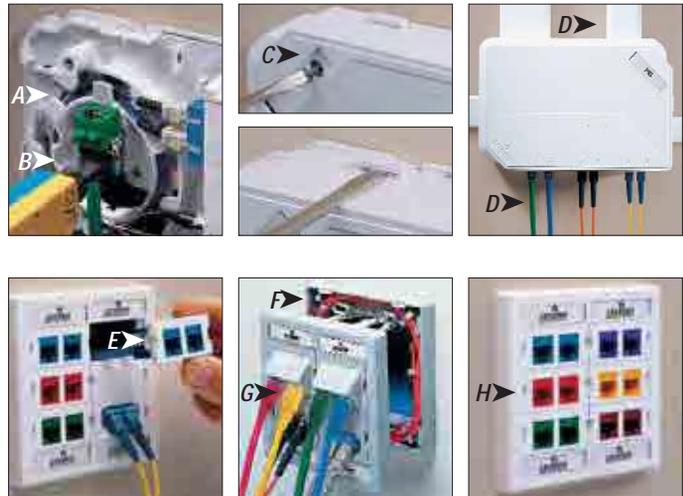
Wallplates and Housings

Styles

Configurations for MOS Wallplates
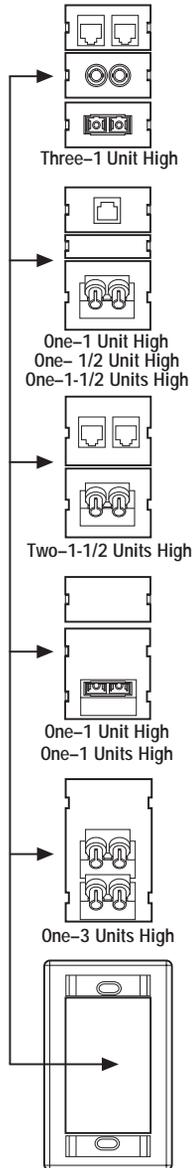
Three–1 Unit High

One–1 Unit High
One–1/2 Unit High
One–1-1/2 Units High

Two–1-1/2 Units High

One–1 Unit High
One–1 Units High

One–3 Units High

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 HD-15 Screw Terminal	**41295-HD•**
	1 Duplex ST® Adapter, (1 unit high) (phos. bronze sleeve)	**41291-2T***
	1 Duplex ST® Adapter, (1 unit high) (zirconia ceramic sleeve)	**41291-ZT***
	1 Duplex FC Adapter (1 unit high) (phos. bronze sleeve)	**41291-PF***
	1 Duplex FC Adapter (1 unit high) (zirconia ceramic sleeve)	**41291-ZF***
	1 Duplex SC Adapter (1 unit high) (phos. bronze sleeve)	**41291-PC***
	1 Duplex SC Adapter (1 unit high) (zirconia ceramic sleeve)	**41291-2C***
	Blank Module (1 unit high)	**41291-1B***
	Blank Module HD-15 Insert Module	**41291-DB°**
	1 RCA Component (Y, W, R) 110	**41292-AV•**
	1 RCA Component (R, G, B) 110	**41292-DV•**
	1 Decora Converter Strap	**41649-00•**

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® Adapter 45˚ exit, SM/MM (1.5 units high) (phos. bronze sleeve)	**41294-2T***
	1 Duplex ST® Adapter 45˚ exit, SM/MM (1.5 units high) (zirconia ceramic sleeve)	**41294-ZT***
	1 Duplex FC Adapter 45˚ exit, SM/MM (1.5 units high) (phos. bronze sleeve)	**41294-PF***
	1 Duplex FC Adapter 45˚ exit, SM/MM (1.5 units high) (zirconia ceramic sleeve)	**41294-ZF***
	1 Duplex SC® Adapter 45˚ exit, SM/MM (1.5 units high) (phos. bronze sleeve)	**41294-PC***
	1 Duplex SC® Adapter 45˚ exit, SM/MM (1.5 units high) (zirconia ceramic sleeve)	**41294-2C***
	1 Duplex ST® Adapter 45˚ exit, SM/MM (2 units high) (phos. bronze sleeve)	**41292-2T***
	1 Duplex ST® Adapter 45˚ exit, SM/MM (2 units high) (zirconia ceramic sleeve)	**41292-ZT***
	1 Duplex FC Adapter 45˚ exit, SM/MM (2 units high) (phos. bronze sleeve)	**41292-PF***
	1 Duplex FC Adapter 45˚ exit, SM/MM (2 units high) (zirconia ceramic sleeve)	**41292-ZF***
	2 Duplex SC® Adapter 45˚ exit, SM/MM (2 units high) (phos. bronze sleeve)	**41292-PC***
	2 Duplex SC® Adapter 45˚ exit, SM/MM (2 units high) (zirconia ceramic sleeve)	**41292-2C***
	2 Duplex ST® Adapter 45˚ exit, SM/MM (3 units high) (phos. bronze sleeve)	**41293-4T***
	2 Duplex ST® Adapter 45˚ exit, SM/MM (3 units high) (zirconia ceramic sleeve)	**41293-ZT***
	2 Duplex FC Adapter 45˚ exit, SM/MM (3 units high) (phos. bronze sleeve)	**41293-PF***
	2 Duplex FC Adapter 45˚ exit, SM/MM (3 units high) (zirconia ceramic sleeve)	**41293-ZF***
	2 Duplex SC® Adapter 45˚ exit, SM/MM (3 units high) (phos. bronze sleeve)	**41293-PC***
	2 Duplex SC® Adapter 45˚ exit, SM/MM (3 units high) (zirconia ceramic sleeve)	**41293-4C***

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 L23) or to metal surfaces with magnets (page L23).

Note: Identify all your connections with Leviton LabelWare System wallplate and housing labels (See page L60.)

Designation window accepts hand-written indications, field-printed labeling systems, Leviton LabelWare™ or pre-printed port ID labels (see page L59).

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.

4-, 6- and 12-port surface-mount housings are compatible with Leviton's modular furniture mounting brackets and magnets (see page L24).

Port identification areas reside next to numbered ports.

In-port connector termination stations provide stability during punchdown.

Wallplates and Housings

LEVITON®

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B *A*

C *D* *E*

QuickPort 1-, 2-, 4-, 6-, and12-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 Connectors (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: Connectors 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.

Wallplates and Housings

L

E

A   B   C   D

F

Acenti Wallplates, QuickPort® Inserts and Connectors

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 or call Leviton Customer Service at 1(800) 323-8920.

Acenti QuickPort Multimedia Inserts

DESCRIPTION	CAT. NO.
[A] 2-Port Acenti QuickPort Insert	AC642
[B] 3-Port Acenti QuickPort Insert	AC643
[C] 4-Port Acenti QuickPort Insert	AC644
[D] 6-Port Acenti QuickPort Insert	AC646

Acenti Wallplates

DESCRIPTION	CAT. NO.
[E] Single-Gang Acenti Wallplate	ACWP1
[F] 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 Connectors on page L3–L7. Configured versions also meet FCC Part 68

Acenti® QuickPort® Snap-In Connectors

DESCRIPTION	CAT. NO.
GigaMax® Cat 5e Channel-Rated Connector	AC108-R*5
[G] BNC Adapter, Nickel-Plated	AC084-B*F
BNC Adapter, Gold-Plated	AC832-0B*
F-Type Adapter, Nickel-Plated	AC084-F*F
[H] F-Type Adapter, Gold-Plated	AC831-0B*
[I] S-Video Module, 110 Termination	AC734-SV*
[J] Blank Insert (Pack of 10)	AC084-B*B
RCA Jack, Gold-Plated w/Red Stripe	AC830-B*R
[K] RCA Jack, Gold-Plated w/Black Stripe	AC830-B*E
RCA Jack, Gold-Plated w/Yellow Stripe	AC830-B*Y
[L] Banana Jack, Gold-Plated w/Red Stripe	AC837-B*R
Banana Jack, Gold-Plated w/Black Stripe	AC837-B*E
Binding Post Adapter, Gold-Plated w/Red Stripe	AC833-B*R
[M] Binding Post Adapter, Gold-Plated w/Black Stripe	AC833-B*E
RCA 110 Termination Connector, Orange Inner Barrel	AC735-R0*
RCA 110 Termination Connector, Red Inner Barrel	AC735-RR*
RCA 110 Termination Connector, White Inner Barrel	AC735-RW*
RCA 110 Termination Connector, Yellow Inner Barrel	AC735-RY*

G

H

J

I

K

L

M

*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).

Wallplates and Housings

A

B

C

D

Standard Telephone/Video Wall Jacks

TYPE 625B4 MODULAR WALL JACK

Includes jack, plate, and mounting hardware. Fits standard NEMA wallboxes. Screw terminals. UL Listed and CSA Certified or cULus Listed. Standard 6P4C (item A) 625B4 Modular Wall Jacks feature lead-frame design for reliability and ease of installation.

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
[A] 6-Position, 4-Conductor	40249-000†	40249-00I†	40249-00W†	40249-00A†	40249-00T†
6-Position, 6-Conductor	——	40238-00I	40238-00W	——	40238-00T
8-Position, 8-Conductor	——	40280-00I	40280-00W	——	40280-00T

Type 625B4 Modular Wall Jack—Smooth Finish ⓤ ⓢ®, Midway Plate

DESCRIPTION	CAT. NO. BROWN	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. LT ALMOND
6-Position, 4-Conductor	40549-000	40549-00I	40549-00W	40549-00T
[B] 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

C 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

D 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	——	——	40258-00T

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	CAT. NO. LT ALMOND
Decora Single Modular Wall Jack, 6-position 4-conductor	40949-0ID	40949-0WD	40949-0TD
Decora Duplex Modular Wall Jack, 6-position 4-conductor	40944-0ID	40944-0WD	40944-0TD
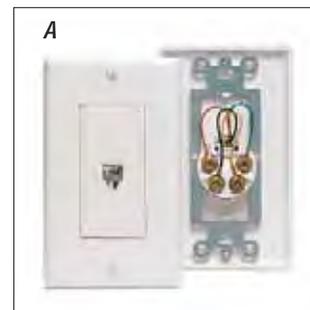
TYPE 625 DECORA MODULAR WALL JACKS

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	40649-0GY	40649-00E	40649-00A	40649-000
6-position 6-conductor†	40638-00I	40638-00W	40638-0GY	40638-00E	40638-00A	40638-000
8-position 8-conductor	40680-00I	40680-00W	40680-0GY	——	——	——

† Note: Cat. No. 40680 also available in Light Almond (40680-00T)
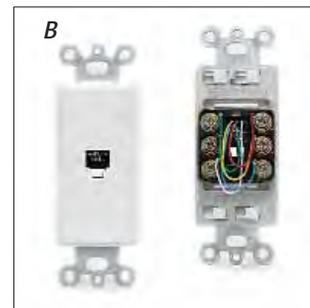
DECORA TV/PHONE COMBINATION JACK

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	CAT. NO. LT ALMOND
Decora TV/Phone Combination Jack, 6-position 4-conductor	40959-0ID	40959-0WD	40959-0TD
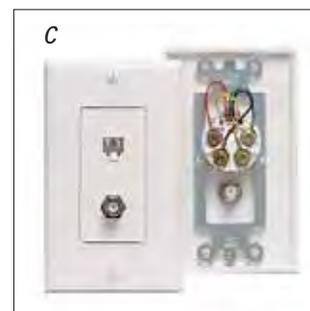
Midway Telephone and Telephone/F-Connector Wall Jacks

MIDWAY WALL JACKS

D, E 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.
[D] Midway Video Wallplate with F-Connector†	40539-0M*
[E] Midway Video Wallplate without F-Connector (hexagonal opening only)	40539-HM*
Midway Phone Wallplate with 6P4C Voice Grade Connector	40539-PM*
Midway Wallplate with 6P4C Voice Grade Connector & F-Connector	40539-CM*
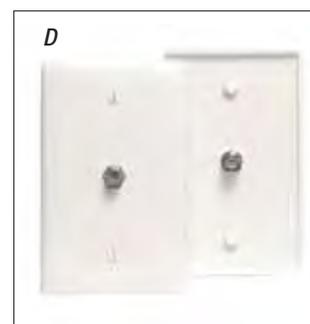
TYPE 625B MIDWAY DUPLEX WALL JACKS

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

Note: Part Numbers 40544 and 40588 are also available in Light Almond (40544-00T and 40588-00T)

*COLOR/MIDWAY WALLPLATES

For color selection, add suffix to catalog number as follows: Ivory (I), White (W), Almond (A), Brown (B), Light Almond (T)

A
B
C
D

Wallplates and Housings

A

B

C

D

E

F

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	CAT. NO. LT ALMOND
6-Position, 4-Conductor	40253-00I	40253-00W	40253-0GY	40253-00A	40253-00T
6-Position, 6-Conductor	40263-00I	40263-00W	——	——	40263-00T

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
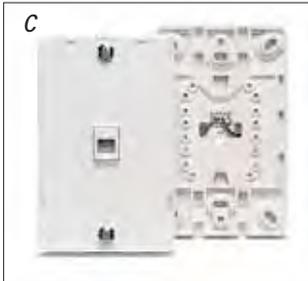
WALL PHONE JACK

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	CAT. NO. LT ALMOND
Wall Phone Jack	40914-00I	40914-00W	40914-00A	40914-00T
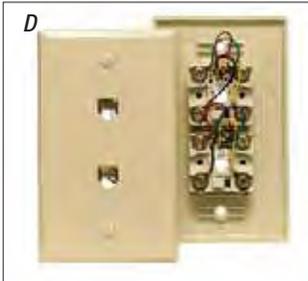
TYPE 625B3 DUPLEX WALL JACK

D 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

*NOTE: Part Number 40244 is also available in Almond (40244-00A), Light Almond (40244-00T) and Brown (40244-000) versions.
† NOTE: Part Number 40266 is also available in Light Almond (40266-00T)

TYPE 630A SCREW TERMINAL WALL JACK WITH PLASTIC WALLPLATE

E 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	CAT. NO. LT ALMOND
6-position, 4-conductor	40257-00I	40257-00W	40257-00T
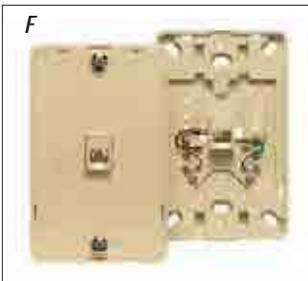
TYPE 630A SCREW TERMINAL WALL JACK WITH SNAP-ON PLASTIC WALLPLATE

F 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	CAT. NO. LT ALMOND
6-position, 4-conductor	40214-00I	40214-00W	40214-00A	40214-00T
6-position, 6-conductor	40216-00I	40216-00W	——	40216-00T

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.

A

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: Part Numbers 41364 and 41361 are also available in Light Almond (41364-00T and 41361-00T)
Note: Wallplate ordering information can be found on pages L8–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.

B

Type 105 Flush Mount Modular Jack ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. LT ALMOND
One 6-Position, 4-Conductor Jack	41054-IDD	——	41054-TDD
One 8-Position, 8-Conductor Jack, T568B Ⓒ	41058-IDA	41058-WDA	——

Note: Wallplate ordering information can be found on pages L8–L11.

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.

C

Type 625B Round Modular Jack Wallplate Insert and Wallplate ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO. IVORY	CAT. NO. LT ALMOND
Type 625B Round Modular Jack	40201-00I	40201-00T
Round Modular Jack Wallplate	80704-00I	80704-00T
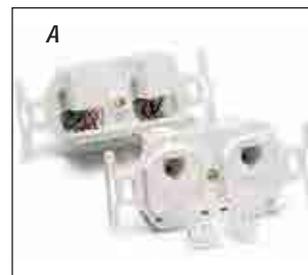
MATERIAL CHARACTERISTICS

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.

Wallplates and Housings

A

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.

B

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.

C

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	CAT. NO. LT ALMOND
6-Position, 4-conductor Jack	41034-IDA	——	41034-TDA
6-Position, 6-conductor Jack	41036-IDA	——	41036-TDA
8-Position, 8-conductor USOC Jack	41038-IDA	——	41038-TDA
8-Position, 8-conductor T568B Category 3 compliant Jack	41038-IDB	41038-WDB	41038-TDB

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 L23). UL Listed and CSA Certified.

Type 104 Duplex Surface Mount Modular Jack ⓤ ⓢ

DESCRIPTION	PORT DESIGNATIONS		CAT. NO. IVORY	CAT. NO. LT ALMOND
Two 4-Conductor Jacks	Line 1	Line 2	41044-IDA	41044-TDA
Two 6-Conductor Jacks	Line 1	Line 2	41046-IDA	41046-TDA
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	41048-TDB
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	CAT. NO. LT ALMOND
6-Position 4-Conductor	4625A-24I	4625A-24W	——	4625A-24T
6-Position 6-Conductor	4625A-26I	4625A-26W	——	4625A-26T
8-Position 8-Conductor	40278-00I	40278-00W	40278-00G	40278-00T
8-Position 8-Conductor (with shorting bar, RJ31X)	40278-SBI	——	——	40278-SBT
8-Position 4-Conductor (with shorting bar, RJ31X)	40274-SBI	——	——	——

Wallplates and Housings

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).

A   B

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	**42777-1IA**	**42777-1WA**	**42777-1GA**	**42777-1EA**
[B] Single-Gang 1.45" deep	**42777-1IB**	**42777-1WB**	**42777-1GB**	**42777-1EB**
[C] Dual-Gang 1.89" deep	**42777-2IA**	**42777-2WA**	**42777-2GA**	**42777-2EA**
[D] Dual-Gang 1.45" deep	**42777-2IB**	**42777-2WB**	**42777-2GB**	**42777-2EB**

C   D
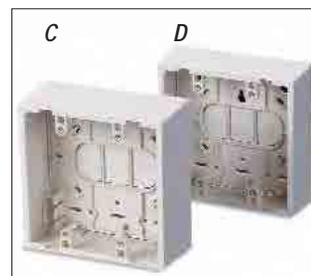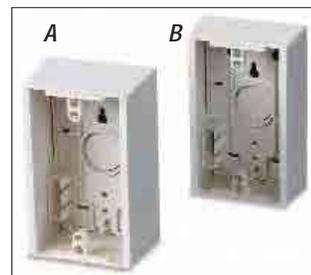
MAGNETS

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.

E

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®, Teknion® and Westinghouse®	**49222-BLK**
[G] For Herman Miller Ethospace® and Steelcase Avenir®	**49222-ESP**
[H] For Herman Miller Action Office®	**49222-HAO**

F   G   H
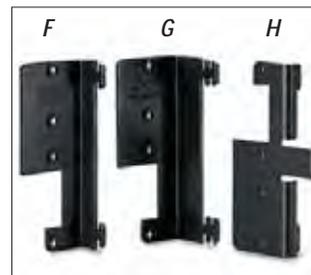
Wallplates and Housings

24-Port [1.75" H x 19.0" W]
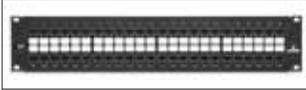
48-Port [3.5" H x 19.0" W]

Recessed Angled 48-Port [3.5" H x 19.0" W x 4.8" D]

Category 6A (10G) Performance System

Leviton's eXtreme® 10G System, featuring Cone of Silence™ and Retention Force Technology®, supports backwards compatibility for 1G and 10/100 Ethernet, as well as advanced new 10G Base-T applications. Patent pending Cone of Silence blocks alien crosstalk (AXT) between neighboring connectors. Retention Force Technology ensures error-free performance over the life of the system by reinforcing tine contacts even when 4- or 6-pin plugs have been used.

EXTREME 10G QUICKPORT® PATCH PANELS

Preloaded with black eXtreme 10G connectors, panels offer universal T568A/B wiring compatibility, 110-style IDC termination field, and labeling surfaces. Available in standard and angled styles.

CAT 6A Performance QuickPort® Patch Panels

DESCRIPTION	CAT. NO.
24-Port QuickPort Patch Panel preloaded with eXtreme® 10G Connectors, 1RU	6910G-U24
48-Port QuickPort Patch Panel preloaded with eXtreme 10G Connectors, 2RU	6910G-U48
48-Port High-Density QuickPort Patch Panel kitted with 48 eXtreme 10G connectors and cable management bar, 1RU	6910G-D48

SPECIFICATIONS AND FEATURES

- Guaranteed to exceed the current TIA CAT 6A specifications for all AXT, NEXT, FEXT, PSNEXT, PSELFEXT, PSACR Insertion Loss and Return Loss, with tested transmission performance
- Exceeds TIA 568 B.2-10 channel performance when installed with Leviton approved 10G cable
- ETL verified to comply with and guaranteed to meet IEEE 802.3an 10GBASE-T and TIA Cat 6A standards
- Proprietary technology allows the channel to surpass proposed "6 around 1" Alien Crosstalk (AXT) test requirements

Wallplates and Housings

12-Port Patch Block
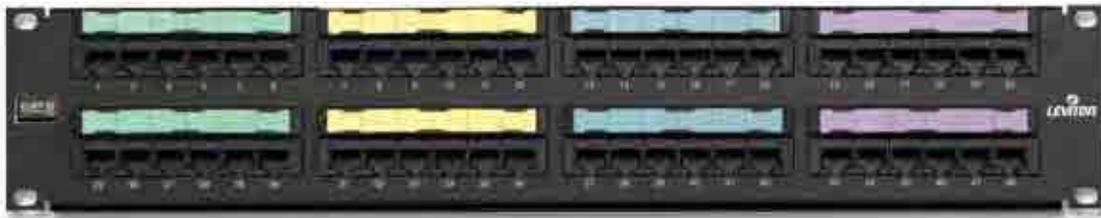
eXtreme® 6+ Universal Patch Panels

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.

Patch panels feature advanced cable management 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.

eXtreme 6+ Universal Patch Panels Ⓤ ⚠ N11175

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

QuickPort Category 6 Patch Panels are provided in a kit with black eXtreme 6+ connectors and are available in 24- and 48-port versions. IRU 48-port panel provides extra density in minimal space. 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, IRU Patch Panel with eXtreme 6+ Connectors	1.75"H x 19"W	69270-U24
48-Port, 2RU Patch Panel with eXtreme 6+ Connectors	3.5"H x 19"W	69270-U48
48-port, IRU QuickPort High Density Patch Panel with eXtreme 6+ Connectors with cable mgmt bar		69270-D48

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-O.

STYLES

12-Port Panel

24-Port Panel
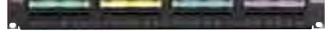
48-Port Panel

48-Port Panel
with Centralized Labels

96-Port Panel
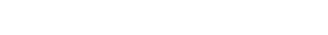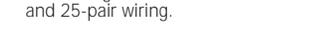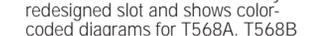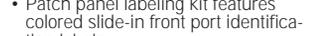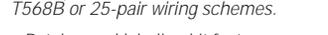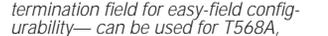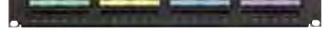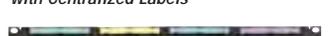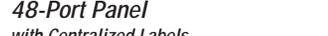
FEATURES

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.

Connectors

Copper Components

UNIVERSAL T568A & T568B

STYLES

12-Port

24-Port

48-Port

48-Port
with Centralized Labels

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-O.

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. 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. 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 meet all requirements of the latest published TIA guidelines.

Universal GigaMax 5e Patch Panels ⓊⓁ ⚠ N11173

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 x19.0"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 ⓊⓁ ⚠ N11173

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) ⓊⓁ ⚠ N11173

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*

GigaMax 5e QuickPort® Patch Panels

QuickPort Category 5e Patch Panels are provided in a kit with 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, IRU Patch Panel with GigaMax 5e+ Connectors	1.75"H x 19"W	5G270-U24
48-Port, 2RU Patch Panel with GigaMax 5e+ Connectors	3.5"H x 19"W	5G270-U48
48-port, 1RU Patch Panel with GigaMax 5e+ Connectors, cable mgmt bar		5G270-D48

Note: Use Leviton's LabelWare™ System to quickly label your QuickPort panels. See Page L57.

extreme® 6+, GigaMax™ 5e and QuickPort® Angled Patch Panels

Simplify cable management, ease patch cord access, and increase rack density with Angled Patch Panels from Leviton.

Panels are available in eXtreme 6+ or GigaMax 5e Universal/110-style Angled versions. Field-configurable QuickPort versions accommodate any style of QuickPort connector, and are available empty, or as kits with either Gigamax 5e+ or extreme 6+ QuickPort connectors.

All Universal panels feature 110-style punchdowns and reversible rear designation labels with color-coded wiring diagrams for T568A, T568B and 25-pair configurations.

An array of accessories, including Horizontal Ring, 1RU and 2RU Angled Blank Panel Inserts, Transitional Cover and Angled Cable Management Bar improves rack management.

All panels mount in standard 19" equipment racks and accommodate side cable entry. All panels are cULus Listed and meet or exceed all requirements of applicable Category ratings.

A

B

C

D

E

Angled Universal/110 Patch Panels

DESCRIPTION	DIMENSIONS	CAT. NO.
eXtreme 6+ Angled Patch Panel, 48-Port, 2RU	3.5" x 19.0" x 4.8"	**69587-U48**
GigaMax 5e Angled Patch Panel, 48-Port, 2RU	3.5" x 19.0" x 4.8"	**5G597-U48**

Angled QuickPort 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**
High Density Angled Patch Panel, 72-Port, 2RU, w/cable mgmt bar, sold empty		**49256-D72**
QuickPort Angled Patch Panel, 1RU, sold empty		**49256-H24**
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 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**
	Angled Horizontal Patch Cord Organizer, 1RU	**49254-LPM**
	Angled Horizontal Patch Cord Organizer, 2RU	**49254-BCM**

Copper Components

LEVITON®
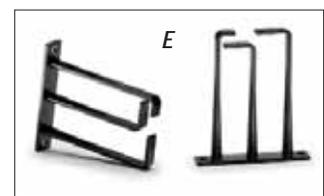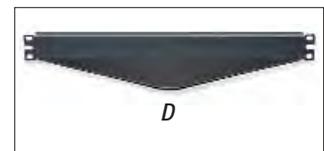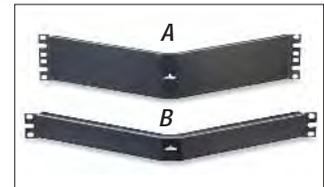
STYLES

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.

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** **49257-QID**

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)	**47689-0QP**

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 LabelWare™ System to quickly label your QuickPort panels. See Page L59.

High Density Patch Panels

Leviton's high density 1RU 48-port and 2RU 72-port style patch panels provide the extra density you need along with robust performance. The 1RU 48-port patch panels feature industry-first, die-cast aluminum construction for high-strength and low weight and include a heavy-duty cable management bar to support the terminated cables. They are sold empty or kitted with 48 category-rated QuickPort connectors. The 72-port super-high density panels are sold empty in flat, angled and recessed-angle configurations.

High Density Patch Panels

	DESCRIPTION	CAT. NO.
	High-Density 48-Port Patch Panel w/ CAT 6A connectors, cable management bar	**6910G-D48**
	High-Density 48-Port Patch Panel w/CAT 6 connectors, cable management bar	**69270-D48**
	High-Density 48-Port Patch Panel w/CAT 5e connectors, cable management bar	**5G270-D48**
[A]	High-Density 48-Port Patch Panel, empty, w/cable management bar	**49255-D48**
	High-Density Cable Management Bar, sold separately	**49005-DMB**
[B]	High-Density 72-Port Patch Panel	**49255-D72**
	High-Density 72-Port Angled Patch Panel	**49256-D72**
	High-Density 72-Port Recessed Angled Patch Panel	**4W256-D72**
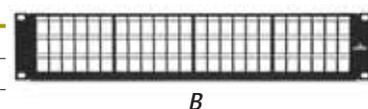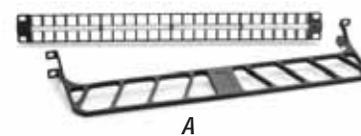
VertiGO™ Zero-U Patch Panels

Leviton's new VertiGO Zero-U Patch Panels with Opt-X® and QuickPort Adapter Plate compatibility (sold separately) provide the ideal solution for copper and fiber connectivity in limited space without taking up any horizontal rack space.

VertiGO Zero-U Panels

	DESCRIPTION	CAT. NO.
[C]	QuickPort 12-Port Zero-U Patch Panels, panel only	**49280-QP0**
	QuickPort 12-Port Zero-U Patch Panel, panel w/ 3" wire channel	**49280-QP3**
	QuickPort 12-Port Zero-U Patch Panel, panel w/ 6" wire channel	**49280-QP6**
[D]	Opt-X Adapter Plate Zero-U Patch Panel, panel only	**49280-AP0**
	Opt-X Adapter Plate Zero-U Patch Panel, panel w/ 3" wire channel	**49280-AP3**
	Opt-X Adapter Plate Zero-U Patch Panel, panel w/ 6" wire channel	**49280-AP6**
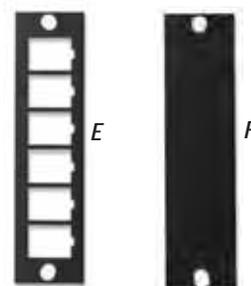
QuickPort & Opt-X Adapter Plates

	DESCRIPTION	CAT. NO.
[E]	Opt-X Adapter Plate, 6-Pack QuickPort, sold empty	**5F100-QP6**
[F]	Opt-X Adapter Plate, Blank	**5F100-BLK**
[G]	Opt-X Adapter Plate, 6-Pack Duplex LC MM, (12-fiber) beige, phos. bronze sleeve	**5F100-12P**
[H]	Opt-X Adapter Plate, 6-Pack Duplex LC MM, (12-fiber) aqua, zirconia ceramic sleeve	**5F100-12A**
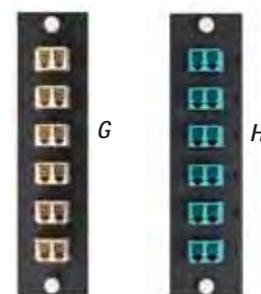
Shielded Patch Panel

Shielded patch panel provides both EMI protection and data security. Panel accepts Leviton's QuickPort Shutter Kit for labeling options and includes grounding wire and nickel-plating for improved grounding, cable management bar and cable ties

QuickPort Shielded Patch Panel

	DESCRIPTION	CAT. NO.
[I]	QuickPort Shielded Patch Panel, 24-Port, 1RU	**4S255-S24**

VERTIGO FEATURES

- Ideal for data center cabinets and other high-density network spaces.
- Mounts on the back rail of cabinets utilizing industry standard RU fastener spacing.
- Can be installed on the right or left of the cabinet.
- Can share mounting hardware with servers or other existing equipment.

A

B

C *D*

E *F*

G *H*

I

Copper Components

STYLES

24-Port

48-Port

FEATURES

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	**49014-J24**	**49014-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.

DuraPort™ Industrial Connectivity

Moisture, dust, corrosion, acids, detergents, oils, and vibration – each presents a serious threat to network connectivity, especially with repeated exposure. Defeat these threats with patent pending DuraPort Industrial Connectivity products, Leviton's IP67-rated line of connector housings, patch cords, and wallplates.

DuraPort™ Industrial Connector Housings

DESCRIPTION	CAT. NO.
[A] CAT 6 Industrial Connector Housing w/Connector Cap	D6706-00E
" CAT 5e+ Industrial Connector Housing w/Connector Cap	D675E-00E
" Connector Cap	D6701-00E

A Connector Housings

DuraPort™ Industrial Stainless Steel Wallplates

DESCRIPTION	CAT. NO.
[B] Industrial Wallplate, S/S, 1-Port, Single-Gang	D6710-1S1
" Industrial Wallplate, S/S, 2-Port, Single-Gang	D6710-1S2
" Industrial Wallplate, S/S, 2-Port, Dual-Gang	D6710-2S2
" Industrial Wallplate, S/S, 4-Port, Dual-Gang	D6710-2S4

DuraPort™ Industrial Patch Cords, CAT 6

DESCRIPTION	CAT. NO.
[C] Industrial Plug-to-Industrial Plug, 3-ft	D6720-03E
" Industrial Plug-to-Industrial Plug, 5-ft	D6720-05E
" Industrial Plug-to-Industrial Plug, 7-ft	D6720-07E
" Industrial Plug-to-Industrial Plug, 10-ft	D6720-10E
" Industrial Plug-to-Industrial Plug, 15-ft	D6720-15E
" Industrial Plug-to-Industrial Plug, 20-ft	D6720-20E
[D] Industrial Plug-to-RJ45 Plug, 3-ft	D6721-03E
" Industrial Plug-to-RJ45 Plug, 5-ft	D6721-05E
" Industrial Plug-to-RJ45 Plug, 7-ft	D6721-07E
" Industrial Plug-to-RJ45 Plug, 10-ft	D6721-10E
" Industrial Plug-to-RJ45 Plug, 15-ft	D6721-15E
" Industrial Plug-to-RJ45 Plug, 20-ft	D6721-20E

B Stainless Steel Wallplates

C Plug-to-Industrial Plug

Duraport™ Industrial Outlet Kits

DESCRIPTION	CAT. NO.
[E] Industrial Outlet Kit, S/S, 1-Port, Single-Gang	D670K-1S1
Industrial Outlet Kit, S/S, 2-Port, Single-Gang	D670K-1S2
Industrial Outlet Kit, S/S, 2-Port, Dual-Gang	D670K-2S2
Industrial Outlet Kit, S/S, 4-Port, Dual-Gang	D670K-2S4

D Industrial Plug-to-RJ45

E Outlet Kits

DuraPort™ Industrial Connector Housings

• Made of Polybutylene Terephthalate (PBT) for strength and chemical resistance.

DuraPort™ Industrial Wallplates

• Molded gasket with embedded sealing feature for wallplate mounting holes, ensures a watertight fit.

DuraPort™ Industrial Patch Cords

• Sheathed in Thermoplastic Elastomer to resist heat, abrasion, and tearing.

DuraPort™ Industrial Outlet Kits

• Pre-assembled stainless steel wallplate with an appropriate number of connector housings and connector caps.

Copper Components

A

B

C
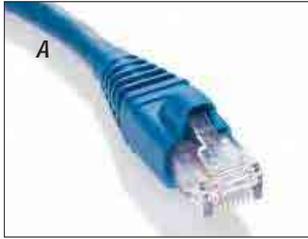
Performance Patch Cords

A Leviton's eXtreme 10G, eXtreme 6+, GigaMax 5e and Category 5 patch cords meet or exceed industry starndard specifications and use compliant stranded wirer as specified by the latest TIA guidelines, to ensure adequate "flex life". All have quality consturcito nto maintain the integriey of signal transmission at the vross-connect , which is critical to the performance of the entire cabling system. Available in lengths of 3′, 5′, 7′, 10′, 15′ and 20′, in seven colors.

NOTE: Leviton Performance Patch Cords are required to qualify for the Leviton Lifetime Warranty on Certified installations.
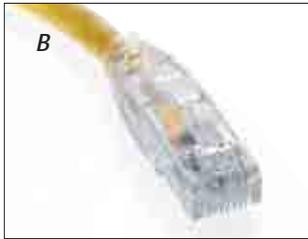
Standard Patch Cords ⓊⓁ

DESCRIPTION	CAT. NO. eXtreme 10G	CAT. NO. eXtreme 6+	CAT. NO. GigaMax 5e	CAT. NO. CATEGORY 5
3-foot length (.91 m)	6210G-03*	62460-03*	5G460-03*	52455-03*
5-foot length (1.52 m)	6210G-05*	62460-05*	5G460-05*	52455-05*
7-foot length (2.13 m)	6210G-07	62460-07*	5G460-07*	52455-07*
10-foot length (3.05 m)	6210G-10	62460-10*	5G460-10*	52455-10*
15-foot length (4.57 m)	6210G-15	62460-15*	5G460-15*	52455-15*
20-foot length (6.10 m)	6210G-20	62460-20*	5G460-20*	52455-20*

* = Colors: White(W), Yellow(Y), Red(R), Blue(B), Green(G), Grey(S), Black(E)

Slimline Patch Cords

SlimLine Patch Cords make it easy to get connected in both traditional and high-density applications. Bootless design and narrow Slimline profile are ideal in environments where rack space is especially tight. The snagless design prevents plugs form becoming entangled in nearby cables and the easy-access quick-release tab makes connections and disconnections easier. Flexible two-piece strain relief boot ensures excellent connectivity. Available in Category 5e and 6 ratings.

SlimLine Patch Cords

DESCRIPTION	CAT. NO.	CAT. NO.
3-foot length (.91 m)	5D460-03*	6D460-03*
5-foot length (1.52 m)	5D460-05*	6D460-05*
7-foot length (2.13 m)	5D460-07*	6D460-07*
10-foot length (3.05 m)	5D460-10*	6D460-10*
15-foot length (4.57 m)	5D460-15*	6D460-15*
20-foot length (6.10 m)	5D460-20*	6D460-20*

* = Colors: White(W), Yellow(Y), Red(R), Blue(B), Green(G), Grey(S), Black(E)

Shielded Patch Cords

Shielded Patch Cords, part of Leviton's full line of shielded products, provide enhanced EMI/RFI protection and increased data security for government, financial, and other critical applications. These Category 5e and Category 6 patch cords are available in 6 lengths. Grey only.

SlimLine Patch Cords

DESCRIPTION	CAT. NO.	CAT. NO.
3-foot length (.91 m)	5S460-03S	6S460-03S
5-foot length (1.52 m)	5S460-05S	6S460-05S
7-foot length (2.13 m)	5S460-07S	6S460-07S
10-foot length (3.05 m)	5S460-10S	6S460-10S
15-foot length (4.57 m)	5S460-15S	6S460-15S
20-foot length (6.10 m)	5S460-20S	6S460-20S

NOTE: Leviton Patch Cords (Standard, SlimLine or Shielded) are required to qualify for the Leviton Lifetime Warranty on Certified installations.

*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	**41NB6-1F4**
[B] eXtreme 6+ 110-Style Wiring Block, Wall-Mount w/legs, CAT 6, 96-Pair	**41AB6-1F4**
[C] eXtreme 6+ 110-Style Wiring Block, Wall-Mount w/legs, CAT 6, 288-Pair	**41AB6-3F4**
[D] eXtreme 6+ 110-Style Wiring Block, Rack-Mount, CAT 6, 96-Pair	**41DR6-1F4**
eXtreme 6+ 110-Style Wiring Block, Rack-Mount, CAT 6, 192-Pair	**41DR6-2F4**
eXtreme 6+ 110-Style Wiring Block, Rack-Mount, CAT 6, 288-Pair	**41DR6-3F4**

Note: Category 5e and 6 110 wiring block legs are non-removable.
Note: Identify all of your 110 products with LabelWare™ 110 wiring product labels. See page L59.
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.

Copper Components

A

B

C

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

Copper Components
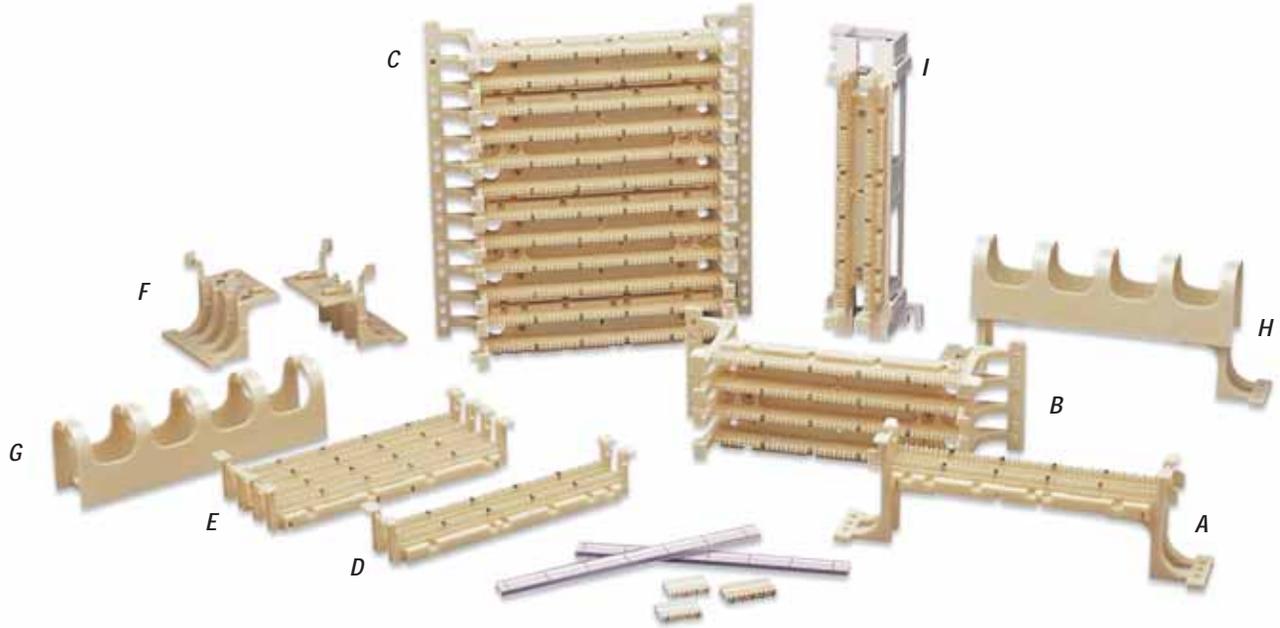
GigaMax 5e 110-Style Wiring Products

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 L39).

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.

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. C-4 CLIPS	CAT. NO. C-5 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**

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.

Copper Components

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. C-4 CLIPS	CAT. NO. C-5 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 L60.
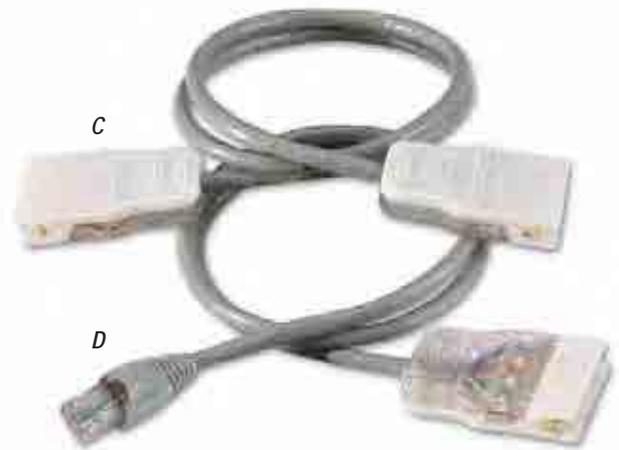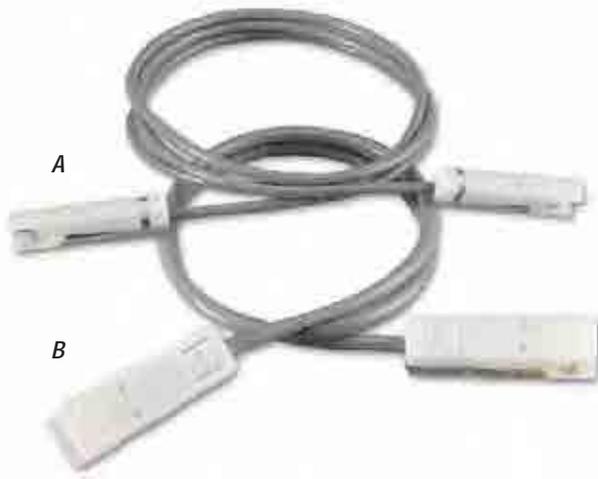
GigaMax 5e 110-Style Patch Cords

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 to110 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

Copper Components

A   *B*

C   *D*

E
F
H   *G*

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.
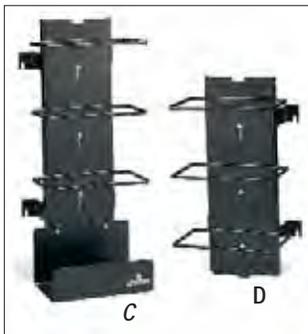
Wall-Mounting Frame 110-Style Wiring Products

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
Rack-Mount Horizontal Cord Manager (Not Shown)	41D1R-HCM
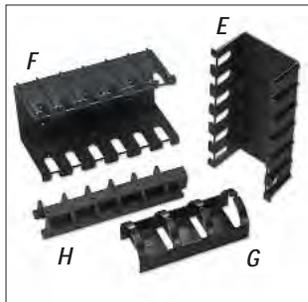
110-Style ChannelMax™ System

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-Clip Connecting Blocks

A variety of M Blocks, including 25-pair and split 50-pair styles, provide versatile cross connect points in equipment and telecommunications rooms. Install individually or in pairs. Constructed of high-impact, fire-retardant UL 94V-0 plastic with phosphor bronze quick-connect insulation displacement 66-clips. Install individually or in pairs in a cross-connect system using jumper wires or bridging clips.

66-Clip Connecting Blocks ⓊⓁ

DESCRIPTION	CAT. NO.
[A] M Block: 25-pair (66M1-25) 10"H x 3$5/16$"W x 1$3/16$"D	40066-M25
Split M Block: 50-pair (66M1-50) 10"H x 3$5/16$"W x 1$3/16$"D	40066-M50
M Block with female connector (66M1-50W) 10"H x 3$5/16$"W x 1$3/16$"D	40066-0MW
[B] M Block with female and male connectors (66M1-50W2) 10"H x 3$5/16$"W x 1$3/16$"D	40066-MW2
[C] Connectorized Demarc Block (66M1-50R) 10"H x 3$13/32$"W x 2$3/4$"D female amphenol	40066-0MR

A

B

66-Clip Connecting Block Accessories

Accessories include Covers for M Blocks and Demarc Blocks, M-Block Brackets for Jack/Connector Mounting, Wire Distribution Spools, Modular Adapters and Bridging Clips.

Bridging Clips

DESCRIPTION	CAT. NO.
[D] Bridging Clips (SA-1), bag of 50	40067-0BC

Hinged Covers and Snap-On Covers

DESCRIPTION	CAT. NO.
Snap-on Cover for M blocks (66MC-4) 9-15/16" H x 2-5/16" W x 5/16" D	40050-MCV
Hinged Cover for Demarc blocks: orange (66MC4LH-O) 10" H x 2-7/16" W x 3/4" D	40050-MH0
Hinged Cover for M blocks: grey (66MC4LH-G) 10" H x 2-7/16" W x 3/4" D	40050-MHG

Bracket for M Blocks and Connector Mounting

DESCRIPTION	CAT. NO.
[E] M-block Bracket for connector mounting (89-D/QuickPort Blocks) 10" H x 3-13/32" W x 1-1/2" D	40089-00D

Note: Numbers in parentheses refer to industry product designation.

C

D

E

Copper Components

F

G

H

I

J

K
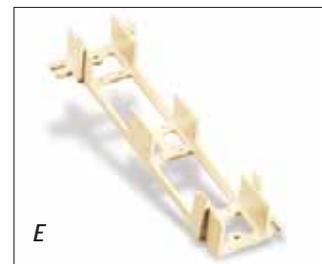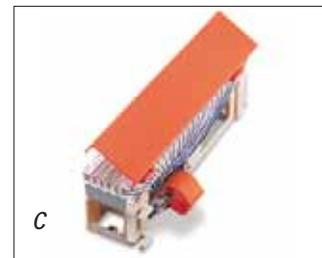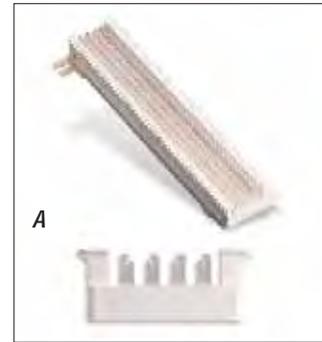
66-Clip Connecting Block Accessories (continued)

Modular Adapters

DESCRIPTION	CAT. NO.
[F] Position Modular Adapter (Tap™-2) - Converts two 66-clip contacts into a 6P2C modular jack	40072-0T2
4-Position Modular Adapter (Tap™-4) - Converts four contacts into a 6P4C modular jack	40072-0T4
6-Position Modular Adapter (Tap™-6) - Converts six contacts into a 6P6C modular jack	40072-0T6
8-Position Modular Adapter, T568B wiring (Tap™-008) - Converts eight contacts 8P8C non-keyed modular jack	40072-0T8

Wire Distribution Spools

DESCRIPTION	CAT. NO.
[G] Wire Distribution Spool (20-A) 1-3/4" Dia. x 3" H	40054-0DS
[H] Wire Distribution Spool with screw (20-B) 1-3/4" Dia. x 3" H	40054-DSS

Note: Number in parentheses refers to industry product designation.

Surface-Mount Mini Patch Panels

For applications with space limitations or simple breakout patching, the Mini Patch Panel with modular connectors can be mounted almost anywhere. Combine two or more panels in-line and use patch cords to make and change connections.

Surface-Mount Mini Patch Panels ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO.
[I] 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).	41600-00I
[J] 25 6-position 4-conductor (RJ14) FCC Spec Jacks wired into two male 25-pair connectors in standard T-R sequence.	41610-00I
[K] 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.	41620-00I
Mounting Magnets (20 Per Package)	49200-00M

SEE FIBER DENSITY
CHART, PAGE L48

Front and rear tilt-up lids that provide unobstructed access to adapters and mounting plates.

Slide rail option allows easy installation and re-entry regardless of equipment or enclosures above.

0-12 ST connector bulkhead

0-24 ST connector bulkhead

0-24 SC connector bulkhead

Three six pack plate bulkhead

Mounting brackets are reversible for mid- or flush-mounting in 19" racks.

High-density adapter enclosure 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.
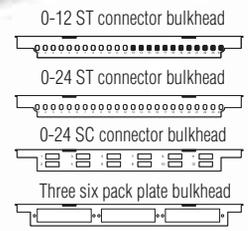
Opt-X 1000 Low-Profile Rack-Mount Enclosures (1RU) 1.75"H x 19.0"W x 12.0"D

DESCRIPTION	CAT. NO. W/O RAILS	CAT. NO. W/RAILS
24 Fiber w/6 ST adapters	5R030-0AB	5P030-0AB
24 Fiber w/3 duplex SC adapters	5R030-0HB	5P030-0HB
72 Fiber, empty (accepts 3 adapter plates, sold sep.)	5R130-00N	5P130-00N
24 Fiber, loaded w/12 ST adapters	5R230-0AB	5P230-0AB
24 Fiber, loaded w/6 duplex SC adapters	5R230-0HB	5P230-0HB
24 Fiber, unloaded, punched for ST adapters	5R330-0AA	5P330-0AA
24 Fiber, unloaded, punched for duplex SC adapters	5R330-0HA	5P330-0HA
24 Fiber loaded w/24 ST adapters	5R330-0AB	5P330-0AB
24 Fiber loaded w/12 duplex SC adapters	5R330-0HB	5P330-0HB

Opt-X 1000 Low-Profile Rack-Mount shown in open view.

Add-On Slide Rail Kit
DESCRIPTION	CAT. NO.
Slide Rail Kit for IRU enclosures only	5S100-SLM

Replacement Door
DESCRIPTION	CAT. NO.
24 Fiber Rack-Mount Metal 1RU 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 L47-49.
Note: Custom lengths and configurations on pigtails available; call customer service for more information: 1-800-722-2082

Fiber Components

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 L48

Metal or smoked polycarbonate doors. Metal doors are available with or without a lock.

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.

Fiber Components

Opt-X 1000 Fiber Optic Enclosures (2RU) 3.5"H x 19.0"W x 12.0"D ®

DESCRIPTION	CAT. NO.
2RU Enclosure with Metal Door (no lock)	**5R430-00N**
2RU Enclosure with Metal Door and one Lock/key	**5R440-00N**
2RU Enclosure with Poly Door (No Lock)	**5R460-00N**

Replacement Doors

DESCRIPTION	CAT. NO.
2RU Replacement Metal Door	**5D000-2RM**
2RU Replacement Poly Door	**5D000-2RP**

Accessories

DESCRIPTION	CAT. NO.
12 Splice Tray	**5T000-00T**
3M Fibrlock™ 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 L47-L49.

Note: Custom lengths and configurations on pigtails available; call customer service for more information: 1-800-722-2082

Wall mount or rack mount for maximum flexibility. 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.

Tilt-up rear door provides unobstructed access to the fiber loop.

SEE FIBER DENSITY CHART, PAGE L48

Front and rear doors drop down flat to act as a worksheet, 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.

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	5D000-3RM
3RU Rack-Mount replacement smoked poly door	5D000-3RP

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

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 L47-49.
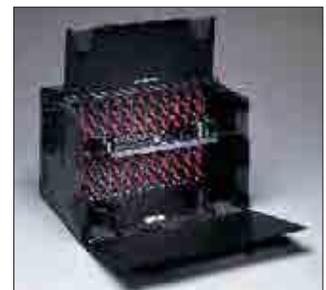
FEATURES

• 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 L48.

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 L48

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

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 L48. 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 page L48.

Opt-X 500 1RU, 2RU and 3RU Fiber Optic Enclosures

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SEE FIBER DENSITY CHART, PAGE L48

Opt-X 500 Fiber Enclosures, 3 Rack Units High (3RU) 5.25"H x 19.0"W x 12.0"D (UL)

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**

1RU with cover

2RU with cover

3RU with cover

Opt-X 250 1RU Fiber Optic Panel

Opt-X 250 Fiber Panel 1.75"H x 19.0"W x 7.7"D (UL)

DESCRIPTION	CAT. NO.
1RU, empty with no metal cover, no lock	**5R1UE-A03**

SPECIFICATIONS AND 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.

Fiber Components
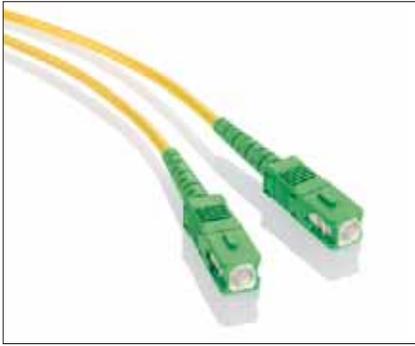
Fiber Optic Cable Assemblies

Leviton offers an extensive line of high quality fiber optic cable assemblies, including laser optimized versions as well as pigtails for frame and work-station. 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 single-mode 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

AA B CC–D EE
(Catalog Number)

Examples: 50DSC-M05 = 50 micron Duplex SC-SC multimode connector – 5 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)**		
Multimode Core	Code	**Cable Type**	Code	**Standard & Pigtail**	Code	**Hybrid**	Code	**Mode Type**	Code	**Length/m**	**Length/ft**	**Code**

Multimode Core	Code
50μm size	**50**
62.5μm size	**62**
50μm laser optimized	**5L**
Singlemode Core	
UPC polish (ultra physical contact)	**UP**
APC polish (angle physical contact)	**AP**

Cable Type	Code
Simplex	**S**
Duplex	**D**
Pigtail	**P**

Note: MT-RJ is always duplex. Simplex and duplex cannot be combined.

Standard & Pigtail	Code	**Hybrid**	Code
		SC-to-ST	**CT**
MT-RJ-to-MT-RJ	**MJ**	SC-to-FC	**CF**
ST-to-ST	**ST**	SC-to-MT-RJ	**CM**
SC-to-SC	**SC**	ST-to-MT-RJ	**TM**
FC-to-FC	**FC**	ST-to-FC	**TF**
LC-to-LC	**LC**	SC-to-LC	**CL**
		ST-to-LC	**TL**
		FC-to-LC	**FL**
		LC-to-MT-RJ	**ML**

Mode Type	Code
Single-mode	**S**
Multimode	**M**

Note: This will depend on selected Core Size/Polish as indicated in Step 1.

Length/m	**Length/ft**	**Code**
1 meter	3.3'	**01**
2 meters	6.6'	**02**
3 meters	9.8'	**03**
5 meters	16.4'	**05**
10 meters	32.8'	**10**

Note: Custom lengths available upon request. Call Customer Service at 1(800) 722-2082 for more information.

OPT-X® Fiber Adapter Plates*

DESCRIPTION	CAT. NO.
[A] 6-Pack ST MM, (6-fiber) phos. bronze sleeve	**5F100-1ST**
6-Pack ST SM, (6-fiber) zirconia ceramic sleeve	**5F100-6ZT**
[B] 8-Pack ST MM, (8-fiber) phos. bronze sleeve	**5F100-8ST**
8-Pack ST SM, (8-fiber) zirconia ceramic sleeve	**5F100-8ZT**
6-Pack FC MM, (6-fiber) phos. bronze sleeve	**5F100-6PF**
6-Pack FC SM, (6-fiber) zirconia ceramic sleeve	**5F100-6ZF**
8-Pack FC MM, (8-fiber) phos. bronze sleeve	**5F100-8PF**
8-Pack FC SM, (8-fiber) zirconia ceramic sleeve	**5F100-8ZF**
[C] 3-Pack Duplex SC MM, (6-fiber) beige, phos. bronze sleeve	**5F100-3BC**
[D] 3-Pack Duplex SC SM, (6-fiber) blue, phos. bronze sleeve	**5F100-3SC**
[E] 3-Pack Duplex SC SM, (6-fiber) green, zirconia ceramic sleeve	**5F100-3CA**
3-Pack Duplex SC SM, (6-fiber) blue, zirconia ceramic sleeve	**5F100-3ZC**
3-Pack Duplex SC MM Laser Optimized, (6-fiber) aqua, zirconia ceramic sleeve	**5F100-3AC**
[F] 6-Pack Duplex SC MM, (12-fiber) beige, phos. bronze sleeve	**5F100-6BC**
[G] 6-Pack Duplex SC SM, (12-fiber) blue, phos. bronze sleeve	**5F100-CSC**
[H] 6-Pack Duplex SC MM laser optimized, (12-fiber) aqua, zirconia ceramic sleeve	**5F100-6AC**
6-Pack Duplex SC SM, (12-fiber) blue, zirconia ceramic sleeve	**5F100-6ZC**
6-Pack Duplex SC SM, (12-fiber) green, zirconia ceramic sleeve	**5F100-6CA**
[I] 6-Pack MT-RJ MM, (12-fiber) beige, dual polarity	**5F100-6MC**
[J] 12-Pack MT-RJ MM, (24-fiber) beige, dual polarity	**5F100-12M**
[K] 6-Pack Duplex LC MM, (12-fiber) beige, phos. bronze sleeve	**5F100-12P**
[L] 6-Pack Duplex LC SM, (12-fiber) blue, zirconia ceramic sleeve	**5F100-12Z**
6-Pack Duplex LC SM, (12-fiber) green, zirconia ceramic sleeve	**5F100-12V**
[M] 6-Pack Duplex LC MM laser optimized, (12-fiber) aqua, zirconia ceramic sleeve	**5F100-12A**
[N] 6-Pack Quad LC MM, (24-fiber) beige, phos. bronze sleeve	**5F100-24P**
[O] 6-Pack Quad LC SM, (24-fiber) blue, zirconia ceramic sleeve	**5F100-24Z**
[P] 6-Pack Quad LC MM, (24-fiber) laser optimized aqua, zirconia ceramic sleeve	**5F100-24A**
[Q] Blank, metal Blank, plastic	**5F100-BLK** **5F100-BPP**

NOTE: Not for use with LightSpace™ Enclosures.

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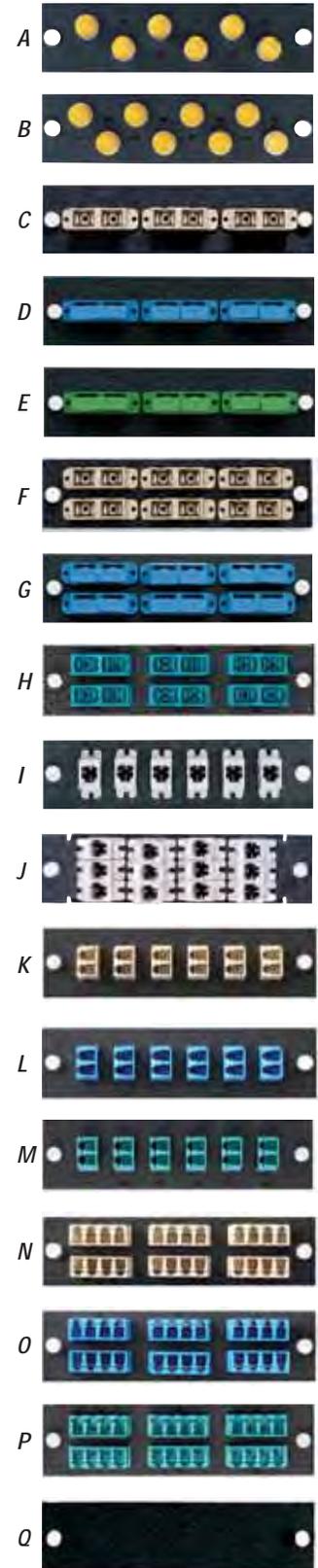
3-pack, **6-pack**, **8-pack**, **12-pack** = capacity of up to 3, 6, 8 or 12 connectors, respectively.

Fiber Components

Fiber Density Chart
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

Fiber Adapters

DESCRIPTION	CAT. NO.
[A] ST® Adapter MM w/Phosphor Bronze Sleeve	**49882-SAD**
[B] ST Adapter SM w/Zirconia Sleeve	**49882-ZAD**
[C] FC Adapter SM w/Phosphor Bronze Sleeve	**49883-SAD**
[D] FC Adapter MM w/Zirconia Sleeve	**49883-MAD**
[E] SC Duplex Adapter SM (blue) w/Zirconia Sleeve	**49884-SAD**
SC Duplex Adapter SM (blue) w/Phosphor Bronze Sleeve	**49884-MAD**
[F] SC Duplex Adapter MM (beige) w/Phosphor Bronze Sleeve	**49884-BAD**
[G] SC Duplex Adapter MM aqua, zirconia ceramic sleeve	**49884-AAD**
[H] SC Simplex Adapter SM blue, zirconia ceramic sleeve	**49884-SAS**
[I] SC Simplex Adapter MM beige, phos. Bronze sleeve	**49884-MAS**
[J] SC Simplex Adapter SM APC green, zirconia ceramic sleeve	**49884-VAS**
[K] MT-RJ Adapter MM (beige)	**49889-MAD**
[L] Quad LC Adapter MM (aqua)	**5F100-QLA**
[M] Quad LC Adapter MM (beige)	**5F100-QLC**
[N] Quad LC Adapter SM (blue)	**5F100-QLZ**
[O] Duplex LC Adapter MM (beige)	**5F100-DLC**
[P] Duplex LC Adapter SM (blue)	**5F100-DLZ**
[Q] LC Duplex Adapter MM aqua, zirconia ceramic sleeve	**5F100-DLA**
LC Simplex Adapter MM green, zirconia ceramic sleeve	**5F100-DLV**

A-D

E-J
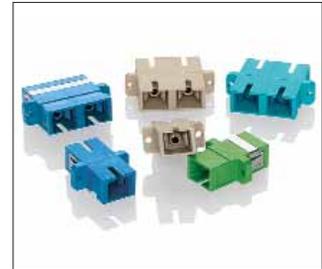
FIBER OPTIC FAN-OUT KIT

R 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.
[R] 24" Fiber Optic Fan-Out Kit, 6-fiber	**49887-06S**
24" Fiber Optic Fan-Out Kit, 12-fiber	**49887-12S**
36" Fiber Optic Fan-Out Kit, 6-fiber	**49887-06L**
36" Fiber Optic Fan-Out Kit, 12-fiber	**49887-12L**

K-Q

FIBER OPTIC FAN-OUT CONSUMABLES KIT

S 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 Consumables Kit

DESCRIPTION	CAT. NO.
[S] Fan-Out Consumables Kit	**49800-FAN**

SPLICE TRAY KITS
Splice Tray Kits

DESCRIPTION	CAT. NO.
12-splice Splice Tray Kit (Comes standard with Fusion/Heatshrink splice holders)	**5T000-00T**

R

EXTRA CABLE MANAGEMENT RINGS
Extra Cable Management Rings

DESCRIPTION	CAT. NO.
Additional Fiber Cable Management Rings (package of 2)— Can be stacked on top of existing rings for additional cable storage or management.	**5R100-0FR**

S

Fiber Components

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.

A
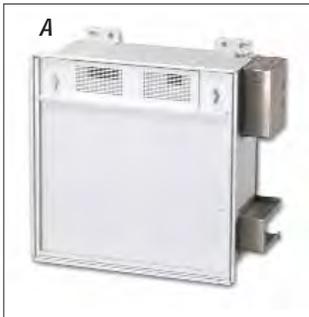
2' x 2' Active Ceiling Enclosure

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 ⓊL

DESCRIPTION	CAT. NO.
[A] Active Ceiling Enclosure, 2' x 2'	**Z1000-AC2**
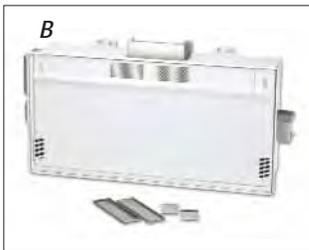
2' x 4' Active Ceiling Enclosure

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.

B

2' x 4' Active Ceiling Enclosure 12.0"H x 24.0"W x 48.0"L ⓊL

DESCRIPTION	CAT. NO.
[B] Active Ceiling Enclosure, 2' x 4'	**Z1000-AC4**
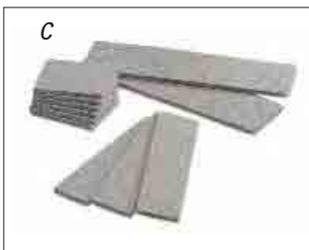
Accessories

Enclosure Accessories

DESCRIPTION	CAT. NO.
[C] Foam kit for zone ceiling enclosures	**Z1000-FM1**
Chrome Lock Kit	**Z1000-LOK**
Replacement Keys (2)	**Z1000-KEY**

C

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.

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**

A

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**

Enclosures

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Wireless Access Point Enclosures
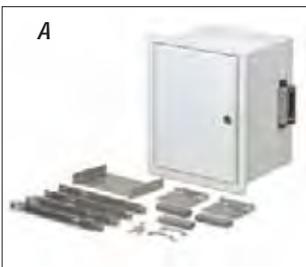
WIRELESS ACCESS POINT CEILING ENCLOSURES, 10" AND 5"

A-B 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

C This ceiling mount enclosure accommodates one wireless access point or bridge. The removable door mounted bracket supports equipment up to $10^{1/2}$" wide by $5^{1/2}$" deep by $1^{7/8}$" high. Fully hinged door is 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, 5″ Depth, w/o Faceplate	**W1000-WC5**
[C] Wireless Access Point Ceiling Enclosure, 4" Depth	**W1000-WC0**

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 5" and 10" Wireless Access Point Enclosure)	**W1000-F02**
Faceplate for Cisco Aironet 1100 (Fits 5" and 10" Wireless Access Point Enclosure)	**W1000-F03**
Faceplate for Cisco Aironet 1200 (Fits 5" and 10" Wireless Access Point Enclosure)	**W1000-F04**
[D] Faceplate for Leviton AP200 Wireless Access Point w/mounting bracket	**W1000-WC5**
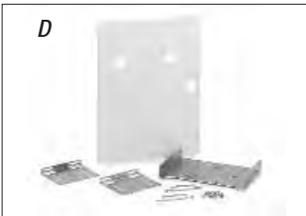
WIRELESS ACCESS POINT WALL-MOUNT ENCLOSURE

E 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 $6^{1/2}$" high by $2^{3/4}$" deep. UL listed.

Wireless Access Point Wall-Mount Enclosure ⓊⓁ

DESCRIPTION	CAT. NO.
[E] Wireless Access Point Wall-Mount Enclosure	**W1000-WW0**
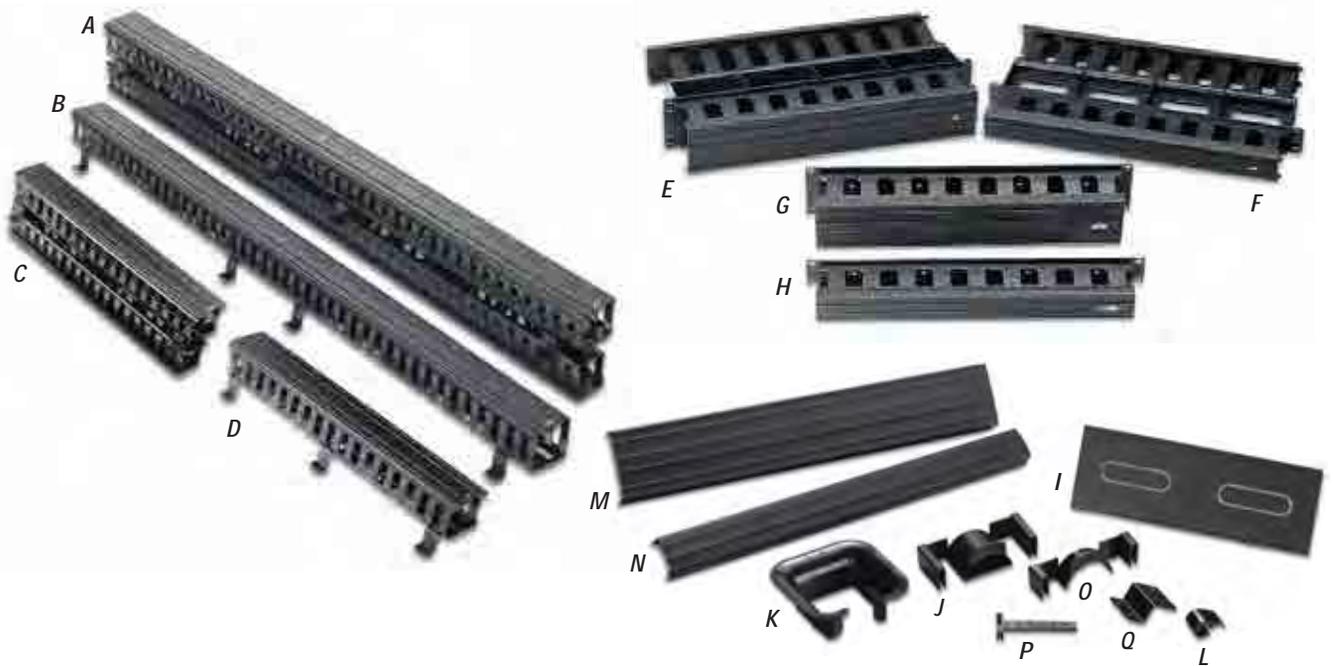
Versi-Duct Slotted Duct Cable Management System

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 comes 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	**4980L-VFR**
[B] Vertical Front-only Duct, 80" high	**4980L-VFO**
[C] Vertical Front & Rear Duct, 35" high	**4935L-VFR**
[D] Vertical Front-only Duct, 35" high	**4935L-VFO**
[E] Horizontal Front & Rear Duct, 2RU	**492RU-HFR**
[F] Horizontal Front & Rear Duct, 1RU	**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**

Versi-Duct

- 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

Cable Management

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Horizontal Cable Management

Create a first class cabling infrastructure and reduce network administration time using Leviton's Horizontal Cable Management System. Options include cable management bars, patch cord organizers, slack organizers, and the patent-pending Front Hinge Bracket.

Cable Management Bars

DESCRIPTION	HEIGHT	RINGS	CAT NO.
[A] Rear Cable Manager for Active Equipment	2RU		**41188-SM2**
[B] Extended Cable Management Bar			**49005-EMB**
[C] Cable Management Bar			**49005-CMB**
[D] High Density Cable Management Bar			**49005-DMB**

Horizontal Patch Cord Organizers

DESCRIPTION	HEIGHT	RINGS	CAT NO.
[E] Horizontal Patch Cord Organizer	2RU	2"	**49253-2CM**
Horizontal Patch Cord Organizer	2RU	4"	**49253-BCM**
Horizontal Patch Cord Organizer	1RU	4"	**49253-LPM**
[F] Horizontal Patch Cord Organizer	4RU	5"	**49253-4CM**
Horizontal Patch Cord Organizer	4RU	7"	**49253-6CM**
Horizontal Patch Cord Organizer (Angled)	1RU	2"	**4W254-LPM**
Horizontal Patch Cord Organizer (Angled)	2RU	2"	**4W254-BCM**
Horizontal Patch Cord Organizer (w/ metal cover)	1RU	4"	**4925C-LPM**
[G] Horizontal Patch Cord Organizer (w/ metal cover)	2RU	4"	**4925C-BCM**
Horizontal Patch Cord Organizer (w/ metal cover)	4RU	5"	**4925C-4CM**
Horizontal Patch Cord Organizer (w/ metal cover)	4RU	7"	**4925C-6CM**

Front Hinge Bracket

DESCRIPTION	HEIGHT	RINGS	CAT NO.
[H] Front Hinge Bracket	3RU		**49400-FHB**

Rack Cable Management and Accessories

CORD ORGANIZERS

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 1RU with vertical distribution rings and individual routing clips.

Cord Organizers

DESCRIPTION	CAT. NO.
[A] Two-Position Organizer Panel (19" wide, 2RU)	49252-P02
[B] One-Position Organizer Panel (19" wide, 1RU)	49252-P01

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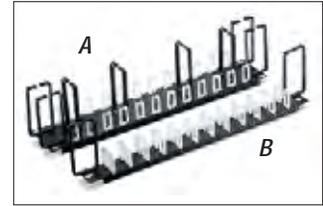
COMBO FRONT/REAR MANAGEMENT

Manage front and rear cables/cords in a 2RU 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 Management

DESCRIPTION	CAT. NO.
[C] Combo Front/Rear Manager (19" wide, 2RU)	49252-PCM

C

RECLOSEABLE CABLE BARS

Manage cable 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.

Recloseable Cable Bars

DESCRIPTION	CAT. NO. 3RU
[D] Metal Clad Horizontal Bar (for 19" Racks, 1RU)	41150-019

D

THE WRAP BAR

Mounts to the rear of standard TIA/EIA racks to support cable bundles and help maintain bend radius near cable terminations. Fixed anchor points for 'loose-fit' tie wrapped cables.

The Wrap Bar

DESCRIPTION	CAT. NO.
[E] Tie Wrap Bar (19" wide, 1.0" high, 1.5" deep)	49258-TWB

E

SPACEMAKER CABLE MANAGER

Mounts to front or rear of standard TIA/EIA racks to support cable bundles and help maintain bend radius. Allows retrofit of current configurations without the need to move existing patch panels. Using existing panel screws, simply loosen screws, slide in SpaceMaker, and re-tighten screws.

Spacemaker Cable Manager

DESCRIPTION	CAT. NO.
[F] SpaceMaker Cable Manager (19" wide, 1RU, 2RU, 3RU)	41188-SM1

F

VERTICAL MANAGEMENT COMPONENTS

Flexible 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 Components

DESCRIPTION	CAT. NO.
[G] 3" Vertical Manager Ring (4-pair cable capacity: 180 rear, 250 front)	49260-MR3
[H] 6" Vertical Manager Ring (4-pair cable capacity: 360 rear, 500 front)	49260-MR6
[I] Tie Bracket to secure vertical manager ring to adjacent rack	49261-BKT

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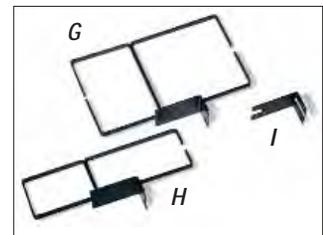
Cable Management
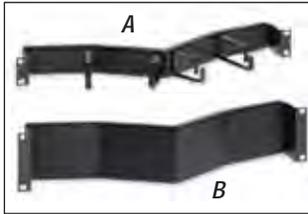
Cable Management

Angled Panel Cable Management

Angled panels and accessories provide improved access to 110 punch down fields and allow the option to increase rack density. Angled Cable Management Accessories, suitable for Category 5e, 6, or 10G Angled Patch Panels, provide enhanced cable management and organization via the Angled Cable Management Bar, Vertical Transition Rings, 1RU and 2RU Angled Blank Panel Inserts, and Transitional Covers. Recessed Angled and Angled styles available.

RECLOSABLE TIE-WRAPS

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.

Recessed Angled Panel Cable Management Accessories

DESCRIPTION	CAT. NO.
[A] Recessed Angled Horizontal Patch Cord Organizer, 1RU	4W254-LPM
Recessed Angled Horizontal Patch Cord Organizer, 2RU	4W254-BCM
1RU Recessed Angled Blank Panel Inserts	4W254-BA1
[B] 2RU Recessed Angled Blank Panel Inserts	4W254-BA2
[C] Recessed Angled Cable Management Bar, rear (4 hook and loop fasteners included)	4W006-AMB
[D] Recessed Angled Transitional Cover	4W254-BC1
Vertical Transition Rings (Horizontal Cable Ring), 2/box	49262-HR1

Angled Panel Cable Management Accessories

DESCRIPTION	CAT. NO.
Angled Horizontal Patch Cord Organizer, 1RU	49254-LPM
Angled Horizontal Patch Cord Organizer, 2RU	49254-BCM
[E] 1RU Angled Blank Panel Inserts	49254-BA1
[F] 2RU Angled Blank Panel Inserts	49254-BA2
[G] Angled Cable Management Bar, rear (4 hook and loop fasteners included)	49006-AMB
[H] Angled Transitional Cover	49254-BC1
Vertical Transition Ring (Horizontal Cable Ring), 2/box	49262-HR1

Rack Cable Management and Accessories

RACK AND PANEL ACCESSORIES

The Hinged Wall-Mount Bracket is designed for use in installations where space is constrained or racks are not used. Available in 2RU, 3RU, and 4RU sizes.

Blank Panels provide a seamless look until additional rack space is needed for future expansion.

Rack and Panel Accessories

DESCRIPTION	CAT. NO.
[A] Hinged Wall-Mount Bracket, 2RU	49251-W62
Hinged Wall-Mount Bracket, 3RU	49251-W63
Hinged Wall-Mount Bracket, 4RU	49251-W64
[B] Front Blank Panel, Standard, 4RU	49254-BP4
[C] Front Blank Panel, Standard, 2RU	49254-BP2
[D] Front Blank Panel, Standard, 1RU	49254-BP1

110 CHANNELMAX® SYSTEM

Route and manage cables and cross connect wires in 110-style installations with the 110 ChannelMax System. 3" and 5" Cable Channels, provide two to three times the space of typical 110 blocks with legs, and the non-proprietary design works with all standard 110 blocks. Vertical Spool Managers and Horizontal Cable Management Troughs organize and support cables while allowing easy access for re-configuration. Vertical Spool Manager works with Wire Distribution Spools, PN 40054-DSS, sold separately.

110 ChannelMax® System

DESCRIPTION	CAT. NO.
[E] Horizontal Cable Management Trough	41CMS-HCM
[F] Vertical Spool Manager Mounting Bracket	41CMS-VSM
[G] 5" Deep Vertical Cable Channel	41CMS-500
[H] 3" Deep Vertical Cable Channel	41CMS-300
Wire Management Spools	40054-DSS

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Cable Management

Cable Management

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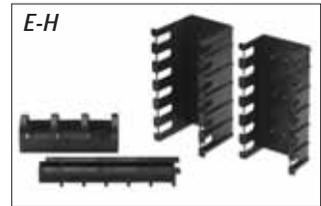
General Purpose Hook and Loop Cable Management

Whatever your cable management needs, Leviton has a Hook and Loop product to keep your cable under wraps. These innovative solutions are perfect for the messy cables that accumulate around the workstation.

Recloseable Saddle Ties

DESCRIPTION	CAT NO.
[A] Recloseable Saddle Tie with 10/32 metal rack screw (10 per pack)	**41020-SPR**
[B] Recloseable Saddle Tie with #8 wood screw (10 per pack)	**41010-SPW**

Recloseable Compression Strap

DESCRIPTION	CAT NO.
[C] Recloseable Compression Strap	**45224-RCS**

Recloseable "J" Hook

DESCRIPTION	CAT NO.
[D] Recloseable "J" Hook	**46700-SLG**

Bulk Hook and Loop Wrap

DESCRIPTION	CAT NO.
[E] Bulk Hook and Loop Wrap, 75 Foot Roll	**43115-075**
[F] Bulk Hook and Loop Wrap, 15 Foot Roll	**43115-015**

Recloseable Tie-Wraps

DESCRIPTION	CAT NO.
[G] Tie Wrap, 5" Length (25 per pack)	**43105-005**
[H] Tie Wrap, 8" Length (25 per pack)	**43108-008**
[I] Tie Wrap, 12" Length (25 per pack)	**43112-012**

Hook and Loop Workstation Cable Management

DESCRIPTION	CAT NO.
[J] Individual Loops with Peel-off Adhesive (25 per pack)	**41225-SAP**

Recloseable Fastener

DESCRIPTION	CAT NO.
[K] Recloseable Fasteners (orange) (10 per pack)	**41030-0FT**

Recloseable Storage Rings

DESCRIPTION	CAT NO.
[L] Recloseable Storage Ring, Inside Plant (11.75" diameter)	**48900-IFR**
Recloseable Storage Ring, Outside Plant (24" diameter)	**48900-0FR**

LableWare

LabelWare is the perfect tool to create TIA/EIA-606-A compliant labels for cabling infrastructure components. Laser print surface on pre-cut, perforated 8.5" x 11" sheets provides simple application with permanent legibility. User-friendly software includes label templates designed specifically for Leviton patch panels, patch cords, 110 wiring products and wallplates. The context sensitive Help Module includes step-by-step instructions to easily create and customize complex label builds in minutes. The Build Editor allows integration of fonts and symbols from your word processing software. Download LabelWare software at www.levitonvoicedata.com/labelware.

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Cable and Wallplate Product Labels

DESCRIPTION	CAT. NO.
[A] Cable Wrap-around Labels (8mm), 48 self-adhesive labels per sheet	**59260-00W**
[B] Wallplate & Housing Labels, 10 sheets, 80 card-stock labels per sheet (white)	**59259-C0W**
[C] Port Labels, 10 sheets, 324 self-adhesive 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, 10 sheets, 16 labels/sheet	**59258-00W**	**59258-0PY**	**59258-0LG**	**59258-0RO**	**59258-0VB**
[E] Patch Panel and Block Labels 10 sheets, 40 labels/sheet	**59256-00W**	**59256-0PY**	**59256-0LG**	**59256-0RO**	**59256-0VB**
[F] QuickPort Patch Panel and Block Labels, 10 sheets, 40 labels/sheet	**59257-00W**	**59257-0PY**	**59257-0LG**	**59257-0RO**	**59257-0VB**

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 MCs to ICs	White
2nd Level Backbone	Terminations of building backbone cable ICs to HCs	Gray
Horizontal Cabling	Terminations of horizontal cable in TEs	Blue
Campus Backbone	Termination of backbone cable between buildings	Brown
Auxiliary Circuits	Alarms, security, or energy management	Yellow
Key Circuits	Connections to key telephone systems	Red

Orange   Green   Purple   White   Gray   Blue   Brown   Yellow   Red

Labeling Products
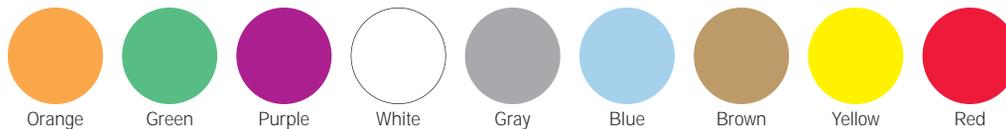
QuickPort® Shutters and Icons

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
[D] 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*
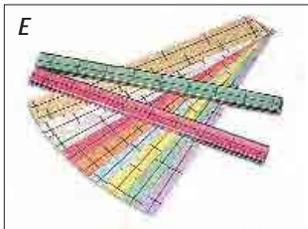
110 Punchdown Tool

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–E 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**
AWL (Woodscrew starter punch)	**49553-AWL**

MULTI-PAIR TERMINATION TOOL

F 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.
[F] 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

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.

Master CompressionTool

DESCRIPTION	CAT. NO.
[G] Master Compression Tool	**40989-CPT**

Compression Connectors are sold on page L4.

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Tools and Accessories

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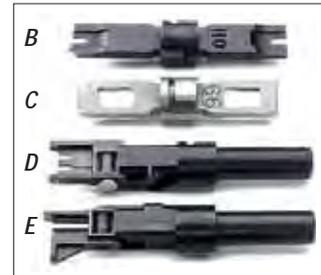
Opt-X Fiber Tool Kits

OPT-X LIGHT TOOL KIT

A All the essential tools for quick field-termination of fiber optic connectors. Includes 100X inspection scope, scribe, polishing fixture, polishing pad, 900µm buffer remover tool, jacket stripper, Thread-Lock® tightening tool, and scissors.

OPT-X PRO TOOL KIT

B Use with any SC, ST, or FC Thread-Lock connectors. Includes Thread-Lock Versa-Cleave® Tool, 200X inspection scope, Thread-Lock tightening tool, one 250Ìm and one 900Ìm buffer remover, polishing pad, safety glasses, scissors, jacket stripper, polishing fixture, and music wire.

OPT-X FAST-CURE TOOL KIT

C Use with single-mode or multimode Fast-Cure adhesive connectors - SC, ST, FC, or LC. Includes 200X inspection scope, one 250Ìm and one 900Ìm buffer remover, polishing pad, standard 2.5mm and LC 1.25mm polishing fixtures, LC scope adapter, fiber crimp tool, safety glasses, scissors, jacket stripper, music wire and lapping film. Adhesive/Accelerator Kit sold separately on page K5.

OPT-X MT-RJ ACCESSORY KIT

Adds MT-RJ capability to existing tool kits.

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**
Opt-X MT-RJ Accessory Kit	**49800-SLA**

Tools and Accessories

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Fiber Optic Tools and Consumables Sold Individually

Individual Components

DESCRIPTION	CAT. NO.
Universal Tools	
[A] 250 µm Buffer Remover	**49886-BR2**
[B] 900 µm Buffer Remover	**49886-BR9**
[C] Jacket Stripper	**49886-STP**
[D] 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	
[E] ST/SC Combination Tightening Tool	**49886-CTT**
[F] FC Tightening Tool	**49883-FCT**
FastCAM Installation Kits	
[G] Multi/Single-Mode Installation Kit	**49800-SMK**
[H] Multimode Installation Kit	**49800-MMK**
MT-RJ Specific Tools	
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	**49886-VWA**
Versa-Cleave Adapter for MT-RJ Frame-Station Connectors	**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**
Fast-Cure Specific Tools	
[G] 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**
Consumables	
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-O3F**
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

H-J 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.
[H] Universal Consumables Kit	**49800-CON**
[I] Fast-Cure Consumables Kit	**49800-FAC**
[J] Adhesive/Accelerator Kit	**49800-680**
Fan-Out Consumables Kit (shown on page L51)	**49800-FAN**

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Tools and Accessories

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Fiber Optic Tools

THREAD-LOCK® VERSA-CLEAVE® TOOL

A–C Diamond blade 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 mechanical 2.5mm ferrule connector, and cleaves with a simple push of the button. The integrated debris cup catches and retains fiber debris for safe disposal. Versa-Cleave can be ordered separately, or as part of the Opt-X® Pro Tool Kit

Thread-Lock Versa-Cleave

DESCRIPTION	CAT. NO.
[A] Versa-Cleave Tool	**49886-TVC**
[B] Versa-Cleave Adapter for MT-RJ Workstation Connector	**49886-VWA**
[C] Versa-Cleave Adapter for MT-RJ Frame-Station Connector	**49886-VFA**

SAFETY PAD

D   Provides a flexible, shatterproof, non-slip surface perfect for terminating all Leviton Fiber Optic Connectors.

Safety Pad

DESCRIPTION	CAT. NO.
[D] Safety Pad	**49886-SPD**

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	**49886-SCP**
[F] 200x Inspection Scope	**49886-FSP**

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.
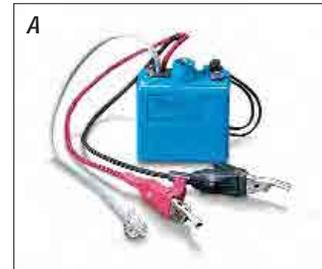
Inductive Speaker Probe

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

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

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C

D

Optional leather belt holsters.

E

F

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**
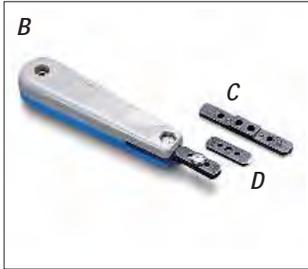
Termination Tool (66-BT)

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)	**46666-0BT**
[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.
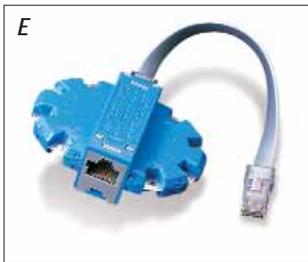
Modular Plug Breakout Adapter

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

Straight Blade Plugs and Connectors Index

LEVITON®

Industrial Grade Straight Blade Plugs and Connectors

A COMPLETE LINE OF PLUGS AND CONNECTORS THAT STANDS UP TO THE HARSHEST 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, alkalies, 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

BLACK & WHITE

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

External cord grip utilizes deep triple drive 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

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
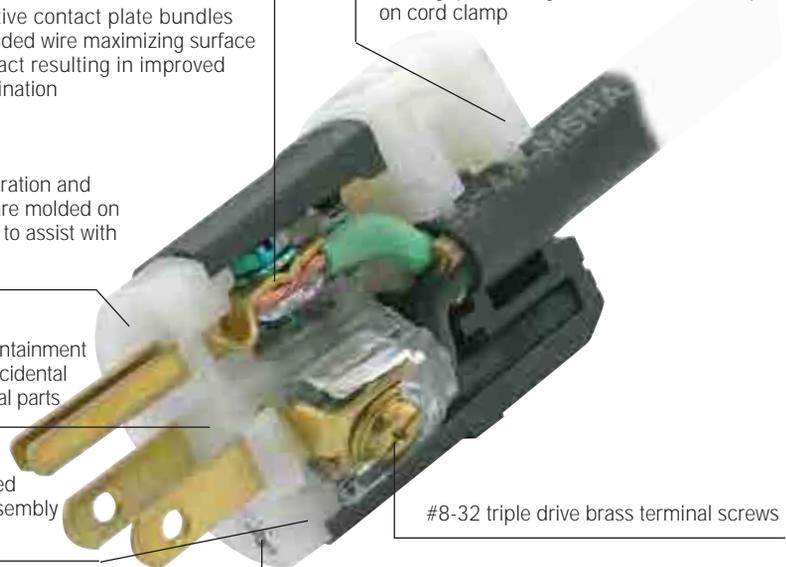
5266-C

#8-32 triple drive brass terminal screws

Three "U" type fast-threading, triple 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
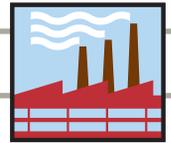
Industrial Grade Straight Blade Plugs and Connectors

Hospital Grade —15 AMP 125V 2-Pole, 3-Wire Grounding Ⓤ Ⓢ

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
	NEMA 5-15P	NEMA 5-15R
Hospital Grade, Black & White Body	8215-C	8219-C
Hospital Grade, Transparent Body	8215-CT	8219-CT
Hospital Grade, Power Indication™ Transparent	8215-PLC	8219-PLC
Hospital Grade Angle, Transparent Body	8215-CAT	——

Industrial Grade —15 AMP 125V 2-Pole, 3-Wire Grounding Ⓤ Ⓢ

Black & White Nylon Body	5266-C	5269-C
High-Visibility Yellow Nylon Body	5266-CY	5269-CY
All-Black Nylon for Stage and Studio	5266-CB	5269-CB
All-Black Nylon, Power Indication™	5266-PLB	5269-PLB
Orange & White Body	5266-CO	5269-CO
Gray Nylon Body	5266-CG	5269-CG
Black & White Nylon Body, Power Indication™	5266-PLC	5269-PLC
Angle, Black & White Nylon Body	5266-CA	5269-CA
Black 2-Piece Nylon Shell	5266-N	5269-N
Flanged Inlet, White Nylon Body	5278-C	——
Flanged Outlet, White Nylon Body	——	5279-C

Industrial Grade —15 AMP 250V 2-Pole, 3-Wire Grounding Ⓤ Ⓢ

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
	NEMA 6-15P	NEMA 6-15R
Black & White Nylon Body	5666-C	5669-C
High-Visibility Yellow Nylon Body	5666-CY	5669-CY
Angle, Black & White Nylon Body	5666-CA	——
Flanged Inlet, White Nylon Body	15678-C	——
Flanged Outlet, White Nylon Body	——	15679-C

For Weather Resistant Plug and Connector Boots, see page M4.

Ø1.53 (38.9) 1.30 (33.0) 2.09 (53.1) 1.41 (35.8)
8215-CAT

Ø1.39 (35.3) 1.98 (50.4) Ø1.53 (38.9)
5266-C

Ø1.39 (35.3) 2.76 (70.1) Ø1.53 (38.9)
5269-C

Ø2.50 (63.0) 2.11 (54.0) 1.78 (45.0) Ø1.69 (43.0)
5278-C

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

Straight Blade Plugs and Connectors

Ø1.39 (35.3)

1.98 (50.4)

Ø1.53 (38.9)

8315-PLC

Ø1.53 (38.9) 1.30 (33.0)

2.09 (53.1)

1.41 (35.8)

5366-CA

Ø1.53 (38.9) 1.30 (33.0)

2.09 (53.1)

1.41 (35.8)

8415-CAT

2.73 (69.4)

Ø2.00 (50.8)

6017-Y

Hospital Grade — 20 AMP 125V 2-Pole, 3-Wire Grounding ⓊⓁ ⓈⓅ

BLACK&WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS

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	**14W47** NEMA 5-15P	**15W47** NEMA 5-15R
Black Rubber, 15A-125V 2-Pole, 3-Wire	**14W47-B** NEMA 5-15P	**15W47-B** NEMA 5-15R
Yellow Rubber, 15A-250V 2-Pole, 3-Wire	**14W49** NEMA 6-15P	**15W49** NEMA 6-15R
Yellow Rubber, 15A-277V 2-Pole, 3-Wire	**14W34** NEMA 7-15P	**15W34** NEMA 7-15R
Yellow Rubber, 20A-125V 2-Pole, 3-Wire	**14W33** NEMA 5-20P	**15W33** NEMA 5-20R
Yellow Rubber, 20A-250V 2-Pole, 3-Wire	**14W48** NEMA 6-20P	**15W48** NEMA 6-20R

Ø1.50 (38.1)

2.71 (68.8)

Ø1.28 (32.5)

14W47

Repacement Closure Cap Ⓤ Ⓢ

DESCRIPTION	CAT. NO.
Replacement Female Closure Cap for use with 15A & 20A 2-pole, 3-wire devices	**50W50**

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	**1447** NEMA 5-15P	**1547** NEMA 5-15R
High-Visibility Yellow, 15A-250V 2-Pole, 3-Wire	**1449** NEMA 6-15P	**1549** NEMA 6-15R
High-Visibility Yellow, 20A-125V 2-Pole, 3-Wire	**1433** NEMA 5-20P	**1533** NEMA 5-20R
High-Visibility Yellow, 20A-250V 2-Pole, 3-Wire	**1448** NEMA 6-20P	**1548** NEMA 6-20R

Ø2.30 (58.3)

4.20 (106.7)

Ø1.28 (32.5)

15W47

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–12-3SO (.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
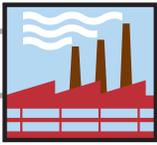
Straight Blade Plugs and Connectors

Straight Blade Plugs and Connectors
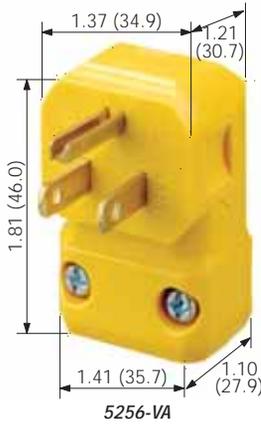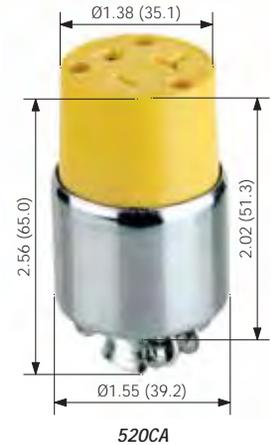
5256-VA
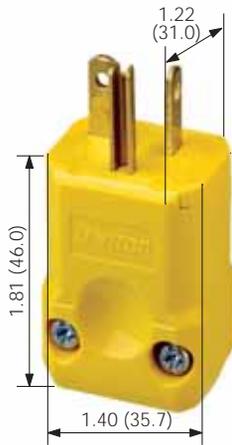
5456-VY
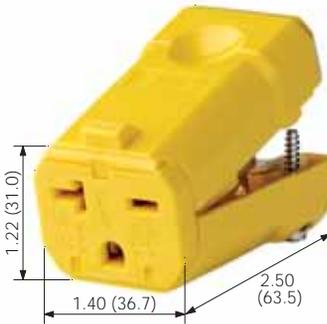
5459-VY

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	8256-V	8259-V

Industrial Grade —15 AMP 125V 2-Pole, 3-Wire Grounding ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
Black Nylon Body	5256-VB	5259-VB
High-Visibility Yellow Nylon Body	5256-VY	5259-VY
Gray Nylon Body	5256-VG	5259-VG
Angle, High-Visibility Yellow Nylon Body	5256-VA	———

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	8656-V	8659-V

Industrial Grade —15 AMP 250V 2-Pole, 3-Wire Grounding ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
High-Visibility Yellow Nylon Body	15656-VY	15659-VY
Angle, High-Visibility Yellow Nylon Body	15656-VA	———

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
White Nylon Body	8356-V	8359-V	

Industrial Grade — 20 AMP 125V 2-Pole, 3-Wire Grounding ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
Black Nylon Body	5356-VB	5359-VB
High-Visibility Yellow Nylon Body	5356-VY	5359-VY
Angle, High-Visibility Yellow Nylon Body	5356-VA	———

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
White Nylon Body	8456-V	8459-V	

Industrial Grade — 20 AMP 250V 2-Pole, 3-Wire Grounding ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
High-Visibility Yellow Nylon Body	5456-VY	5459-VY
Angle, High-Visibility Yellow Nylon Body	5456-VA	———

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

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

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	**5278-CWP** NEMA 5-15P	**5279-CWP** NEMA 5-15R	
Slots for Fork Terminals, 15A-125V 2-Pole, 3-Wire	**5278-FWP** NEMA 5-15P	**5279-FWP** NEMA 5-15R	
Standard Wire Wells, 15A-250V 2-Pole, 3-Wire	**15678-CWP** NEMA 6-15P	**15679-CWP** NEMA 6-15R	
Standard Wire Wells, 20A-125V 2-Pole, 3-Wire	**15378-CWP** NEMA 5-20P	**15379-CWP** NEMA 5-20R	CSA config. in Canada
Standard Wire Wells, 20A-250V 2-Pole, 3-Wire	**5478-CWP** NEMA 6-20P	**5479-CWP** NEMA 6-20R	CSA config. in Canada

Note: *For locking configurations, please see Section N.*

1.49 (37.8) · 3.25 (82.6) · 4.56 (115.9) · 1.88 (46.6) · 2.84 (72.2)
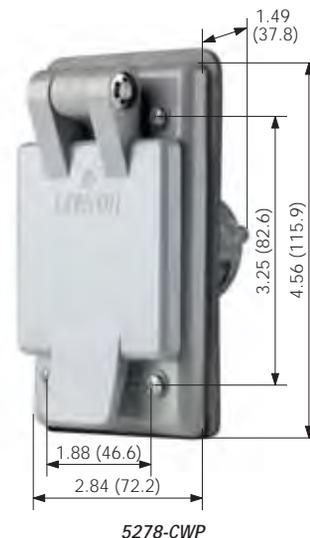
5278-CWP

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
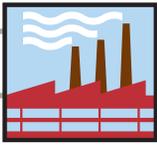
Straight Blade Plugs and Connectors

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-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

2.76 (70.2) · *4.37 (111.1)* · *2.52 (64.0) Sq. Face* · *1.89 (47.9)*
9530-P
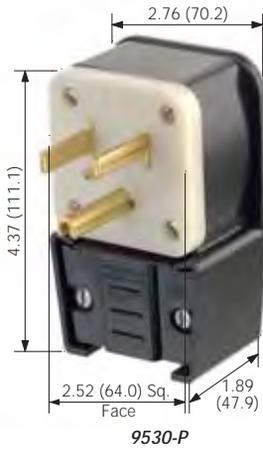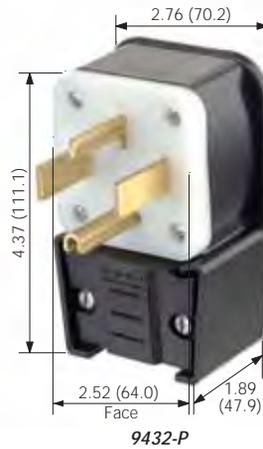
2.76 (70.2) · *4.37 (111.1)* · *2.52 (64.0) Face* · *1.89 (47.9)*
9432-P

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

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.

9650-P

9450-P

8452-P

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

2.76 (70.2)

4.37 (111.1)

2.52 (64.0) Sq.
Face

1.89 (47.9)

9462-P

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.

2.76 (70.2)

4.37 (111.1)

2.52 (64.0)
Face

1.89 (47.9)

8462-P

2.76 (70.2)

4.37 (111.1)

2.52 (64.0) Sq.
Face

1.89 (47.9)

8362-P

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

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

Triple-drive head screws — $^3/_{16}$" (4.76mm.) Standard, Philips, Robertson

Built-in cord grip adjusts automatically for use with No. 18-2 through No. 12-3 cords

NEMA Configuration and rating molded into front module for easy identification

Husk and module keyed for easy alignment during wiring

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

Commercial Grade Straight Blade Plugs and Connectors
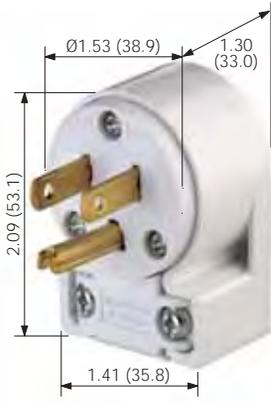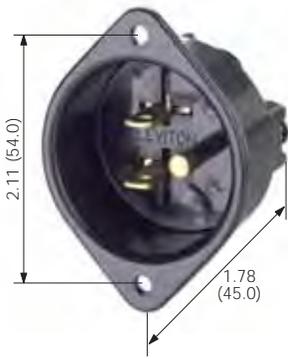
15 AMP Plugs, Angle Plugs, Armored Plugs and Connectors

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	5-15P 5-15R
PVC Grounding Connector	515CV	Yellow	
Armored Grounding Connector	515CA	Yellow/Steel Armor	
Rubber Grounding Connector	515CR	Black	
Motor Base Inlet	5239	Black	

Ø1.38 (35.1)
2.61 (66.3)
Ø1.54 (39.1)
515CV

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	6-15P 6-15R
Armored Grounding Connector	615CA	Yellow/Steel Armor	
Motor Base Inlet	5240	Black	

Ø1.53 (38.9) 1.30 (33.0)
2.09 (53.1)
1.41 (35.8)
515AN

2.11 (54.0)
1.78 (45.0)
5239

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	
Armored Grounding Connector	520CA	Yellow/Steel Armor	

5-20P   5-20R

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	
Armored Grounding Connector	620CA	Yellow/Steel Armor	
Rubber Back Grounding Plug	620PR	Black	

6-20P   6-20R

Ø1.38 (35.1)

2.56 (65.0)   2.02 (51.3)

Ø1.55 (39.2)

520CA

Ø1.38 (35.1)

1.94 (49.4)

Ø1.54 (39.4)

620PV

Ø1.38 (35.1)

1.94 (49.4)

Ø1.54 (39.1)

620PR

SPECIFICATIONS AND FEATURES

- Triple-drive head screws — Standard, Philips, 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.

Commercial Grade Straight Blade Plugs and Connectors
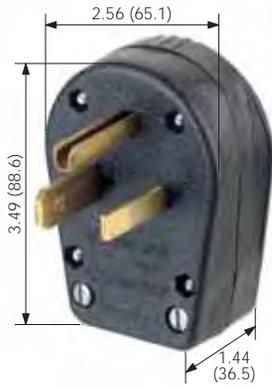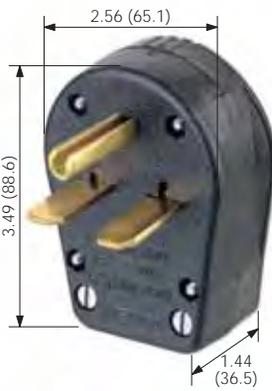
30 AMP/50 AMP Dual Power Attachment Plugs

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

930

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

931

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

Easy Wire Plugs Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded) Amperage (Watts)	NEMA CONFIG.
Non-Polarized	**321** **321-W**	Brown White		#16/2 HPN, 15A (1875 Watts) #18/2 HPN, 10A (1250 Watts) #18/2 SPT-1, 10A (1250 Watts) #18/2 SPT-2, 10A (1250 Watts)	1-15P Non-Polarized
Polarized	**321-P*** **321-PW***	Brown White			1-15P Polarized
Non-Polarized	**123** **123-I** **123-W**	Brown Ivory White		#18/2 SPT-1, 10A (1250 Watts) #20/2 XT, 3A (375 Watts)	1-15P Non-Polarized
Polarized	**123-P*** **123-PI*** **123-PW***	Brown Ivory White			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	
Note: *Consult factory for availability of non-polarized version*					
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	.245–.655"	AWG 18-2 to 12-2 cable.	
Non-Polarized Heavy-Duty TPE Rubber Plug	**115PR**	Black			
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 ★

321-PW

123-PI

101

102-W

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

Straight Blade Plugs and Connectors

Residential Grade Straight Blade Plugs and Connectors

Ø1.50 (38.1)

1.64 (41.7)

Ø1.53 (38.9)

113
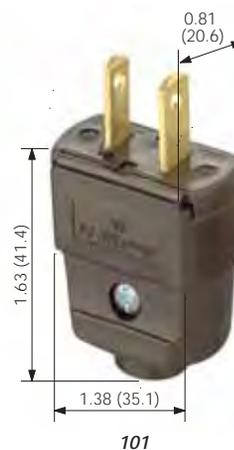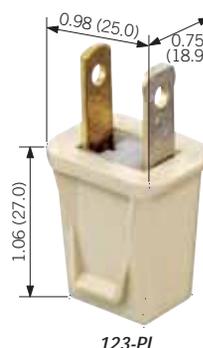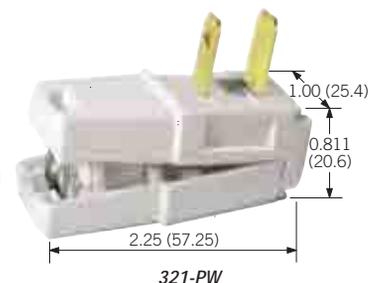
15 AMP Plugs and Connectors

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 ★

Ø1.50 (38.1)

2.27 (57.5)

Ø1.53 (38.9)

114

4937

Straight Blade Plugs and Connectors

Locking and Corrosion Resistant Devices

INDEX

LEVITON®

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.

BLACK&WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS

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 triple drive 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

Molded-in strip gage provides correct measurement for proper strip length of conductor

Deep slotted/ Phillips/Robertson steel screws secure wiring module (12-14 in.-lbs) to body

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

Super Tough Nylon resists damage from severe impact, abrasion and chemical attack

Speed drive screws for faster assembly

Terminal identification letters on back cover ensure quick and accurate termination

Positive crimp contact plate bundles stranded wire maximizing wire/clamp surface contact

LIFETIME WARRANTY
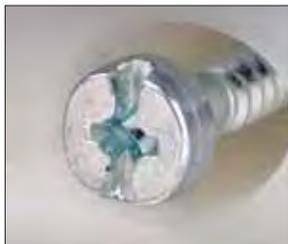
Shrouded pockets in cord clamp prevents slippage of screwdriver blade when tightening clamp screws.

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.

Locking Devices

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

V-O-MAX® LOCKING FLUSH RECEPTACLES
Engineered for maximum performance with a UL 94 V-O Flammability Rating.

V-O-MAX®
CORROSION RESISTANT
FLUSH RECEPTACLES–UL V-O RATING

Color-Coded Voltage Ratings

125V | 250V | 277V AC
125/250V | 3ø250V | 3ø480V

LIFETIME WARRANTY

- Extra thick .050" nickel-plated brass mounting strap
- Stamped-in agency certifications
- Amperage & voltage rating
- NEMA line number
- Color-coded voltage rating
- Manufacturer
- Stability ribs
- Uni-body face
- Triple-combo mounting screws
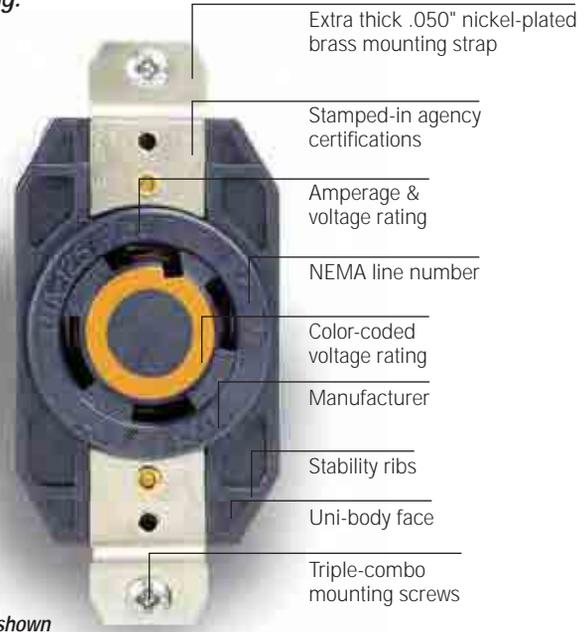
2710 shown

Seam between front cover and back cover is far from contact arcing

Molded-in terminal identification letters

Oversized #10 brass Phillips/Robertson/ Straight Slot drive terminal screw

Multi-termination design

Accepts #8º#14 solid or stranded conductors

Contacts deeply seated in thick walled faced

Mechanically-secured all-brass ground path

One-piece .040" thick brass, high-copper content contacts with nickel-plated clamp type terminals

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, alkalies, grease, oils and solvents. *24W47 shown*

Locking Devices

Industrial Grade Locking and Corrosion Resistant Devices

Wetguard® (Leviton)

Cord Ranges
.375" min., 1.125" max.

NEMA configuration
number and rating
molded onto device face

26W47 shown

Clear back cover on wiring
module for easy inspection
of wired terminals

Heavy-duty, one-
piece nickel-plated
brass contacts for
maximum
conductivity

Deep-fluted finger
grips make for a
firm grip when
tightening nut

Rubber body is molded
to bondable nylon sub-
strate to maximize
sealing capability

Extra large, deep wiring wells
for quick, easy insertion of
stranded conductors

Module and husk
keyed for alignment

**LIFETIME
WARRANTY** *27W47 shown*

Non-magnetic stainless steel body assembly
screws prevent electromagnetic interference

Combination Phillips/standard
assembly screws (Robertson/Slotted
for Canada)

Nickel-plated brass blades, contacts,
wiring screws and lugs resist corrosion

Innovative strain
relief system and
compression nut
provide a watertight
seal and prevent
cord slippage

EPTR rubber parts resist water and
most acids, alkalies, grease, oil, and
solvents. Offers UV stability and
resists fungal growth

*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 environ-
ments. 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.*

Solid brass plug
blades held tightly in
individual module
configurations

Non-magnetic stainless steel
assembly screws will not inter-
fere with sensitive navigational
equipment

*52CM-69C
shown*

Plug blades
avoid con-
taminants in
interior
chamber

Captive, brass #8
terminal screws are
color coded for easy
wiring identification

All current-carrying
metal parts (blades,
contacts, terminals
and screws) are elec-
troless nickel-coated

Heavy-duty, impact-
resistant, super tough
ST801 all-nylon body
construction, with
sure grip fluted design

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. Thermoplastic 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.

Nylon plug and con-
nector body is distin-
guished by a bright
yellow color for easy
identification as
corrosion resistant

*52CM-66C
shown*

Wiring module keyed
to body for easy
assembly and tight fit

Mill-slotted, stainless
steel cord clamp
screws set in deep-
funneled wells
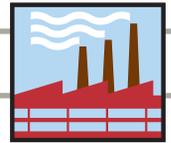
Wire clamp provides
positive crimp lock with-
out cutting wire strands

Locking and Corrosion Resistant Devices

N
4

BLACK & WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS

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	

L5-15P   L5-15R

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

Ø 1.39 (35.3)   Ø 1.53 (38.9)   1.98 (50.4)

4729-C

Ø 1.39 (35.3)   Ø 1.53 (38.9)   2.76 (70.0)

4720-CA

Ø 1.53 (38.9)   1.30 (33.0)   2.09 (53.2)   1.47 (35.7)

4716-C

Ø 2.50 (63.5)   1.78 (43.5)   Ø 1.69 (42.8)

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
- Super tough 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
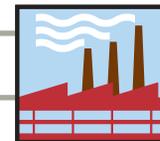
Flanged Inlets and Outlets
- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

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

Locking Devices

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

Ø 1.53 (38.9) 1.30 (33.0)

2.09 (53.2)

1.47 (35.7)

4570-CA

Ø 1.39 (35.3)   Ø 1.53 (38.9)

1.98 (50.4)

4570-CY

Ø 1.39 (35.3)   Ø 1.53 (38.9)

2.76 (70.0)
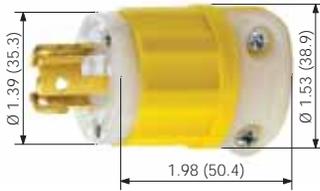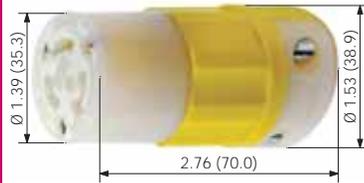
4579-CY

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.

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
- Super tough 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
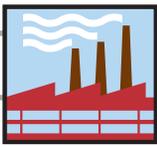
Flanged Inlets and Outlets
- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

- 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)
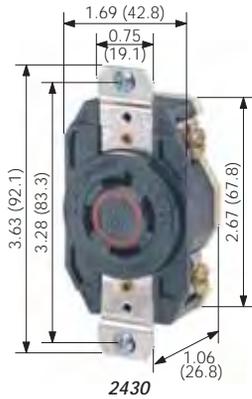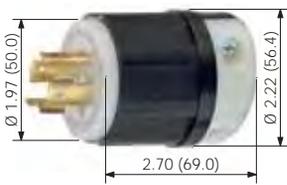- Backed by a Lifetime Warranty

Environmental: Flammability Rated V2 per UL94
Operating Temperature: -40°C to 60°C

Locking Devices

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

BLACK&WHITE
INDUSTRIAL GRADE | PLUGS & CONNECTORS

20 AMP 125V 2-Pole 3-Wire Grounding ⓊL CSA

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2310	
V-0-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	L5-20P L5-20R
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	
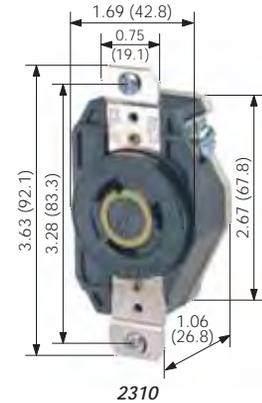
20 AMP 250V 2-Pole 3-Wire Grounding ⓊL CSA

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2320	
V-0-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	L6-20P L6-20R
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	

20 AMP 277V 2-Pole 3-Wire Grounding ⓊL CSA

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2330	
V-0-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	L7-20P L7-20R
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

2310

1.69 (42.8)
0.75 (19.1)
3.63 (92.1)
3.28 (83.3)
2.67 (67.8)
1.06 (26.8)

2311

Ø 1.84 (46.8)
2.08 (53.0)
2.47 (63.0)

2313

Ø 1.84 (46.8)
Ø 2.08 (52.8)
3.53 (89.7)

2316

Ø 2.88 (73.0)
Ø 1.84 (46.8)
2.11 (53.6)
Ø 2.05 (52.0)

Cord Clamp Range—Black & White Plugs and Connectors: .385"–.780" #16–#10 AWG

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
- Super tough 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

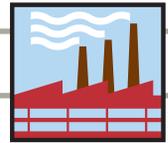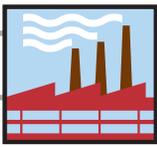**Flanged Inlets and Outlets**
- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

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-0-MAX® Receptacles Rated V0

Operating Temperature: -40°C to 60°C

Locking Devices

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

Locking Devices

20 AMP 347V 2-Pole 3-Wire Grounding ℂⓈ

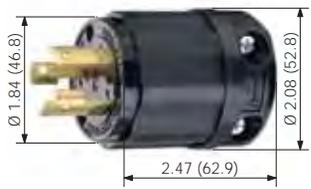| DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	3720	
Locking Plug, Black & White Nylon Body	3721	L24-20P L24-20R
Locking Connector, Black & White Nylon Body	3723	
Locking Flanged Inlet	3755	
Locking Flanged Outlet	3756	

2340

20 AMP 480V 2-Pole 3-Wire Grounding ⓊⓁ ℂⓈ

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	

2341

20 AMP 600V 2-Pole 3-Wire Grounding ⓊⓁ ℂⓈ

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	

2343

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.

2365

Industrial Grade Locking Devices

BLACK & WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS

20 AMP 3Ø 250V 3-Pole 3-Wire Non-Grounding (UL)

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2370	
Locking Plug, Black & White Nylon Body	2371†	
Locking Connector, Black & White Nylon Body	2373	
Locking Flanged Inlet	2375	
Locking Flanged Outlet	2376	
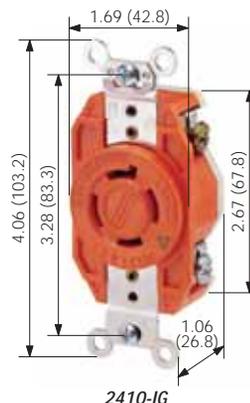
L11-20P   L11-20R

20 AMP 3Ø 480V 3-Pole 3-Wire Non-Grounding (UL)

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2380	
Locking Plug, Black & White Nylon Body	2381	
Locking Connector, Black & White Nylon Body	2383	
Locking Flanged Inlet	2385	
Locking Flanged Outlet	2386	

L12-20P   L12-20R

20 AMP 125/250V 3-Pole 4-Wire Grounding (UL) (CSA)

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2410	
V-0-MAX® Single Flush Receptacle, Isolated Ground	2410-IG	
Locking Plug, Black & White Nylon Body	2411	
Locking Connector, Black & White Nylon Body	2413	
Locking Flanged Inlet	2415	
Locking Flanged Outlet	2416	

L14-20P   L14-20R

20 AMP 3Ø 250V 3-Pole 4-Wire Grounding (UL) (CSA)

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2420†	
V-0-MAX® Single Flush Receptacle, Isolated Ground	2420-IG†	
Locking Plug, Black & White Nylon Body	2421	
Locking Connector, Black & White Nylon Body	2423	
Locking Flanged Inlet	2425	
Locking Flanged Outlet	2426	

L15-20P   L15-20R

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
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-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
- Super tough 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)
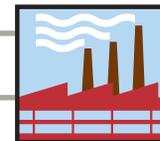- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0

Operating Temperature: -40°C to 60°C

Locking Devices

1.69 (42.8)
4.06 (103.2)
3.28 (83.3)
2.67 (67.8)
1.06 (26.8)
2410-IG

Ø 1.97 (50.0)
Ø 2.22 (56.4)
2.70 (69.0)
2411

Ø 1.97 (50.0)
Ø 2.22 (56.4)
3.78 (96.0)
2413

Ø 3.03 (77.0)
2.31 (58.7)
Ø 2.22 (56.4)
2416

Industrial Grade Locking Devices

BLACK & WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS

2430

2431

2433

2435

20 AMP 3Ø 480V 3-Pole 4-Wire Grounding ⓊL ⓈP

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Flush Receptacle	2430	
V-O-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 ⓊL

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 ⓊL

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 ⓊL

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-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
- Super tough 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
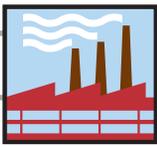
TESTING AND CODE COMPLIANCE
- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 – Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles and Flanged Outlets (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty
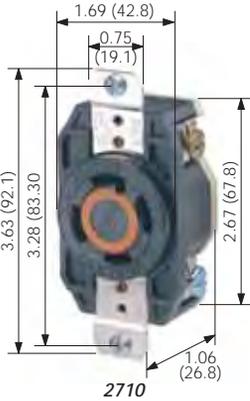
MATERIAL CHARACTERISTICS
Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0
Operating Temperature: -40°C to 60°C

Locking Devices

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

BLACK&WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS

20 AMP 3ØY 120/208V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2510	
V-0-MAX® Single Flush Receptacle, Isolated Ground	2510-IG	
Locking Plug, Black & White Nylon Body	2511	L21-20P
Locking Connector, Black & White Nylon Body	2513	L21-20R
Locking Flanged Inlet	2515	
Locking Flanged Outlet	2516	

2510

20 AMP 3ØY 277/480V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2520	
V-0-MAX® Single Flush Receptacle, Isolated Ground	2520-IG	
Locking Plug, Black & White Nylon Body	2521	L22-20P
Locking Connector, Black & White Nylon Body	2523	L22-20R
Locking Flanged Inlet	2525	
Locking Flanged Outlet	2526	

2511

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
Locking Connector, Black & White Nylon Body	2533	L23-20R
Locking Flanged Inlet	2545	
Locking Flanged Outlet	2546	

2513

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

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
• Super tough 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
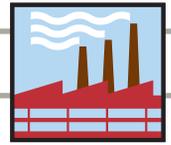
Flanged Inlets and Outlets
• Rugged nylon flange fits flush and won't crack in high-abuse applications
• Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
• Wire clamps provide positive crimp lock without cutting wire strands

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

Locking Devices

Industrial Grade Locking Devices

BLACK & WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS

Locking Devices

2620

1.69 (42.8)
0.75 (19.1)
3.63 (92.1)
3.28 (83.3)
2.67 (67.8)
1.06 (26.8)

2621-B
Ø 1.84 (46.8)
Ø 2.08 (52.8)
2.47 (62.9)

2625F
Ø 2.88 (73.0)
2.11 (53.6)
Ø 2.05 (52.0)

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-O-MAX® Single Flush Receptacle	2610	
V-O-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	L5-30P L5-30R
Locking Connector, Black & White Nylon Body	2613	
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-O-MAX® Single Flush Receptacle	2620	
V-O-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	L6-30P L6-30R
Locking Connector, Black & White Nylon Body	C2623	
Power Indication™ Locking Connector, Black & White Nylon Body	2623-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-O-MAX® Single Flush Receptacle	2630	
V-O-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	L7-30P L7-30R
Locking Connector, Black & White Nylon Body	2633	
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.

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
- Super tough 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

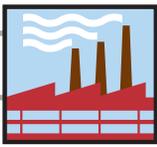**Flanged Inlets and Outlets**
- Rugged nylon flange fits flush and won't crack in high-abuse applications
- Individual deep-funneled chamfered wire wells guide each wire into rectangular chambers
- Wire clamps provide positive crimp lock without cutting wire strands

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)
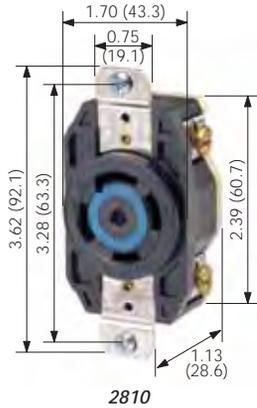- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0
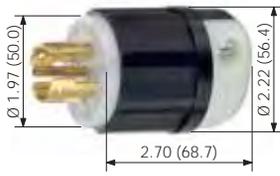
Operating Temperature: -40°C to 60°C

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Industrial Grade Locking Devices

BLACK & WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS

30 AMP 480V 2-Pole 3-Wire Grounding ⓤ Ⓒ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2640	
V-0-MAX® Single Flush Receptacle, Isolated Ground	2640-IG	
Locking Plug, Black & White Nylon Body	2641	L8-30P L8-30R
Locking Connector, Black & White Nylon Body	2643	
Locking Flanged Inlet	2645	
Locking Flanged Outlet	2646	

30 AMP 600V 2-Pole 3-Wire Grounding ⓤ Ⓒ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2650	
V-0-MAX® Single Flush Receptacle, Isolated Ground	2650-IG	
Locking Plug, Black & White Nylon Body	C2651	L9-30P L9-30R
Locking Connector, Black & White Nylon Body	C2653	
Locking Flanged Inlet	2655	
Locking Flanged Outlet	2656	

30 AMP 125/250V 3-Pole 3-Wire Non-Grounding ⓤ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2660	
Locking Plug, Black & White Nylon Body	2661	L10-30P L10-30R
Locking Connector, Black & White Nylon Body	2663	
Locking Flanged Inlet	2665	
Locking Flanged Outlet	2666	

30 AMP 3Ø 250V 3-Pole 3-Wire Non-Grounding ⓤ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2670	
Locking Plug, Black & White Nylon Body	2671	L11-30P L11-30R
Locking Connector, Black & White Nylon Body	2673	
Locking Flanged Inlet	2675	
Locking Flanged Outlet	2676	

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

1.69 (42.8)
0.75 (19.1)
3.63 (92.1)
2.38 (83.3)
2.67 (67.8)
1.06 (26.8)

2650-A

Ø 2.88 (73.0)
2.11 (53.6)
Ø 2.05 (52.0)

2656

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
• Super tough 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
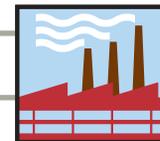• Wire clamps provide positive crimp lock without cutting wire strands

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

Locking Devices

BLACK & WHITE™
INDUSTRIAL GRADE PLUGS & CONNECTORS

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	L12-30P L12-30R
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	L13-30P L13-30R
Locking Flanged Inlet	2695	
Locking Flanged Outlet	2696	

30 AMP 125/250V 3-Pole 4-Wire Grounding ⓊⓁ ⓒⓈ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2710	
V-0-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	L14-30P L14-30R
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-0-MAX® Single Flush Receptacle	2720	
V-0-MAX® Single Flush Receptacle, Isolated Ground	2720-IG	
Locking Plug, Black & White Nylon Body	2721	
Locking Connector, Black & White Nylon Body	2723	L15-30P L15-30R
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	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.

Dimension labels (left column images):
1.69 (42.8)
0.75 (19.1)
3.63 (92.1)
3.28 (83.30)
2.67 (67.8)
1.06 (26.8)
2710

Ø 1.97 (50.0)
Ø 2.22 (56.4)
2.70 (68.7)
2711

Ø 1.97 (50.0)
Ø 2.22 (56.4)
3.78 (96.0)
2713

Ø 3.03 (77.0)
2.31 (58.7)
Ø 2.22 (56.3)
2715

Locking Devices

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
- Super tough 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

- 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

Environmental: Flammability Rated V2 per UL94, V-0-MAX® Receptacles Rated V0

Operating Temperature: -40°C to 60°C

LEVITON®
To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

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	
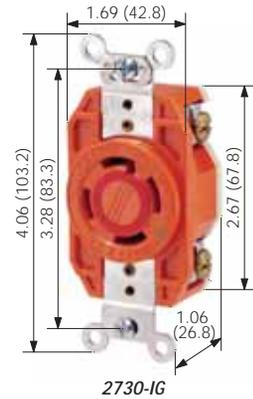
30 AMP 3Ø 600V 3-Pole 4-Wire Grounding

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	
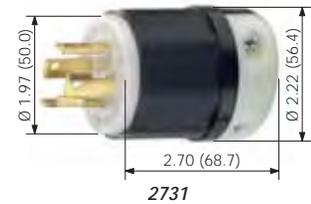
30 AMP 3ØY 120/208V 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2750	
Locking Plug, Black & White Nylon Body	2751	L18-30P L18-30R
Locking Connector, Black & White Nylon Body	2753	
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	L19-30P L19-30R
Locking Connector, Black & White Nylon Body	2763	
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.

2730-IG
2731
2733
2736

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
- Super tough 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
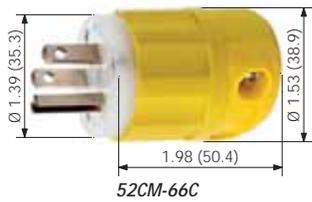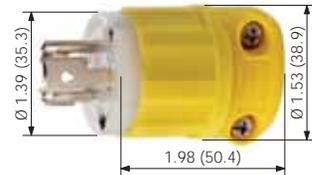Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0
Operating Temperature: -40°C to 60°C

Locking Devices

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

1.70 (43.3)
0.75 (19.1)
3.62 (92.1)
3.28 (63.3)
2.39 (60.7)
1.13 (28.6)

2810

Ø 1.97 (50.0)
Ø 2.22 (56.4)
2.70 (68.7)

2811

Ø 1.97 (50.0)
Ø 2.22 (56.4)
3.78 (96.0)

2813

Ø 3.03 (77.0)
2.31 (58.7)
Ø 2.22 (56.4)

2816

30 AMP 3ØY 347/600V 4-Pole 4-Wire Non-Grounding ⓤ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Flush Receptacle	2770	L20-30P L20-30R
Locking Plug, Black & White Nylon Body	2771	
Locking Connector, Black & White Nylon Body	2773	
Locking Flanged Inlet	2775	
Locking Flanged Outlet	2776	

30 AMP 3ØY 120/208V 4-Pole 5-Wire Grounding ⓤ ⓢ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-0-MAX® Single Flush Receptacle	2810	L21-30P L21-30R
V-0-MAX® Single Flush Receptacle, Isolated Ground	2810-IG	
Locking Plug, Black & White Nylon Body	2811	
Locking Connector, Black & White Nylon Body	2813	
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	L22-30P L22-30R
Single Flush Receptacle, Isolated Ground	2820-IG	
Locking Plug, Black & White Nylon Body	2821	
Locking Connector, Black & White Nylon Body	2823	
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	L23-30P L23-30R
Single Flush Receptacle, Isolated Ground	2830-IG	
Locking Plug, Black & White Nylon Body	2831	
Locking Connector, Black & White Nylon Body	2833	
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	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.

Cord Clamp Range—Black & White Plugs and Connectors: .595"–1.150" #14–#8 AWG

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
- Super tough 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)
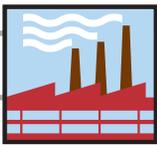- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability Rated V2 per UL94, V-O-MAX® Receptacles Rated V0

Operating Temperature: -40°C to 60°C

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

Locking Devices

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	**24W47** L5-15P	**25W47** L5-15R
Black EPTR	**24W47-B**	**25W47-B**
Yellow EPTR, 15A-250V 2-Pole, 3-Wire	**24W49** L6-15P	**25W49** L6-15R
Yellow EPTR, 15A-277V 2-Pole, 3-Wire	**24W34** L7-15P	**25W34** L7-15R
Yellow EPTR, 20A-125V 2-Pole, 3-Wire	**26W47** L5-20P	**27W47** L5-20R
Black EPTR	**26W47B**	**27W47B**
Yellow EPTR, 20A-250V 2-Pole, 3-Wire	**26W48** L6-20P	**27W48** L6-20R
Black EPTR	**26W48-B**	**27W48-B**
Yellow EPTR, 20A-277V 2-Pole, 3-Wire	**26W49** L7-20P	**27W49** L7-20R

Replacement Closure Cap

DESCRIPTION	CAT. NO. YELLOW	CAT. NO. BLACK
Connector Cap for 15A devices	**50W50**	**50W50-B**
Connector Cap for 20A devices	**50W52**	**50W52-B**
Plug Cap for 15A devices	**14W**	**14W-B**
Plug Cap for 20A devices	**26W**	**26W-B**

Cord Clamp Range—Wetguard® Locking Plugs and Connectors
15A: .375"–.655" #18–#10 AWG
20A: .375"–.875" #18–#10 AWG

Ø 1.50 (38.1)   Ø 1.28 (32.5)   2.71 (68.8)
24W47

4.11 (104.4)   Ø 2.30 (58.3)
25W47

Ø 2.31 (58.7)   3.58 (91.0)
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

Industrial Grade Wetguard® Locking Devices

Ø 2.31 (58.7)
3.58 (91.0)

26W81

5.46 (138.7)
Ø 2.50 (63.3)

27W81

Ø 2.31 (58.7)
3.58 (91.0)

26W81-B

Wetguard® Wetguard® Devices Engineered to IP66 & IP67 Watertight Standards

Wetguard Locking Plugs and Connectors ⓤ ⓢ

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 Black EPTR	26W75 L15-20P 26W75-B	27W75 L15-20R 27W75-B
Yellow EPTR, 20A-3Ø 480V 3-Pole, 4-Wire Black EPTR	26W76 L16-20P 26W76-B	27W76 L16-20R 27W76-B
Yellow EPTR, 20A-3ØY 120/208V 4-Pole, 5-Wire Black EPTR	26W81 L21-20P 26W81-B	27W81 L21-20R 27W81-B
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

Locking Devices

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	28W47 (L5-30P)	29W47 (L5-30R)
Black EPTR	28W47-B	29W47-B
Yellow EPTR, 30A-250V 2-Pole, 3-Wire	28W48 (L6-30P)	29W48 (L6-30R)
Yellow EPTR, 30A-277V 2-Pole, 3-Wire	28W49 (L7-30P)	29W49 (L7-30R)
Yellow EPTR, 30A-125/250V 3-Pole, 4-Wire	28W74 (L14-30P)	29W74 (L14-30R)
Yellow EPTR, 30A-3Ø 250V 3-Pole, 4-Wire	28W75 (L15-30P)	29W75 (L15-30R)
Black EPTR	28W75-B	29W75-B
Yellow EPTR, 30A-3Ø 480V 3-Pole, 4-Wire	28W76 (L16-30P)	29W76 (L16-30R)
Black EPTR	28W76-B	29W76-B
Yellow EPTR, 30A-3Ø 600V 3-Pole, 4-Wire	28W77 (L17-30P)	29W77 (L17-30R)
Black EPTR	28W77-B	29W77-B
Yellow EPTR, 30A-3ØY 120/208V 4-Pole, 5-Wire	28W81 (L21-30P)	29W81 (L21-30R)
Yellow EPTR, 30A-3ØY 277/480V 4-Pole, 5-Wire	28W82 (L22-30P)	29W82 (L22-30R)
Yellow EPTR, 30A-3ØY 347/600V 4-Pole, 5-Wire	28W83 (L23-30P)	29W83 (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	28W08 (NON-NEMA)	29W08 (NON-NEMA)
Yellow EPTR, 30A-3ØY 120/208V 4-Pole, 4-Wire	28W09 (NON-NEMA)	29W09 (NON-NEMA)

Replacement Closure Cap

DESCRIPTION	CAT. NO. YELLOW	CAT. NO. BLACK
Connector Cap for 30A devices	50W54	50W54-B
Plug Cap for 30A devices	28W	28W-B

Cord Clamp Range—Wetguard® 30A Locking Plugs and Connectors: .625"–1.125" #12–#8 AWG

28W47

Ø 2.53 (64.3)
3.62 (92.0)

29W47

5.46 (138.7)
Ø 2.75 (69.9)

29W47-B

5.46 (138.7)
Ø 2.75 (69.9)

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

Locking Devices

Corrosion Resistant Devices

Ø 1.39 (35.3) Ø 1.53 (38.9) 1.98 (50.4)

52CM-66C

Ø 1.39 (35.3) Ø 1.53 (38.9) 1.98 (50.4)

47CM-20C

Ø 1.39 (35.3) Ø 1.53 (38.9) 2.76 (70.1)

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	52CM-66C	5-15P
Straight Blade Connector, Yellow Nylon Body and Cord Clamp	52CM-69C	5-15R
Duplex Receptacle, Smooth Face. One-Piece Electroless Nickel-Plated Brass Strap	52CM-62	5-15R
Single Receptacle, Smooth Face, Yellow Nylon Body	5261-CR	5-15R
Locking Plug, Yellow Nylon Body and Cord Clamp	47CM-20C	L5-15P
Locking Connector, Yellow Nylon Body and Cord Clamp	47CM-29C	L5-15R
Single Locking Flush Receptacle	47CM-10	L5-15R

5-15P   5-15R   L5-15P   L5-15R

15 AMP 250V 2-Pole 3-Wire Grounding ⓊⓁ ⓈⒶ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Receptacle, Smooth Face, Yellow Nylon Body	5661-CR	6-15R
Locking Plug, Yellow Nylon Body and Cord Clamp	45CM-70C	L6-15P
Locking Connector, Yellow Nylon Body and Cord Clamp	45CM-79C	L6-15R
Single Locking Flush Receptacle†	45CM-60	L6-15R

6-15P   6-15R   L6-15P   L6-15R

15 AMP 277V AC 2-Pole 3-Wire Grounding ⓊⓁ ⓈⒶ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Locking Flush Receptacle	47CM-60	L7-15R

L7-15P   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	452CR Yellow 1/2", 453CR Yellow 3/4", 454CR Yellow 1"

For complete wallplate selection, see Section E.

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

- 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

Environmental: Flammability Rated V2 per UL 94

Operating Temperature: -40°C (without impact) to 60°C maximum continuous

20 AMP 125V 2-Pole 3-Wire Grounding Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Straight Blade Plug, Yellow Nylon Body and Cord Clamp	53CM-66C	5-20P
Straight Blade Connector, Yellow Nylon Body and Cord Clamp	53CM-69C	5-20R
Duplex Receptacle, smooth face. One Piece Electroless Nickel-Plated Brass Strap	53CM-62	5-20R
Single Receptacle, Smooth Face, Yellow Nylon Body	5361-CR	5-20R
Locking Plug, Yellow Nylon Body and Cord Clamp	23CM-11	L5-20P
Locking Connector, Yellow Nylon Body and Cord Clamp	23CM-13	L5-20R
V-O-MAX® Single Locking Flush Receptacle	23CM-10	L5-20R
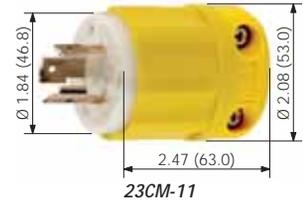
23CM-11

20 AMP 250V 2-Pole 3-Wire Grounding ⓊⓈ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Receptacle, Smooth Face, Yellow Nylon Body	5461-CR	6-20R
V-O-MAX® Single Locking Flush Receptacle	23CM-20	L6-20R
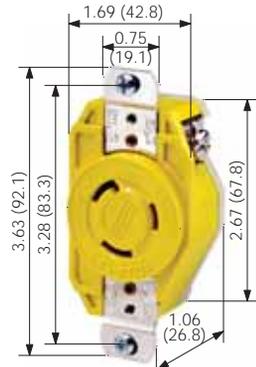
23CM-10

20 AMP 277V AC 2-Pole 3-Wire Grounding ⓊⓈ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Locking Flush Receptacle	23CM-30	L7-20R

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

20 AMP 125/250V 3-Pole 4-Wire Grounding ⓊⓈ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Locking Flush Receptacle	24CM-10	L14-20R

20 AMP 3Ø 250V 3-Pole 4-Wire Grounding ⓊⓈ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Locking Flush Receptacle	24CM-20	L15-20R

20 AMP 3Ø 480V 3-Pole 4-Wire Grounding ⓊⓈ

DESCRIPTION	CAT. NO.	NEMA CONFIG.
V-O-MAX® Single Locking Flush Receptacle	24CM-30	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
BLANK PLATE W/GASKET	**FD BOX GLASS-FILLED POLYESTER (2 KO OPENINGS)**	
WP459 Yellow	452CR 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, 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

Corrosion Resistant Devices

Ø 1.84 (46.8)
Ø 2.08 (52.8)
2.47 (63.0)

26CM-11

1.69 (42.8)
0.75 (19.1)
3.63 (92.1)
2.38 (83.3)
2.67 (67.8)
1.06 (26.8)

26CM-10

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	L5-30P	L5-30R
V-O-MAX® Single Locking Flush Receptacle	**26CM-10**	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	L6-30P	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	L14-30P	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	L15-30P	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**	**60W05** Yellow, **60W05-B** Black

BLANK PLATE W/GASKET	FD BOX GLASS-FILLED POLYESTER (2 KO OPENINGS)	
WP459 Yellow	**452CR** 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

BLACK&WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS

50 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Locking Plug, Yellow Nylon Body and Cord Clamp	6361-CR	
Locking Connector, Yellow Nylon Body and Cord Clamp	6360-CR	
Single Locking Flush Receptacle	6370-CR	
Power Inlet, 316 Stainless Steel w/Threaded Cap	6372-CR	

50 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Locking Plug, Yellow Nylon Body and Cord Clamp	6365-CR	
Locking Connector, Yellow Nylon Body and Cord Clamp	6364-CR	
Single Locking Flush Receptacle	6369-CR	
Power Inlet, 316 Stainless Steel w/Threaded Cap	6374-CR	

Boots and Covers for 50 AMP Corrosion Resistant Devices

DESCRIPTION	CAT. NO.
50A Locking Plug Boot, High Visibility Yellow	7715-CRY
50A Locking Plug Boot, Black	7715-CR
50A Locking Connector Boot, High Visibility Yellow	7717-CRY
50A Locking Connector Boot, High Visibility Yellow	7717-CR
Weather-Resistant Receptacle Flip Lid Cover, IP64 rated, Yellow Lexan	7788-CR
Cast Aluminum Grey Flip Lid Cover, IP64 rated	7770

Cord Clamp Range—50A CR Locking Plugs and Connectors: .650"–1.125" #10–#4 AWG

Ø 1.99 (50.5) Ø 2.38 (60.5) 4.97 (126.2)

6364-CR

7788-CR

Corrosion Resistant Devices

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
- Nylon plug and connector body are bright yellow for easy corrosion resistant identification
- Nylon housing for excellent impact resistance and secure gripping
- Boots are IP55 Rated

- Longer contacts inside connector assure stronger, tighter fitting contact points
- Backed by a lifetime warranty
- External cord clamp with cable insert accomodates from smallest to largest wire size
- Covers are IP64 rated for wet location with cover closed

TESTING AND CODE COMPLIANCE

- NOM Certified (#057)
- CSA Certified (File# 152105)

Receptacles
- UL Listed (File #E-111198)

Plugs & Connectors and Inlets
- UL Listed (File #E-57672)

MATERIAL CHARACTERISTICS

Operating Temperature: -40°C to 75°C

Industrial Grade Non-NEMA Locking Devices

BLACK & WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS

1.70 (43.3)
0.75 (19.1)
3.62 (92.1)
3.28 (83.3)
2.39 (60.7)
1.13 (28.6)

7310-B

Ø 1.84 (46.8)
Ø 2.08 (53.0)
3.53 (89.7)

7314-C

Ø 1.84 (46.8)
Ø 2.08 (53.0)
2.47 (63.0)

9965-C

15 AMP 125V/10A-250V 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	NON-NEMA
Locking Flanged Outlet	7409-C	

††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

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

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
- Super tough 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

LEVITON®
To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com

BLACK&WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS
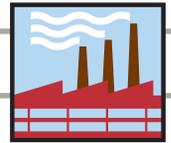
Industrial Grade Non-NEMA Locking Devices

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	

NON-NEMA

†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	

NON-NEMA

††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	

NON-NEMA

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*	
Locking Flanged Inlet	7958*	

NON-NEMA

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	

NON-NEMA

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	**7420-CR** for Receptacles	**7788-CR** Yellow Lexan	**7770** Gray Metal

For complete wallplate selection, see Section E.
* For replacement use in existing installations only.

1.70 (43.3)
0.75 (19.1)
3.62 (92.1)
3.28 (83.3)
2.38 (60.3)
1.13 (28.6)

3330

Ø 1.84 (46.8)
Ø 2.08 (52.8)
2.47 (63.0)

3331-C

Ø 1.84 (46.8)
Ø 2.08 (52.8)
3.53 (89.7)

3333-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: .650"–1.20"
#10–#4 AWG

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 Listed Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles (File #E-13399)
- CSA Certified (File #LR-81290)
- NOM certified (#057)

MATERIAL CHARACTERISTICS
Environmental:
Flammability Rated VO per UL94
Operating Temperature:
30A Devices: -40°C to 60°C
50A Devices: -40°C to 75°C

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
- Super tough 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
- Nylon housing for excellent impact and chemical resistance

50A Locking Receptacles and Flanged Inlets
- Heavy-duty Nylon construction for excellent impact and chemical resistance
- Clamp-type wire terminals

Locking Devices

Industrial Grade "California Style" CS Non-NEMA Locking Devices
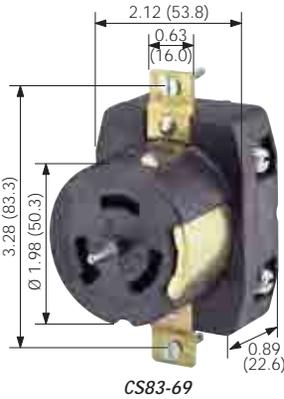
Ø 1.99 (50.5)
Ø 2.38 (60.5)
4.97 (126.2)

CS63-60C

Ø 3.50 (88.9)
Ø 2.12 (53.8)
2.54 (64.5)
Ø 2.24 (56.9)

CS63-77

2.12 (53.8)
0.63 (16.0)
3.28 (83.3)
1.98 (50.3)
Ø 1.98 (50.3)
0.89 (22.6)

CS83-69

BLACK&WHITE
INDUSTRIAL GRADE PLUGS & CONNECTORS

50 AMP 125V 2-Pole 3-Wire Grounding Non-NEMA Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS63-70	
Locking Plug	CS63-61C	
Locking Connector	CS63-60C	
Locking Flanged Inlet	CS63-77	NON-NEMA

50 AMP 250V 2-Pole 3-Wire Grounding Non-NEMA Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS82-69	
Locking Plug	CS82-65C	
Locking Connector	CS82-64C	
Locking Flanged Inlet	CS82-75	NON-NEMA

50 AMP 125/250V 3-Pole 4-Wire Grounding Non-NEMA Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS63-69	
Locking Plug	CS63-65C	
Locking Connector	CS63-64C	
Locking Flanged Inlet	CS63-75	NON-NEMA

50 AMP 3Ø 250V AC 3-Pole 4-Wire Grounding Non-NEMA Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS83-69	
Locking Plug	CS83-65C	
Locking Connector	CS83-64C	
Locking Flanged Inlet	CS83-75	NON-NEMA

50 AMP 480V 2-Pole 3-Wire Grounding Non-NEMA Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS84-69	
Locking Plug	CS84-65C	
Locking Connector	CS84-64C	
Locking Flanged Inlet	CS84-75	NON-NEMA

50 AMP 3Ø 480V AC 3-Pole 4-Wire Grounding Non-NEMA Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Locking Receptacle	CS81-69	
Locking Plug	CS81-65C	
Locking Connector	CS81-64C	
Locking Flanged Inlet	CS8175	NON-NEMA

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** Gray Metal

For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

50A CS Locking Plugs and Connectors
- Nylon housing for excellent impact resistance and secure gripping
- Color-coded wire entrance holes for simple, easy wiring

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 Listed Plugs, Connectors and Flanged Inlets (File #E-13393), Receptacles (File #E-13399)
- CSA Certified (File #LR-15105)
- NOM Certified (#057)

MATERIAL CHARACTERISTICS

Environmental: Flammability Rated VO per UL94
Operating Temperature: -40°C to 75°C

Locking Devices

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

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
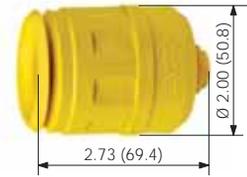
Boots for 3-Wire 20 AMP & 30 AMP Industrial Locking Plugs and Connectors

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

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

For Weather-Resistant Boots for 50A Locking Plugs and Connectors see page N23

6017-LY

6032

6033

6034

Locking Devices

Industrial Grade Locking Power Interrupting Devices—Non-NEMA

23000-HG

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***	RECEPTACLE

*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**	RECEPTACLE
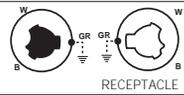
30A-600VAC / 20AMP – 250V DC 3-Pole 4-Wire Grounding Ⓤ

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Single Flush Receptacle	**20403**	
Locking Connector	**21414-B**	
Locking Plug	**21415-B**	RECEPTACLE
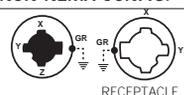
30A-600VAC / 20AMP – 250V DC 4-Pole 5-Wire Grounding Ⓤ

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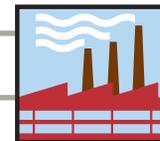
For complete wallplate selection, see Section E.

Industrial Grade Midget Locking Devices

15 AMP 125V 2-Pole 2-Wire Non-Grounding ⓊⓁ Ⓢ®

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Midget Locking Plug	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	

NEMA ML1

ML1-P

15 AMP 125V 2-Pole 3-Wire Grounding ⓊⓁ Ⓢ®

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Midget Locking Plug	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	

NEMA ML2

ML1-AP

15 AMP 125/250V 3-Pole 3-Wire Non-Grounding ⓊⓁ Ⓢ®

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Midget Locking Plug	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	

NEMA ML3

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	

NEMA 1-15P

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

Locking Devices

Industrial Grade Locking Devices

Locking Devices

1.44 (36.4)
4.06 (103.2)
3.28 (83.3)
2.77 (70.4)
0.97 (24.7)
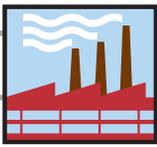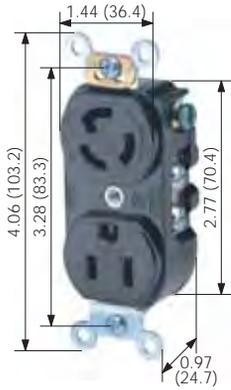
4792

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**	5-15R

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
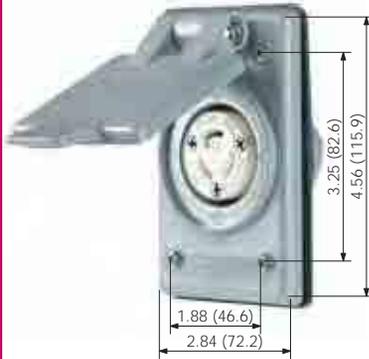
DESCRIPTION	CAT. NO. FLANGED INLET	CAT. NO. FLANGED OUTLET
Standard Wire Wells, 15A-125V 2-Pole, 3-Wire	**4716-CWP** NEMA L5-15P	**4715-CWP** NEMA L5-15R
Slots for Fork Terminals, 15A-125V 2-Pole, 3-Wire	**4716-FWP** NEMA L5-15P	**4715-FWP** NEMA L5-15R
Standard Wire Wells, 15A-250V 2-Pole, 3-Wire	**4586-CWP** NEMA L6-15P	**4585-CWP** NEMA L6-15R

3.25 (82.6)
4.56 (115.9)
1.88 (46.6)
2.84 (72.2)

4715-FWP

Note: For straight blade configurations, please see page M7.

Wallplates
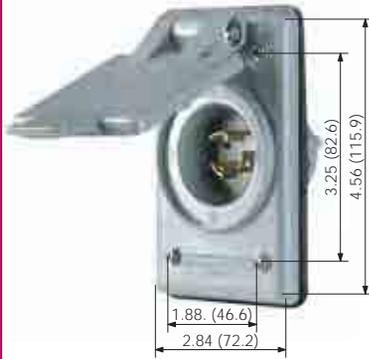
302 STAINLESS STEEL DUPLEX RECEPTACLE	THERMOPLASTIC DUPLEX RECEPTACLE
84003-40	80703-E

3.25 (82.6)
4.56 (115.9)
1.88 (46.6)
2.84 (72.2)

4716-FWP

For complete wallplate selection, see Section E.

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

Pin &Sleeve Devices Index

LEVITON

Industrial Grade North American Watertight Pin & Sleeve Devices
IEC 309-1 & 309-2

2 YEAR LIMITED
WARRANTY

Engineered to IP67
Watertight Standards
North American Rated Devices
20, 30, 60 & 100 Amp

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.
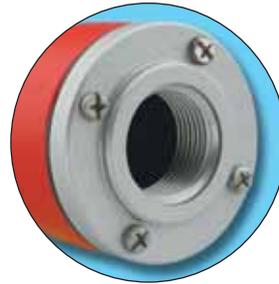
Accepts liquid-tight conduit with adapter accessory—See page O21

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

Front Terminals, Raised Lettering, Identification

Watertight Chloroprene Onion Skin Grommet

5100C7W

Rear Terminals, Raised Lettering, Identification

Calibrated, Self-Adjusting Contacts

Valox® is a registered trademark of GE.

Rockwell Automation
Encompass™ Product Partner
Americas

Pin & Sleeve Devices

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*
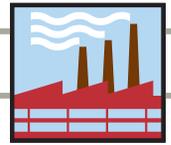
Super Tough Housing

- 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
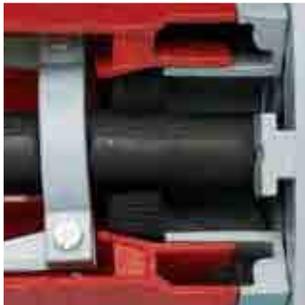
Internal Cord Clamp

- 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
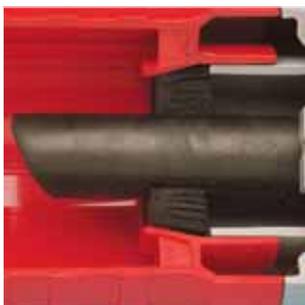
Gasket/Grommet

- 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
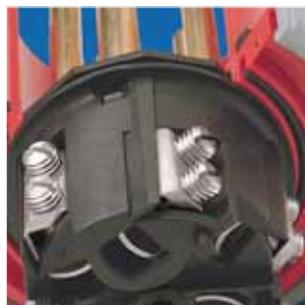
Terminal Screws

- 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
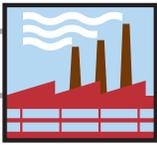
Pin & Sleeve Devices

Industrial Grade North American Watertight Pin & Sleeve Devices
IEC 309-1 & 309-2
20 AMP and 30 AMP Watertight Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY

Engineered to IP67 Watertight Standards

| PLUG — 320P4W | CONNECTOR — 320C4W | RECEPTACLE — 420R9W | INLET — 420B9W | BACK BOX — BX230-V |

Pin & Sleeve Devices

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.

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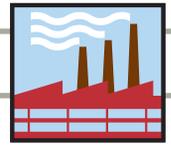
Industrial Grade North American Watertight Pin & Sleeve Devices
IEC 309-1 & 309-2

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 O21 & O22.
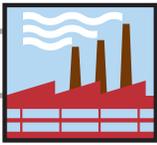
Pin & Sleeve Devices

Industrial Grade North American Watertight Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY

Engineered to IP67 Watertight Standards
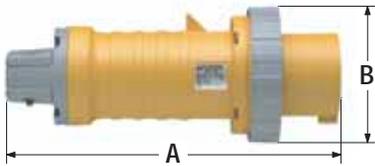
Plug Dimensions

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

20A, 30A PLUG

60A, 100A PLUG

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
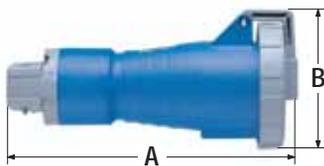
20A, 30A CONNECTOR
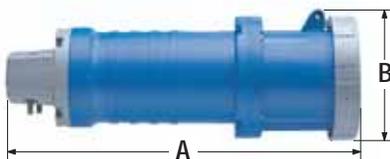
60A, 100A CONNECTOR
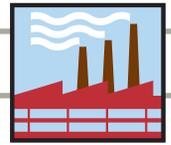
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Industrial Grade North American Watertight Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY

Engineered to IP67 Watertight Standards

20A, 30A INLET

60A, 100A INLET

20A, 30A RECEPTACLE

60A, 100A RECEPTACLE
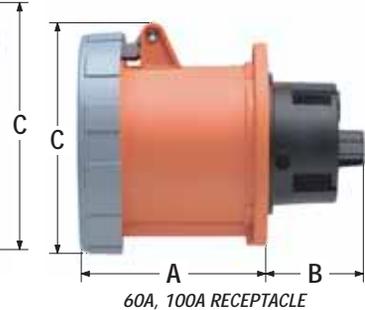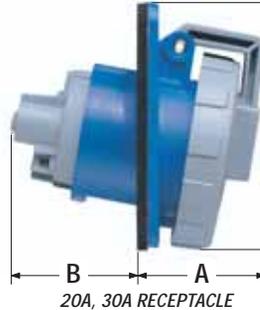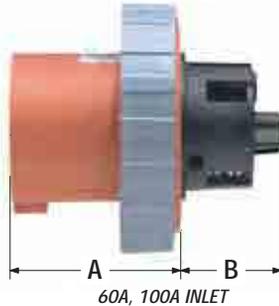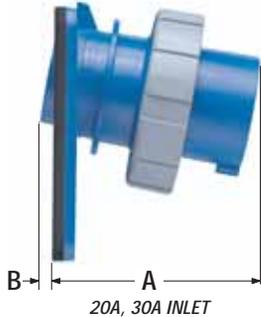
Inlet Dimensions

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

Drilling Plan
Inlets & Receptacles

Clearance hole diameter D
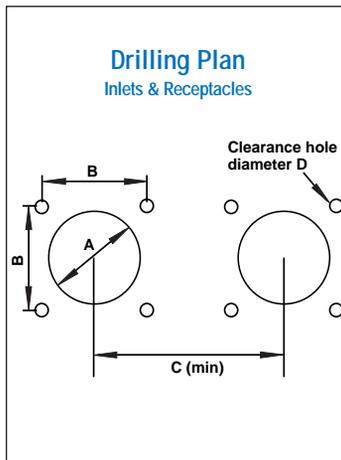
DEVICE SIZE		A inches	A mm	B inches	B mm	C (min) inches	C (min) mm	D inches	D mm
20A; 3-wire:	Receptacle	3.26	83	3.12	79.5	3.94	100	0.185	4.7
	Inlet	3.26	83	3.12	79.5	3.94	100	0.185	4.7
20A; 4-wire:	Receptacle	3.26	83	3.12	79.5	4.33	110	0.185	4.7
	Inlet	3.26	83	3.12	79.5	4.33	110	0.185	4.7
20A; 5-wire:	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
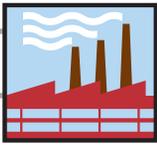
Pin & Sleeve Devices

Industrial Grade North American Watertight Pin & Sleeve Devices

Engineered to IP67 Watertight Standards

2 YEAR LIMITED WARRANTY

Encompass Product Partner

- 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

4100P12W   *4100C12W*

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 Asmbly	Thermoplastic
External Cord Clamp Asmbly	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

Plugs

PART	MATERIAL
Housing	Valox 357
Locking Ring	Valox 357
Sealing Gasket	Solid Chloroprene
Internal Cord Clamp Asmbly	Thermoplastic
External Cord Clamp Asmbly	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	✔	✔	✔
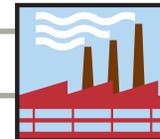
LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

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	**Device** **# Cycles with Load** 20A 5000 Rated Current, Voltage 30A,60A 1000 Rated Current, Voltage 100A 250 Rated Current, Voltage **(Power Factor 0.75 – 0.80)**

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	**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	(mm2)		
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.
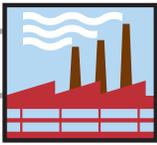
Pin & Sleeve Devices

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

PowerSwitch®
by Leviton

560MI7W
60 Amp

Fused Models Accept "Class J" Time-Delay Fuses

420MI9W
20 Amp

420MF9W
20 Amp, Fused

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.
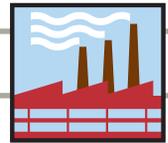
Pin & Sleeve Devices

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LEVITON®   *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

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"

Red "pistol grip" handle provides visual confirmation of switch's status

Integrated lockout handle meets OSHA safety regulations

Stainless steel screws are captive and will not fall out when cover is opened

Handle with padlock installed

Impact, UV and chemical-resistant Valox enclosure rated to UL and IEC water-tight standards
• Type 3R, 4X & 12K
• IP67

Circuit identification pad for means of identifying specific equipment loads

Fused Models Accept "Class J" Time-Delay Fuses

420MF9W

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
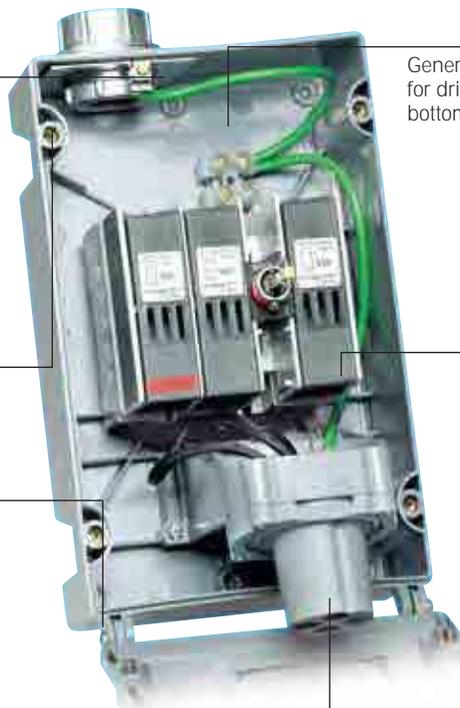
Generous wiring space for drip loop or top to bottom wiring
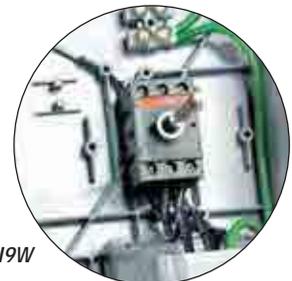
420MI9W

Compact non-fused mechanical interlocks are easy to wire

Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover

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

Rugged hinge mechanism pivots 180º for easy access during installation and maintenance

PowerSwitch® by Leviton

Pre-wired IEC receptacle accepts all manufacturer's IEC 309-2 plugs

420MF9W

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	✔	✔	✔
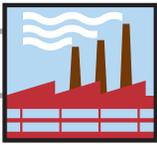
Pin & Sleeve Devices

Industrial Grade North American Watertight Mechanical Interlocks
Non-Fused & Fused

PowerSwitch® by Leviton

Fused Models Accept
"Class J" Time-Delay Fuses

420MF9W

Engineered to IP67
Watertight Standards

2 YEAR LIMITED WARRANTY

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

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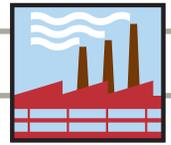
Industrial Grade North American Watertight Mechanical Interlocks
Non-Fused & Fused

Fused Models Accept "Class J" Time-Delay Fuses

Engineered to IP67 Watertight Standards

2 YEAR LIMITED WARRANTY

PowerSwitch® *by Leviton*

560MI7W

Type 3R, 4X & 12K
IP67

AMPS	WIRING	VOLTAGE AC	RECEPTACLE CONFIG.	PLUG CONFIG.	NON-FUSED MECHANICAL INTERLOCK	HP RATING	FUSED MECHANICAL INTERLOCK	HP RATING	USE PLUG CAT. NO.
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 MECHANICAL INTERLOCK	HORSEPOWER RATING	USE PLUG CAT. NO.
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.
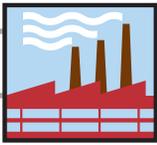
Pin & Sleeve Devices

Industrial Grade North American Watertight Mechanical Interlocks
Non-Fused & Fused

2 YEAR LIMITED
WARRANTY

Pin & Sleeve Devices

8.78
(223.0)
6.30
(160.0)
12.95 (329.0)
ON
OFF
12.06 (306.4)

8.29
(211.0)
7.94
(201.7)
12.52 (318.0)

7.95
(202.0)
7.12
(180.9)
5.12
(130.0)
3.11
(79.1)
6.85 (174.1)
8.86 (255.0)
10.86 (276.0)
11.69 (297.0)
0.33
(8.5)
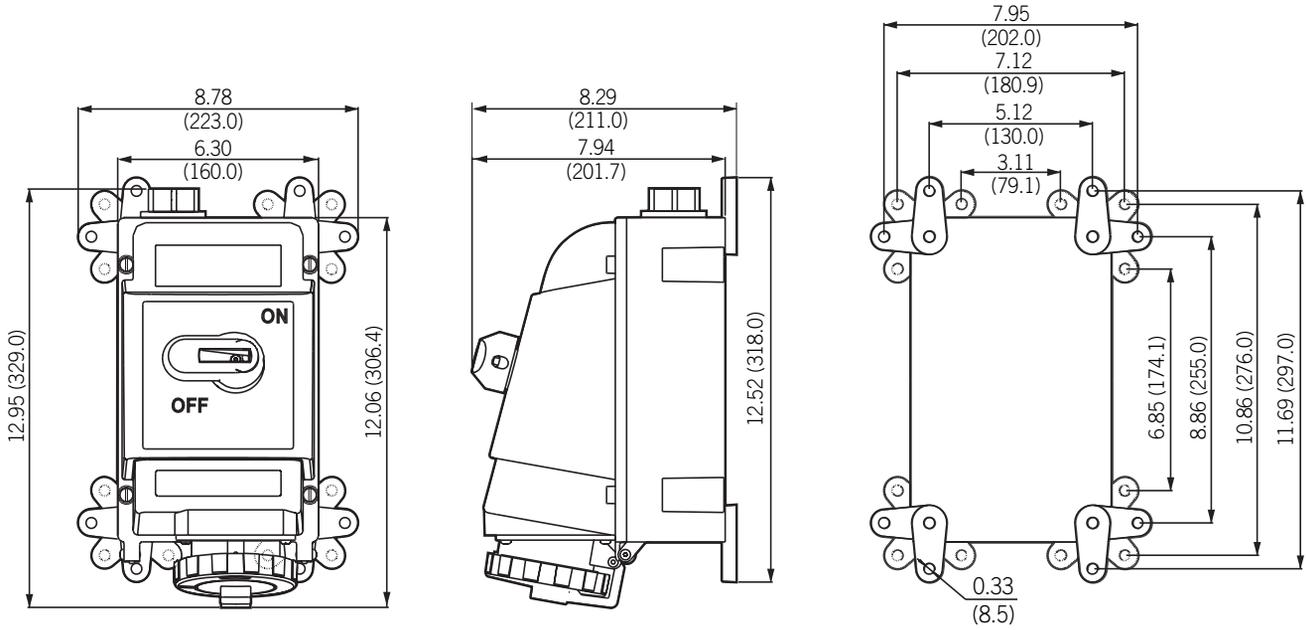
20 AMP & 30 AMP FUSED AND NON-FUSED

9.37
(238.0)
6.89
(175.0)
19.06 (484.1)
ON
OFF
18.13 (460.6)

9.80
(248.9)
9.35
(237.4)
18.54 (471.0)

8.54
(217)
7.71
(195.9)
5.71
(145)
3.70
(94.1)
12.88 (327.1)
14.88 (378.0)
16.89 (428.9)
17.72 (450.0)
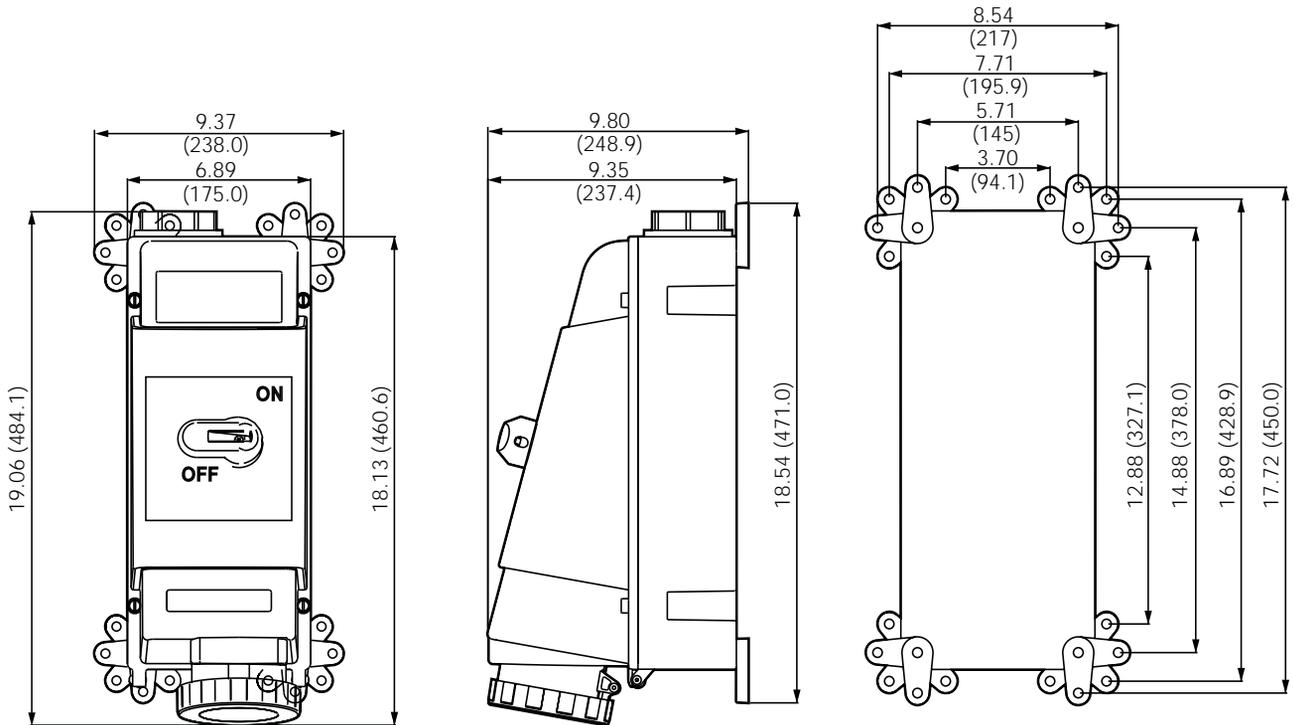
60 AMP FUSED & NON-FUSED &100 AMP NON-FUSED

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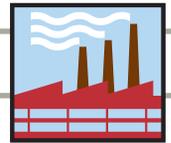
Industrial Grade North American Watertight Mechanical Interlocks
20, 30, 60 and 100 AMP

Engineered to IP67 Watertight Standards

2 YEAR LIMITED WARRANTY

PowerSwitch® *by Leviton*

- 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 (1¹/₂")	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
✔	✔	✔	✔	✔	✔	✔
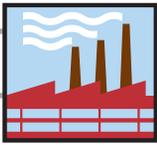
Pin & Sleeve Devices

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.

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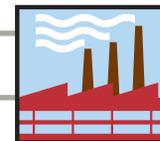
Industrial Grade International-Rated Pin & Sleeve Devices

- Classified to IEC Standards 309-1 and 309-2
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC

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

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 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

16A, 32A PLUG · *63A PLUG* · *32A PLUG* · *125A PLUG* · *16A, 32A CONNECTOR* · *63A CONNECTOR*
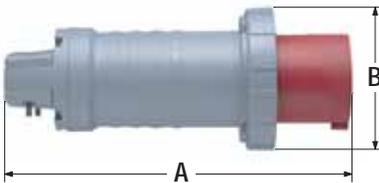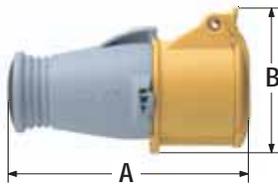
International-Rated Pin & Sleeve Devices
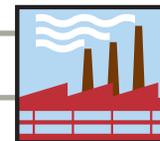
2 YEAR LIMITED WARRANTY

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
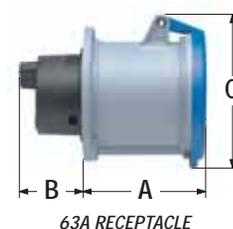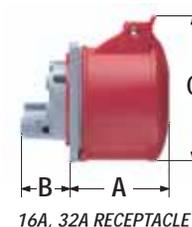
63A RECEPTACLE

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
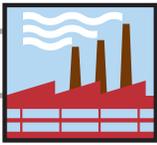
125A INLET

International-Rated Pin & Sleeve Devices

Industrial Grade International-Rated Pin & Sleeve Devices

International-Rated Pin & Sleeve Devices
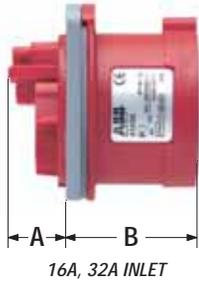
Inlet Dimensions

16A, 32A INLET

63A INLET

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
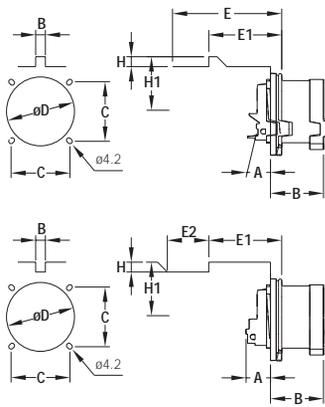
DEVICE SIZE		C	D	E	E1	E2	G	H	H1
SP316B	in	1.73-1.85	1.93	2.95	1.59	0.31	0.35	0.16	1.18
	mm	44-47	49	75	40.5	8	9	4	30
SP416B	in	1.97-2.05	2.32	3.15	1.83	0.31	0.35	0.2	1.34
	mm	50-52	59	80	46.5	8	9	5	34
SP516B	in	1.97-2.05	2.32	3.54	2.07	0.31	0.35	0.27	1.5
	mm	50-52	59	90	52.5	8	9	7	38
SP332B	in	2.36-2.40	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

Clearance hole diameter D
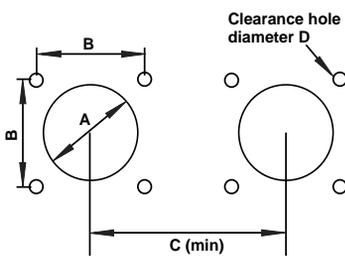
DEVICE SIZE		A inches	A mm	B inches	B mm	C (min) inches	C (min) mm	D inches	D mm
16A; 3-wire:	Receptacle	1.93	49	1.73	44	3.35	85	.185	4.7
	Inlet	1.93	49	1.73	44	3.35	85	.185	4.7
16A; 4-wire:	Receptacle	2.32	59	2.05	52	3.94	100	.185	4.7
	Inlet	2.32	59	2.05	52	3.94	100	.185	4.7
16A;5-wire:	Receptacle	2.32	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

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

2 YEAR LIMITED **WARRANTY**

BX230-V   *BX100-V*   *AP60*   *AP100*
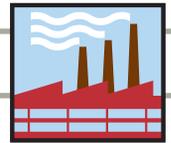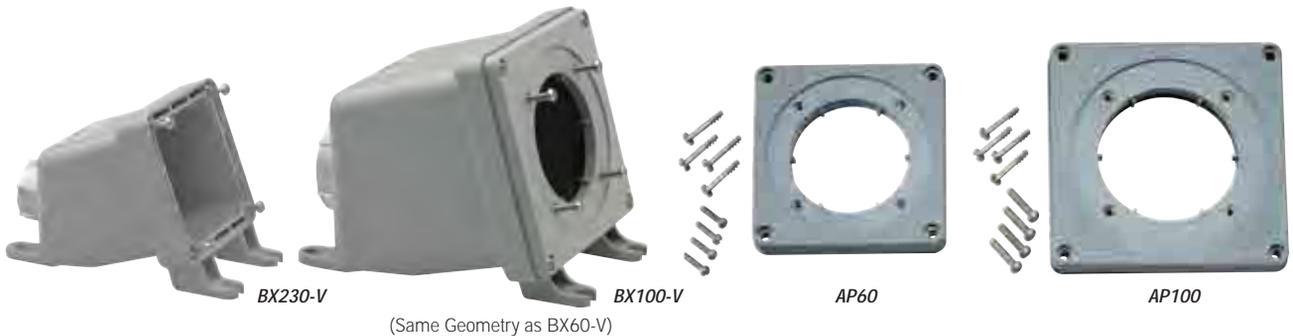
(Same Geometry as BX60-V)

Valox® Back Boxes for Watertight Inlets & Receptacles

APPLICATION	CATALOG NO.
20 & 30 Amp No Adapter Plate Required	**BX230-V**
60 Amp Adapter Plate Included	**BX60-V**
100 Amp Adapter Plate Included	**BX100-V**

Replacement Valox® Adapter Plates for Leviton & Hubbell Back Boxes

APPLICATION	CATALOG NO.
60 Amp Watertight Inlets & Receptacles	**AP60**
100 Amp Watertight Inlets & Receptacles	**AP100**
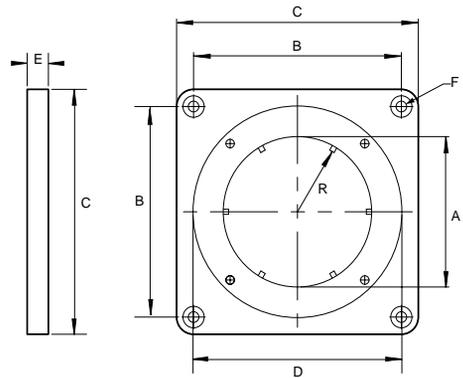
Dimensions for Valox® Adapter Plates

UNIT	A	B	C	D	E	F	R
60 Amp							
inch	2.78	3.86	4.50	3.88	.40	.20	1.28
mm	70	98	114	98.5	10	5	32.5
100 Amp							
inch	3.23	4.88	5.50	4.60	.40	.22	1.50
mm	82	124	140	117	10	5.5	38
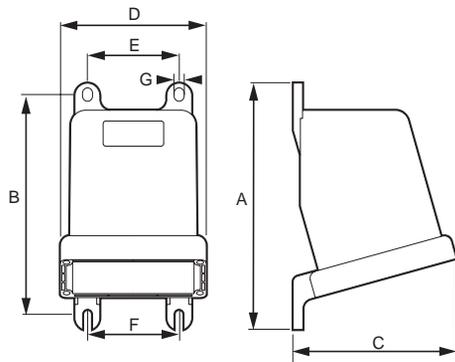
Dimensions for Valox® Back Boxes

UNIT	A	B	C	D	E	F	G
20 Amp & 30 Amp – 1" Hub							
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
60 Amp – 1¹/₂" Hub							
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
100 Amp – 2" Hub							
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.
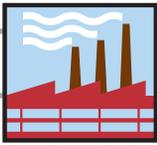
Pin & Sleeve Devices

Industrial Grade Pin & Sleeve Devices

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.*

CA520 CA100

RA420 RA100

Mount-Kit

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	NPT SIZE	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

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

Replacement Grommets for Plugs and Connectors

APPLICATION	CATALOG NUMBER
20A 3,4-Wire	GROMT-020
20A 5-Wire 30A 3,4-Wire	GROMT-023
30A 5-Wire	GROMT-030
All 60A	GROMT-060
All 100A	GROMT-100

Replacement Mounting Feet

APPLICATION	CATALOG NUMBER
For all Disconnects and Mechanical Interlocks. Includes 4 feet and 4 mounting screws	MOUNT-KIT
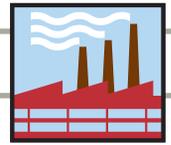
Making the Right Connection is as Easy as Matching Colors and Telling Time!

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)

125/250 VAC
3-pole, 4-wire

3Ø/250 VAC
3-pole, 4-wire

3ØY120/208 VAC
4-pole, 5-wire

3Ø380 VAC, 50Hz
3Ø440 VAC, 60Hz
3-pole, 4-wire

480 VAC
2-pole, 3-wire

3Ø480 VAC
3-pole, 4-wire

3ØY277/480 VAC
4-pole, 5-wire

110 VAC
2-pole, 3-wire

125 VAC
2-pole, 3-wire

277 VAC
2-pole, 3-wire

3ØY347/600 VAC
4-pole, 5-wire

3Ø/600 VAC
3-pole, 4-wire

380-415 VAC
3-pole, 4-wire

200/346-240/415 VAC
4-pole, 5-wire

240 VAC
2-pole, 3-wire

250 VAC
2-pole, 3-wire

Rated Voltage	Color
110V-130V	🟨
125V-250V	🟧
200V-250V	🟦
277V, 380V, 440V	⬜
346V-480V	🟥
500V and above	⬛

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.

3 20 R 6 W

PREFIX	1ST DIGIT	2ND–4TH DIGIT	LETTER	GROUNDING	SUFFIX
	3 = 3 wire	16 = 16 Amp	P = Plug	Clock position of female grounding contact	W = Watertight
	4 = 4 wire	20 = 20 Amp	C = Connector		
	5 = 5 wire	30 = 30 Amp	R = Receptacle	Not Used for Disconnects	Not Used for Disconnects
SP	Not Used for Disconnects	32 = 32 Amp	B = Inlet		
SP = Splashproof		60 = 60 Amp	MI = Mechanical Interlock		
		63 = 63 Amp	MF = Mechanical Interlock Fused		
		100 = 100 Amp			
DS		125 = 125 Amp	AX = Disconnect Switch Non-Fused		
DS = Disconnect Switch			FAX = Disconnect Switch Fused		

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 – $11/4$"
• 100 Amp – $11/2$"

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

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

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

Generous wiring space for top to bottom wiring

Handle with padlock installed

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

DS60-FAX

PowerSwitch®
by Leviton

STANDARDS & CERTIFICATIONS					
Saftey 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		✔	✔	*	✔

*Not available on DS30-AX

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

Industrial Grade Watertight Safety Disconnect Switches
UL 98 & UL 508 Listed, CUL per CSA Specification, C22.2 No. 14 Certified

2 YEAR LIMITED WARRANTY

Engineered to IP67 Watertight Standards

PowerSwitch® *by Leviton*

- ■ 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

Watertight Safety Disconnect Switches

Material Specifications

30 Amp Switch, Non-Fused

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Housing 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
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
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

Valox® is a registered trademark of GE.

STANDARDS & CERTIFICATIONS					
Safety Disconnect Switches					
UL 98 Fused	UL 508 Non-Fused	CSA C22.2 No.14	NOM	CE	IEC 947-3
✔	✔	✔	✔	*	✔

*Not available on DS30-AX

IP Ratings & UL Standards

CATALOG NO.	IP RATING	UL STANDARD
DS30-AX	IP67	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	——	——

Watertight Safety Disconnect Switches

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*
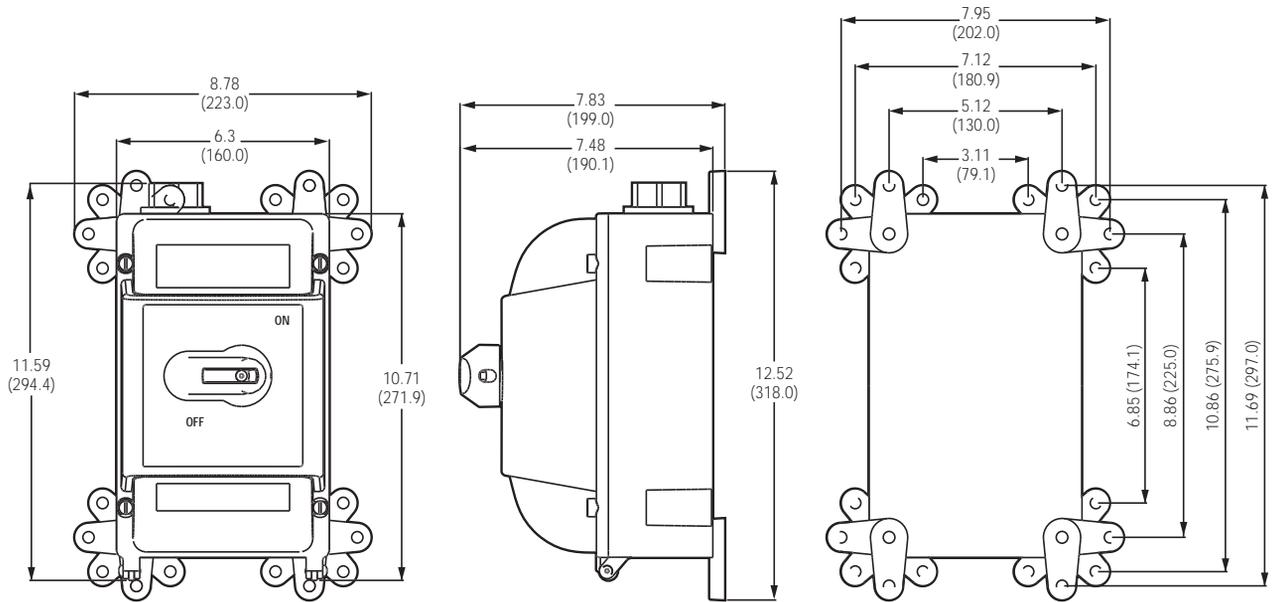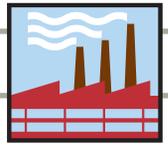
30 AMP FUSED & 60 AMP NON-FUSED
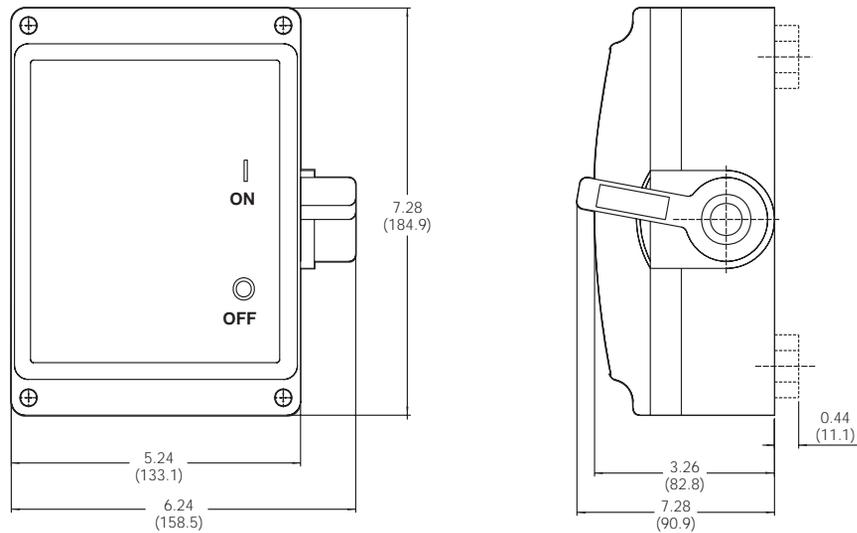
30 AMP NON-FUSED

Watertight Safety Disconnect Switches
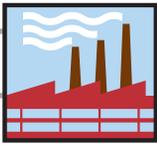
9.37 (238.0)
6.89 (175.0)
17.65 (448.4)
16.73 (424.9)
ON
OFF

8.94 (227.2)
8.49 (215.7)
18.54 (471.0)

8.54 (217)
7.71 (195.9)
5.71 (145)
3.70 (94.1)
12.88 (327.1)
14.88 (378.0)
16.89 (428.9)
17.72 (450.0)
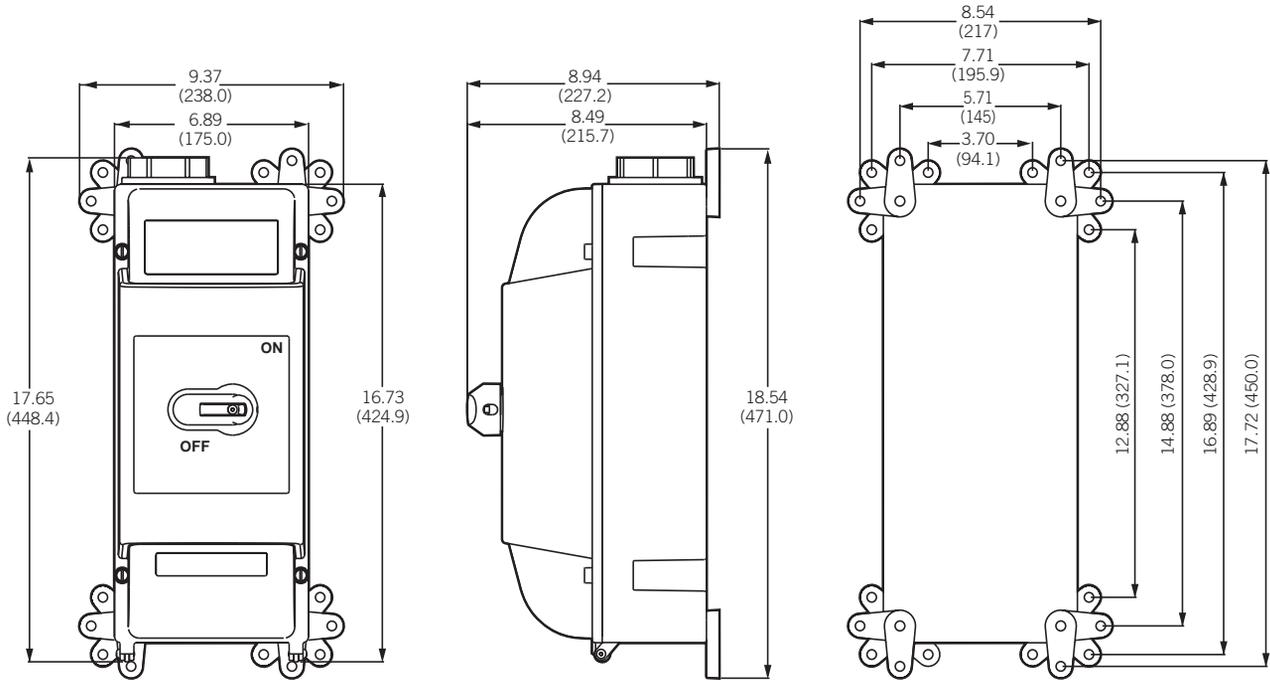
60 AMP FUSED & 100 AMP NON-FUSED

Auxiliary Contacts for Safety Disconnect Switches

- Leviton Disconnect Switches automatically ship with one factory installed auxiliary contact, normally open.

- A second auxiliary contact may be added. Select from the table below.

DEVICE	CATALOG NO.	DESCRIPTION
For ALL **non-fused** and **fused** disconnect switches	AUXNO	Normally open contact, 10 Amp, early break type
	AUXNC-NF	Normally closed contact, 10 Amp, early break type
For ALL **fused** disconnect switches	AUXNC-F	Normally closed contact, 10 Amp, early break type

Single Pole Cam-Type Connectors and Stage Pin Devices

INDEX

LEVITON®

Commercial Grade Stage Pin Devices

Stage Pin Devices — Conforms to USITT (United States Institute for Theater Technology) S3 Standard for Stage Pin Connectors

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
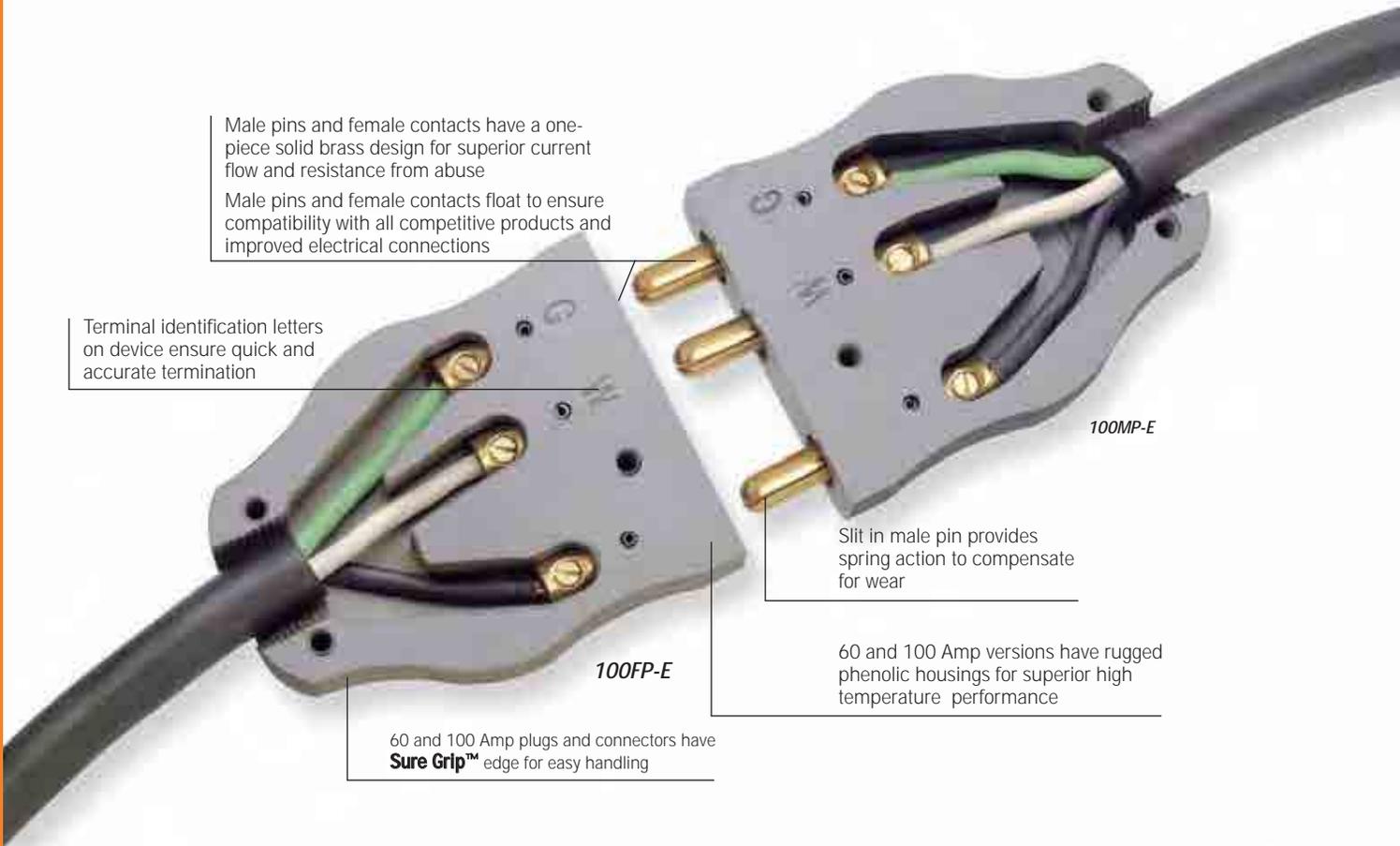
100MP-E

100FP-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

60 and 100 Amp plugs and connectors have **Sure Grip™** edge for easy handling

20MP-CL

Male Plug, Crimp Terminal

Male Plug, Pressure Plate Terminal

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.

Stage Pin Devices

Commercial Grade Stage Pin Devices

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

60A 125V, 2-P 3-W, Grounding

DESCRIPTION	CATALOG NO.	COLOR*
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

100A 125V, 2-P 3-W, Grounding

DESCRIPTION	CATALOG NO.	COLOR*
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

*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 DIMENSIONAL DRAWINGS

20MP-CL

20FP-CL

60MP-E

60FP-E

100MP-E

100FP-E

Male Panel Mount, Bolt-On

Female Panel Mount, Snap-In

Stage Pin Devices

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 distributon 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

Commercial Grade Single Pole Cam-Type Connectors
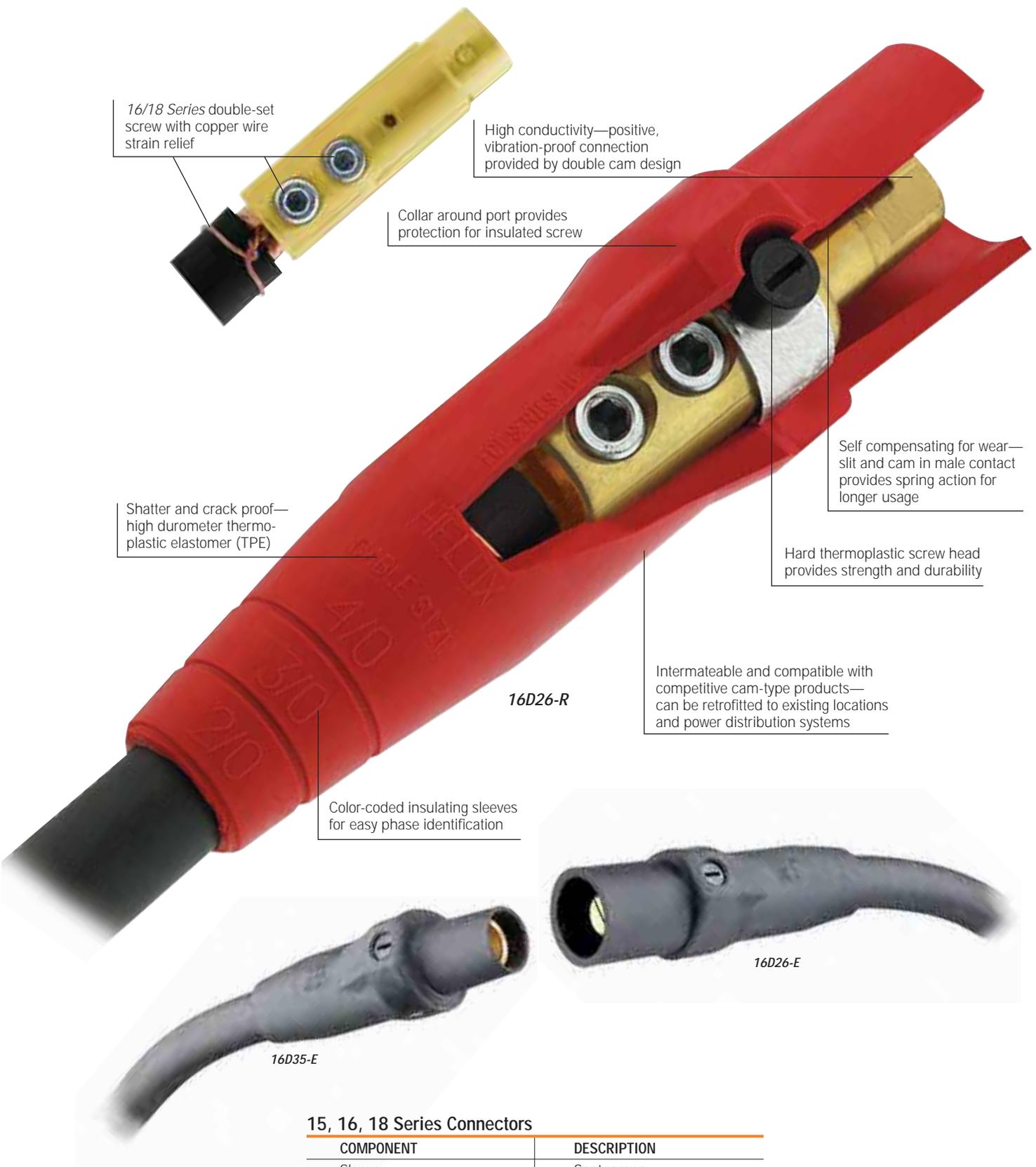
16/18 Series double-set screw with copper wire strain relief

High conductivity—positive, vibration-proof connection provided by double cam design

Collar around port provides protection for insulated screw

Self compensating for wear— slit and cam in male contact provides spring action for longer usage

Shatter and crack proof— high durometer thermoplastic elastomer (TPE)

Hard thermoplastic screw head provides strength and durability

16D26-R

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-E

16D35-E

15, 16, 18 Series Connectors

COMPONENT	DESCRIPTION
Sleeve	Santoprene
Contact	Brass
Strain Relief	Copper Wire

Single Pole Cam-Type Connectors

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

Single Pole Cam-Type Connectors

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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***	15D21-C	15SDM*	Single Set Screw
#6–#4	**15D23*†**	15D23-C	15SDM*	Crimped★

Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#6–#4	**15D22***	15D22-C	15SDF*	Single Set Screw
#6–#4	**15D24*†**	15D24-C	15SDF*	Crimped★

Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#8	**15D25***	15D26-C	15SDM*	Crimped

Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#8	**15D26***	15D26-C	15SDF-*	Crimped

Protective Caps for All 15 Series Insulators

STYLE	CAT NO.		STYLE	CAT NO.
Male	**15P21-E**		Female	**15P22-E**

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 DIMENSIONAL DRAWINGS

15D21

15D22

15R21-R

15P21-E

15A21-G

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).

†Available in Tour Grade (-T), Green (-G). Nickel Plated contact.

††For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B) and Green (-G).

★Contact Factory for Color Availability.

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

LEVITON®

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***	-	16SDM-22*★	Single Set Screw
#2–2/0	**16D22***	16D22-C	16SDM-22*★	Double Set Screw
#2–#1	**16D25***	-	16SDM-22*★	Crimped★
1/0–2/0	**16D26***	-	16SDM-22*★	Crimped★
1/0–2/0 HeavyDuty	**16D27***	-	-	Crimped★

Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#2–2/0	**16D29***	-	16SDF-22*★	Single Set Screw
#2–2/0	**16D31***	16D31-C	16SDF-22*★	Double Set Screw
#2–#1	**16D34***	-	16SDF-22*★	Crimped★
1/0–2/0	**16D35***	-	16SDF-22*★	Crimped★
1/0–2/0 Heavy Duty	**16D36***	-	-	Crimped★

Male Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
1/0–2/0	**16V22*†**	-	-	Crimped★

Female Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
1/0–2/0	**16V26*†**	-	-	Crimped★

SEE PAGE P21 and P22 FOR DIMENSIONAL 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).*

† *Available in Tour Grade (-T), Green (-G). Nickel Plated contact.*

★ *Contact Factory for Color Availability.*

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.

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***	-	16SDM-14*★	Single Set Screw
1/0–4/0	**16D24***	16D24-C	16SDM-14*★	Double Set Screw
3/0–4/0	**16D28***	-	16SDM-14*★	Crimped

Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
1/0–4/0	**16D32***	-	16SDF-14*★	Single Set Screw
1/0–4/0	**16D33***	16D33-C	16SDF-14*★	Double Set Screw
3/0–4/0	**16D37***	16D37-C	16SDF-14*★	Crimped

Male Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
3/0–4/0	**16V24***†	-	-	Crimped★

Female Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
3/0–4/0	**16V28***†	16V28-C	-	Crimped★

Protective Caps for All 16 Series Insulators

STYLE	CAT NO.	STYLE	CAT NO.
Male	**16P21***	Female	**16P22***

SEE PAGE P21 and P22 FOR DIMENSIONAL DRAWINGS

16D23-B

16D24-Y

16D32-W

16D33-O

16V24-Y

16V28-E

16P22-E

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).*

† *Available in Tour Grade (-T), Black (-E), White (-W), Red (-R) and Blue (-B). Nickel Plated contact.*

★ *Contact factory for color availability*

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.

Commercial Grade Single Pole Cam-Type Connectors

Single Pole Cam-Type Connectors

16R21-R

16RSW-R

16F21-B

16S21-0

16S21-E mounted on 16R24-14R

16A21-G

16A23-E

16A24-W

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 DIMENSIONAL 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.

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).*
† *Available in Tour Grade (-T), Black (-E), White (-W), Red (-R), Blue (-B) and Green (-G). Nickel Plated contact.*
†† *For color selections, add suffix to catalog number as follows: Black (-E), White (-W), Red (-R), Blue (-B) and Green (-G).*
★ *Contact factory for color availability*

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***	-	-	Single Set Screw★
#2–2/0	**18D22***	-	-	Double Set Screw★
#2–#1	**18D25***	-	-	Crimped★

18D21-B

Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
#2–2/0	**18D29***	-	-	Single Set Screw★
#2–2/0	**18D31***	-	-	Double Set Screw★

SEE PAGE P22 and P23 FOR DIMENSIONAL DRAWINGS

18D22-G
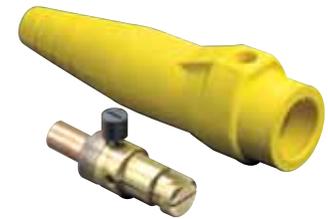
18D25-Y

18D29-O

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).*

★ *Contact factory for color availability*

18D31-W

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.

Single Pole Cam-Type Connectors

Commercial Grade Single Pole Cam-Type Connectors

18D23-Y

18D24-E

18D28-B

18D32-H

18D37-R

18V24-Y
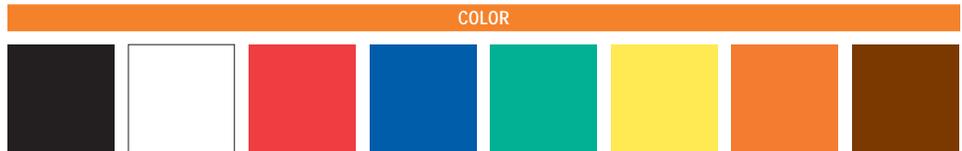
18 Series—Ball Nose—Up to 400 AMP, 600V
Refer to Ampacity Chart for all cable sizes on page P6

Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
1/0–4/0	18D23*	-	-	Single Set Screw★
1/0–4/0	18D24*	-	-	Double Set Screw

Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
1/0–4/0	18D33*	-	-	Double Set Screw

Protective Caps for All 18 Series Insulators★

STYLE	CAT NO.	STYLE	CAT NO.
Male	18P21*★	Female	18P22*★

SEE PAGE P22 and P23 FOR DIMENSIONAL 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).*

★ *Contact factory for color availability*

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.

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★

Multi-Way Connectors

STYLE	DESCRIPTION	CAT NO.
Tapping Tee	Female-Female-Male	**18A22★**
Double Male	Male-Male	**18A25*★**

SEE PAGE P22 and P23 FOR DIMENSIONAL 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

18A25-E
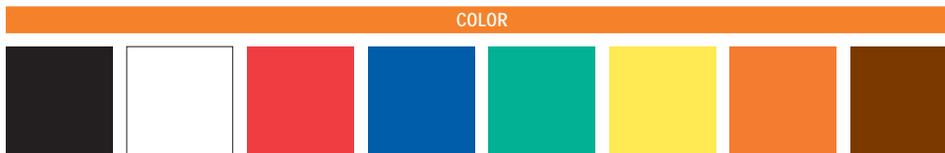
Single Pole Cam-Type Connectors

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).*

★ *Contact factory for color availability*

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

Industrial Grade Single Pole Cam-Type Connectors

17D21-W

17D23-E

17V26-G

17R23-E

17P21-E
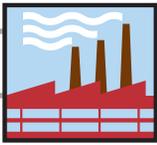
17 Series—Taper Nose—Up to 690 AMP, 600V
Refer to Ampacity Chart for all cable sizes on page P6

Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	**17D21***	-	17SDM*★	Double Set Screw
350–500 MCM	**17D22***	-	17SDM*★	Double Set Screw

Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	**17D23***	-	-	Double Set Screw
350–500 MCM	**17D24***	-	-	Double Set Screw

Male Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
350–500 MCM	**17V22***	-	-	Crimped★
500–750 MCM	**17V23***	-	-	Crimped★

Female Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
500–750 MCM	**17V26-E**	-	-	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★

SEE PAGE P24 FOR DIMENSIONAL 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).*

★ *Contact factory for color availability*

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.

Single Pole Cam-Type Connectors

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Industrial Grade Single Pole Cam-Type Connectors
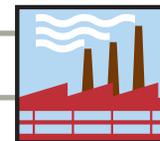
19 Series—Ball Nose—Up to 690 AMP, 600V
Refer to Ampacity Chart for all cable sizes on page P6

Male Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	**19D21***	-	-	Double Set Screw★
350–500 MCM	**19D22***	-	-	Double Set Screw

Female Detachable Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	**19D23***	-	-	Double Set Screw★
350–500 MCM	**19D24***	-	-	Double Set Screw★

Male Vulcanized Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
500–750 MCM	**19V23***	-	-	Crimped★

Protective Caps for All 19 Series Insulators

STYLE	CAT NO.		STYLE	CAT NO.
Male	**19P21***★		Female	**19P22**

Male Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	**19R21***	Threaded Stud	90 Degree

Female Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	**19R22***		90 Degree
250–750 MCM	**19R24***	Threaded Stud	30 Degree★

SEE PAGE P24 and P25 FOR DIMENSIONAL DRAWINGS

19D21-E

19D23-E

19V23-E

19P21-E

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).*

★ *Contact factory for color availability*

SPECIFICATIONS AND FEATURES

• The 19 Series Ball Nose connectors are designed for general industrial applications

Industrial Grade Single Pole Cam-Type Connectors

Single Pole Cam-Type Connectors

22L21-R

22L22-E

22L25-E

22L22-S

22R23-E

22R24-E

22L25-E

22R28-W
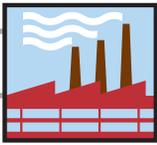
22 Series—Latching Ball Nose—Up to 690 Amp, 600V
Refer to Ampacity Chart for all cable sizes on page P6

Male Latching Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	22L21[1]	-	22SVM[3]	Crimped
350–500 MCM	22L22[2]	22L22-C	22SVM[3]	Crimped
350-500 MCM	22L22-S[3]†	-	-	-
500–750 MCM	22L23[3]	22L23-C	22SVM[3]	Crimped

Female Latching Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
250–350 MCM	22L24[1]	-	22SVF[3]	Crimped
350–500 MCM	22L25[2]	22L25-C	22SVF[3]	Crimped
350-500 MCM	22L25-S[3]†	-	-	-
500–750 MCM	22L26[3]	-	22SVF[3]	Crimped

Protective Caps for All 22 Series Insulators

STYLE	CAT NO.	STYLE	CAT NO.
Male	19P21★	Female	19P22★

Male Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	22R21[3]	Threaded Stud	90 Degree
250–750 MCM	22R23[3]	Threaded Stud	30 Degree

Female Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	22R22[3]	Threaded Stud	90 Degree
250–750 MCM	22R24[4]	Threaded Stud	30 Degree
250-750 MCM	22R26[3]	Threaded Stud	15 Degree

Female Panel Receptacles–with Micro Switch

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	22R28[3]	Threaded Stud	15 Degree

SEE PAGE P25 and P26 FOR DIMENSIONAL DRAWINGS

†*Detachable*
★*Contact factory for color availability*

COLOR							
Black (-E)	White (-W)	Red (-R)	Blue (-B)	Green (-G)	Yellow (-Y)	Orange (-O)	Brown (-H)
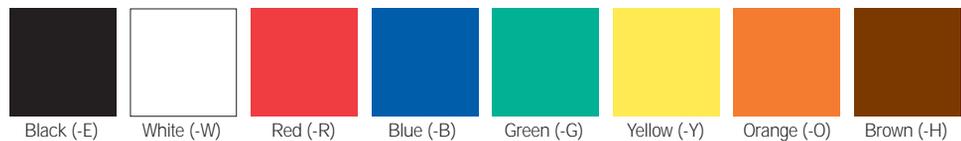
For color selections, add suffix to catalog number as follows:
[1] *Black (-E), White (-W), Red (-R), Green (-G)*
[2] *Black (-E), White (-W), Red (-R), Yellow (-Y), Orange (-O), Brown (-H)*
[3] *Black (-E), White (-W), Red (-R)*
[4] *Black (-E), White (-W), Red (-R), Green (-G), Yellow (-Y), Orange (-O), Brown (-H)*

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 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

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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
350–500 MCM	23L22[1]	-	-	Crimped
500–750 MCM	23L23[2]	-	-	Crimped

Female Latching Plug

CABLE SIZE	COMPLETE CAT NO.	CONTACT CAT NO.	INSULATOR CAT NO.	TERMINATION TYPE
350–500 MCM	23L25[4]	-	-	Crimped
500–750 MCM	23L26[5]	-	-	Crimped

Protective Caps for All 22 Series Insulators

STYLE	CAT NO.		STYLE	CAT NO.
Male	17P21[7]		Female	17P22[7]

Male Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	23R21[6]	Threaded Stud	90 Degree
250–750 MCM	23R23[4]	Threaded Stud	30 Degree

Female Panel Receptacles

CABLE SIZE	CAT NO.	TERMINATION TYPE	STYLE
250–750 MCM	23R22[7]	Threaded Stud	90 Degree
250–750 MCM	23R24[7]	Threaded Stud	30 Degree

SEE PAGES 25 AND 26 FOR DIMENSIONAL DRAWINGS

23L24-R

23L25-G

23R21-E

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:

1 *White (-W), Blue (-B), Green (-G), Yellow (-Y), Orange (-O), Brown (-H)*

2 *Black (-E), White (-W), Red (-R), Blue (-B), Green (-G)*

3 *Black (-E), White (-W), Red (-R)*

4 *Black (-E), Blue (-B), Green (-G), Yellow (-Y), Orange (-O), Brown (-H)*

5 *Black (-E), White (-W), Red (-R)*

6 *Black (-E), Blue (-B), Green (-G)*

7 *Black (-E), White (-W), Red (-R), Blue (-B), Green (-G), Yellow (-Y), Orange (-O), Brown (-H)*

★ *Contact factory for color availability*

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

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**

Single Pole Cam-Type Connectors

Stage Pin Panel Mount—20 AMP

20A Female Receptacle, Snap-In—page P3
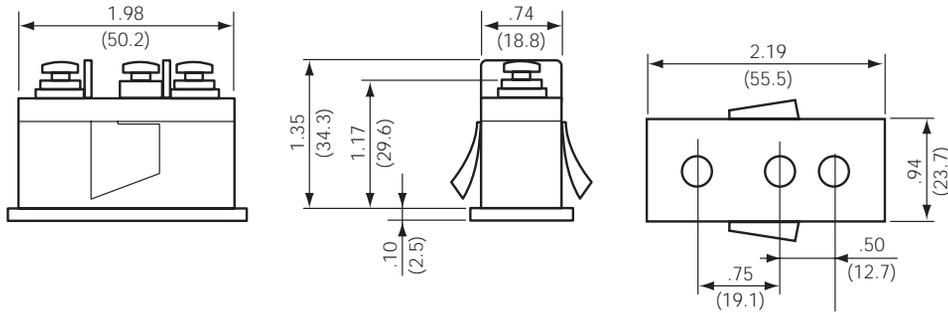
20A Male Inlet, Snap-In—page P3
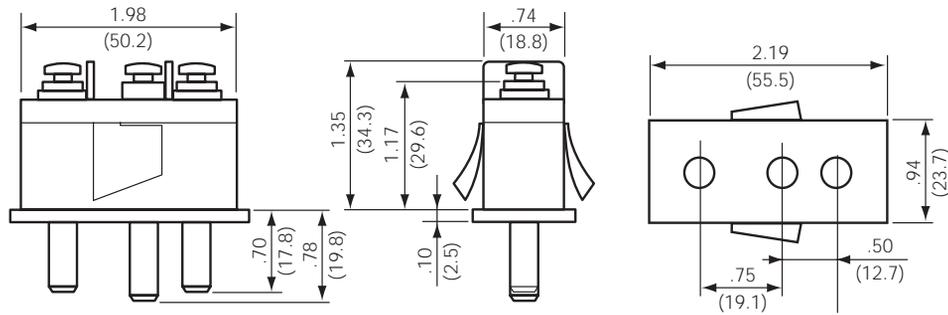
Stage Pin Panel Mount—60 AMP

60A Female Receptacle, Bolt-On—page P3
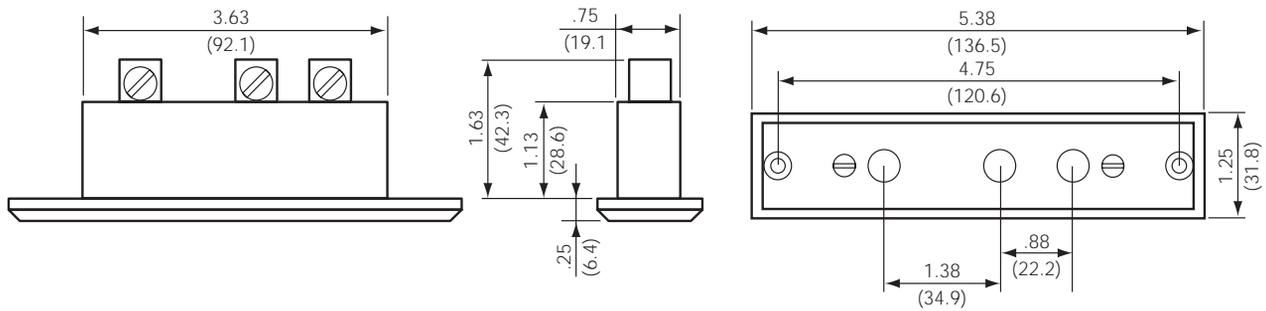
60A Male Inlet, Bolt-On—page P3
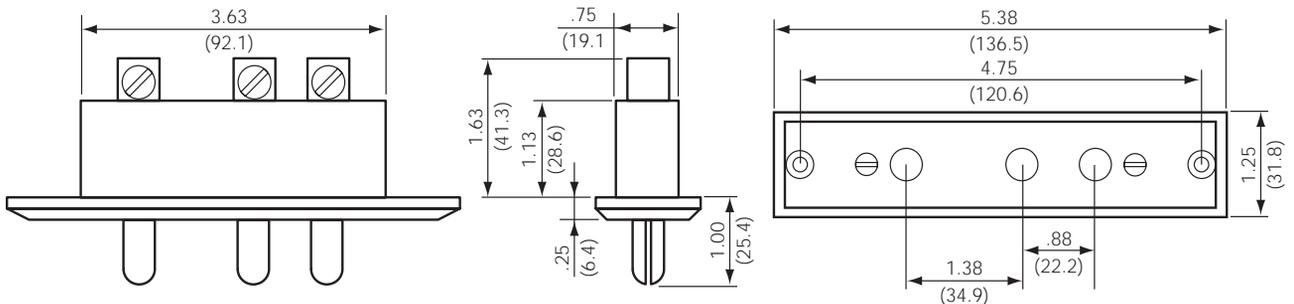
Stage Pin Devices

Commercial Grade Stage Pin Devices

Stage Pin Devices

Stage Pin Panel Mount—60 AMP

60A Female Panel Receptacle, Snap-In—page P3
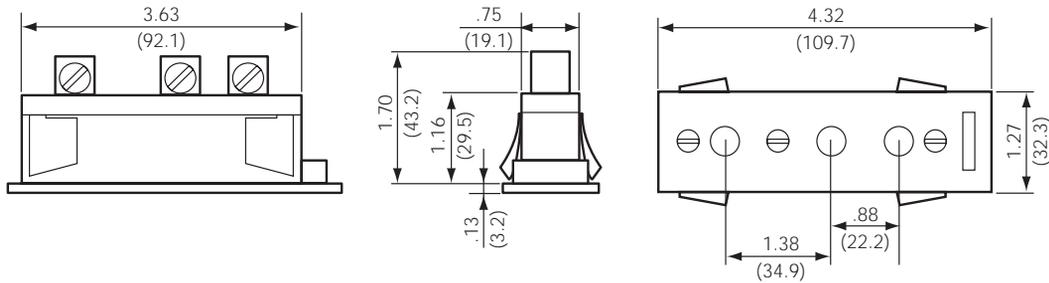
60A Male Panel Receptacle, Snap-In—page P3
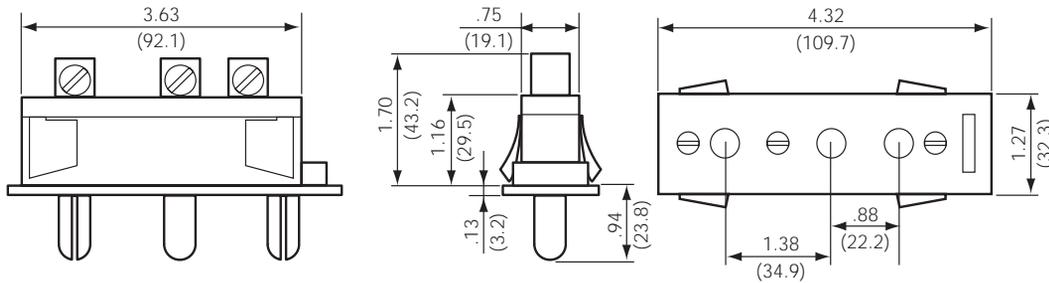
Stage Pin Panel Mount—100 AMP

100A Female Receptacle, Bolt-On—page P3
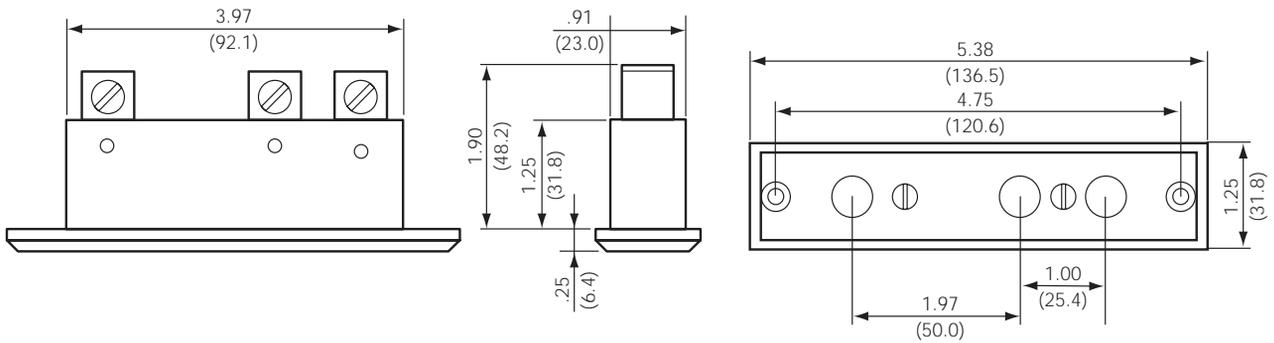
100A Male Inlet, Bolt-On—page P3
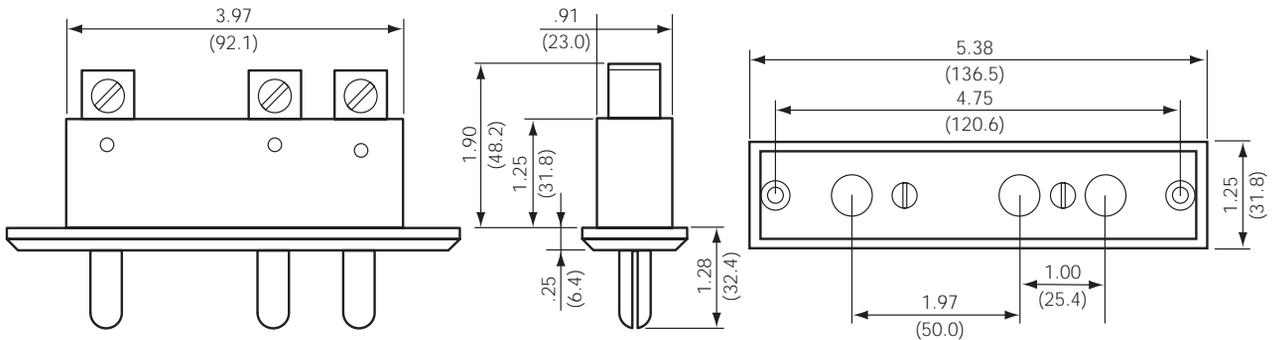
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Commercial Grade Single Pole Cam-Type Connectors

15 Series—Taper Nose
Male and Female Detachable Plugs—page P7

MALE DETACHABLE PLUG

FEMALE DETACHABLE PLUG—

Panel Receptacle Threaded Studs—page P7

MALE PANEL RECEPTACLE TREADED STUD
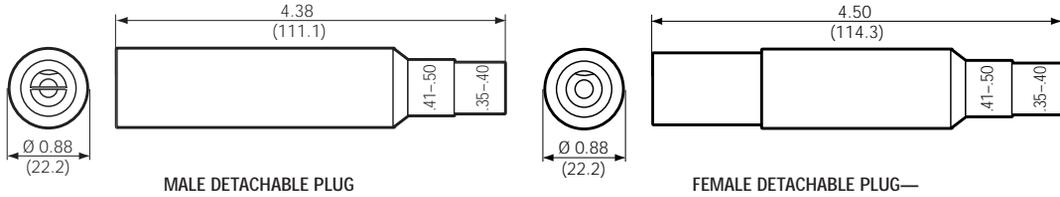
FEMALE PANEL RECEPTACLE TREADED STUD
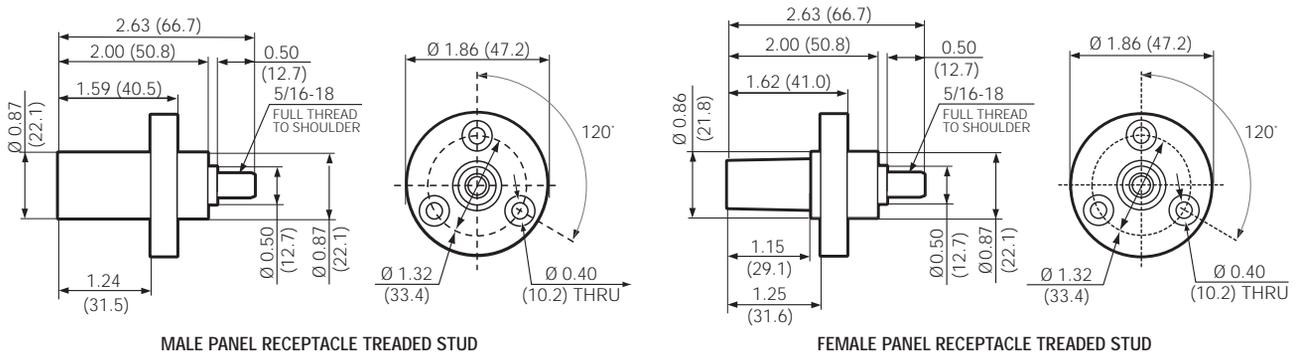
16 Series—Taper Nose
Male and Female Detachable Plugs—pages P8–P10

MALE DETACHABLE PLUG
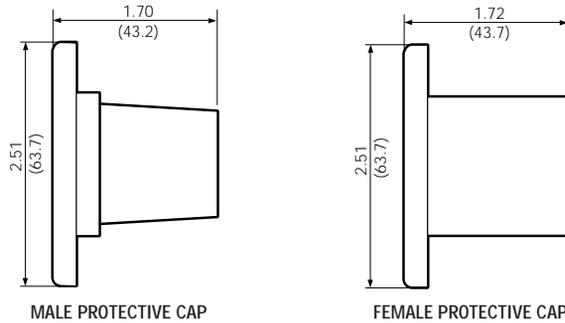
FEMALE DETACHABLE PLUG

Male and Female Protective Caps—page P13

MALE PROTECTIVE CAP

FEMALE PROTECTIVE CAP

Male and Female Vulcanized Plugs—pages P14, P15

MALE VULCANIZED PLUG

FEMALE VULCANIZED PLUG—
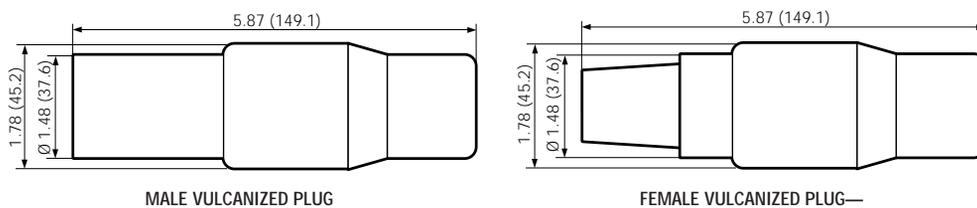
Single Pole Cam-Type Connectors

16 Series—Taper Nose

Double Set Screw and Threaded Panel Receptacle Studs—page P10

2.25 SQ (57.2)
1.50 SQ (38.1)
Ø 0.22 (5.6)
2.16 (54.8)
0.50 (12.7)
0.56 (14.2)
1.78 (45.3)
Ø 1.47 (37.3)
Ø 1.50 (38.1)

MALE DOUBLE SET SCREW PANEL RECEPTACLE

2.25SQ (57.2)
1.50 SQ (38.1)
Ø 0.22 (5.6)
0.50 (12.7)
1.44 (36.5)
2.25 (57.3)
0.56 (14.2)
1.69 (50.8)
Ø 1.48 (37.7 mm)
Ø 1.00 (25.5)
Ø 1.50 (38.1)

FEMALE DOUBLE SET SCREW PANEL RECEPTACLE

1.50 SQ (38.1)
0.75 (19.1)
1.56 SQ THRU (39.7)
0.75 (19.1)
MOUNTING HOLE PATTERN
Ø 0.22 (4 PL.) (5.6)

PANEL CUTOUT DIMENSIONS

2.25 SQ (57.2)
1.50 SQ (38.1)
Ø 0.22 (5.6)
2.16 (54.8)
0.50 (12.7)
0.56 (14.2)
Ø 1.47 (37.3)
Ø 1.50 (38.1)
1/2-13 UNC 2A THREAD

MALE THREADED STUD PANEL RECEPTACLE

2.25 SQ (57.2)
1.50 SQ (38.1)
Ø 0.22 (5.6)
2.25 (57.3)
0.50 (12.7)
1.44 (36.5)
0.75 (19.1)
0.56 (14.2)
Ø 1.48 (37.7)
Ø 1.00 (25.4)
Ø 1.50 (38.1 mm)
1/2-13 UNC 2A THREAD

FEMALE THREADED STUD PANEL RECEPTACLE

Multi-Way Connectors—page P10

4.50 (114.3)
1.73 (44.0)
Ø 1.48 (37.6)

MULTI-WAY CONNECTOR—FEMALE TO FEMALE

4.54 (117.7)
Ø 1.48 (37.6)

MULTI-WAY CONNECTOR—MALE TO MALE

18 Series—Ball Nose

Male and Female Detachable Plugs—pages P11, P12

6.16 (156.5)
1.84 (46.8)
Ø 1.72 (43.7)

MALE DETACHABLE PLUG

6.77 (172.0)
1.84 (46.8)
Ø 1.72 (43.7)

FEMALE DETACHABLE PLUG—

Male and Female Vulcanized Plugs—pages P11, P12

5.42 (137.7)
Ø 1.47 (37.3)

MALE VULCANIZED PLUG

5.22 (132.6)
Ø 1.47 (37.3)

FEMALE VULCANIZED PLUG

Single Pole Cam-Type Connectors

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Commercial Grade Single Pole Cam-Type Connectors

18 Series—Ball Nose

Male and Female Protective Caps—page P12

1.36 (34.4)
2.51 (63.7)

1.10 (27.8)
2.51 (63.7)

MALE PROTECTIVE CAP

FEMALE PROTECTIVE CAP

Double Set Screw and Threaded Panel Receptacle Studs—page P13
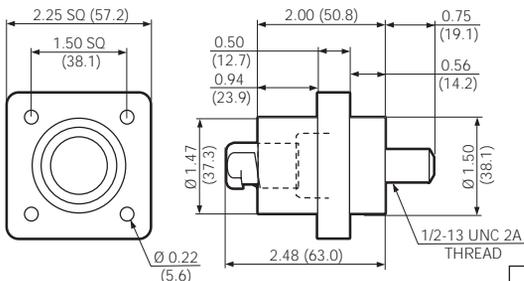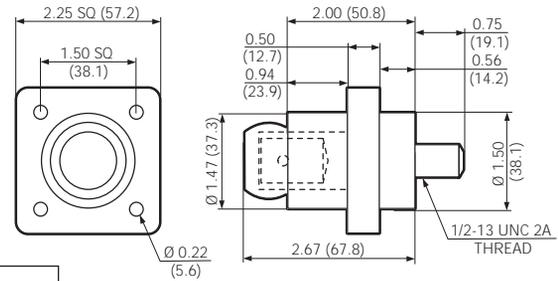
2.25 SQ (57.2)
1.50 SQ (38.1)
Ø 0.22 (5.6)

2.00 (50.8)
0.50 (12.7)
0.94 (23.9)
0.75 (19.1)
0.56 (14.2)
Ø 1.47 (37.3)
Ø 1.50 (38.1)
2.48 (63.0)
1/2-13 UNC 2A THREAD

MALE THREADED STUD PANEL RECEPTACLE

2.25 SQ (57.2)
1.50 SQ (38.1)
Ø 0.22 (5.6)

2.00 (50.8)
0.50 (12.7)
0.94 (23.9)
0.75 (19.1)
0.56 (14.2)
Ø 1.47 (37.3)
Ø 1.50 (38.1)
2.67 (67.8)
1/2-13 UNC 2A THREAD

FEMALE THREADED STUD PANEL RECEPTACLE

1.50 SQ (38.1)
0.75 (19.1)
1.56 SQ THRU (39.7)
MOUNTING HOLE PATTERN
0.75 (19.1)
Ø 0.22 (4 PL.) (5.6)

PANEL CUTOUT DIMENSIONS

2.25 SQ (57.2)
1.50 SQ (38.1)
Ø 0.22 (5.6)

2.00 (50.8)
0.50 (12.7)
0.94 (23.9)
1.78 (45.3)
0.56 (14.2)
Ø 1.47 (37.3)
Ø 1.50 (38.1)
2.48 (63.0)

MALE DOUBLE SET SCREW PANEL RECEPTACLE

2.25 SQ (57.2)
1.50 SQ (38.1)
Ø 0.22 (5.6)

2.00 (50.8)
0.50 (12.7)
0.94 (23.9)
1.78 (45.3)
0.56 (14.2)
Ø 1.47 (37.3)
Ø 1.50 (38.1)
2.67 (67.8)

FEMALE DOUBLE SET SCREW PANEL RECEPTACLE

Multi-Way Connectors—page P13

4.44 (112.8)
3.19 (81.0)
Ø 1.50 (38.1)

4.03 (102.4)
3.20 (81.2)
Ø 1.50 (38.1)
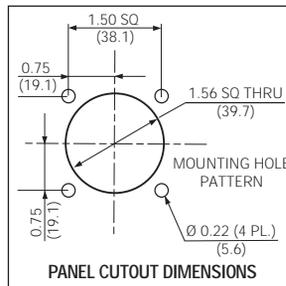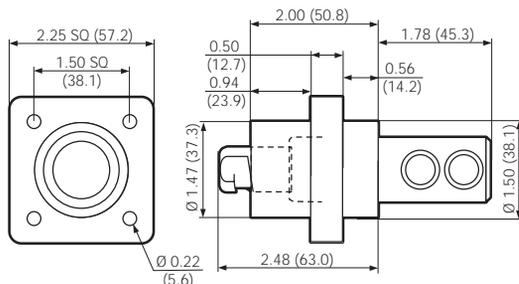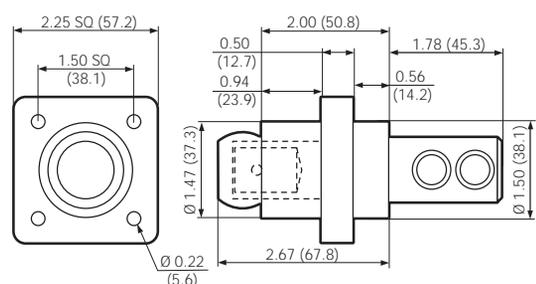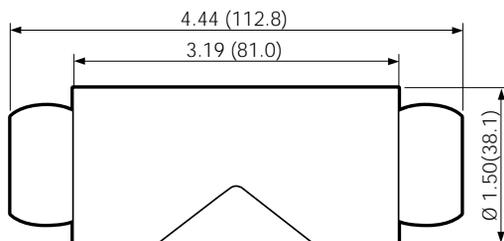
MULTI-WAY CONNECTOR—FEMALE TO FEMALE
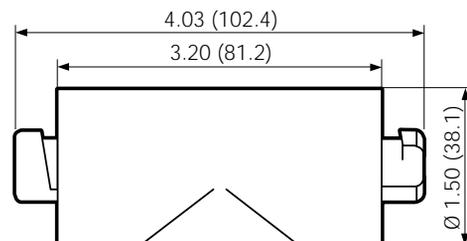
MULTI-WAY CONNECTOR—MALE TO MALE
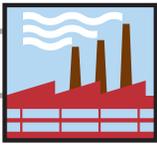
Single Pole Cam-Type Connectors

Industrial Grade Single Pole Cam-Type Connectors

17 Series—Taper Nose

Male and Female Vulcanized Plugs—pages P14

8.75 (222.3)
2.39 (60.7)
Ø 2.23 (56.7)

MALE VULCANIZED PLUG—CRIMPED

8.08 (205.3)
2.31 (58.6)
Ø 1.94 (49.2)
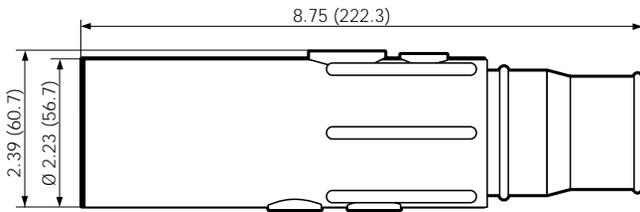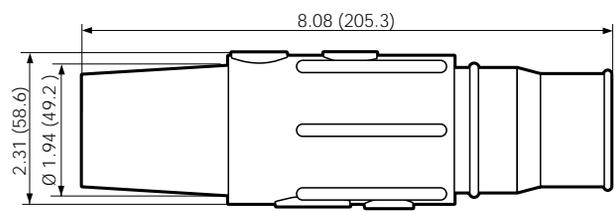
FEMALE VULCANIZED PLUG—CRIMPED

Panel Receptacle Threaded Studs—page P14

Ø 4.48 (113.9)
5.57 (141.4)
2.39 (60.7)
0.63 (15.9)
1.00 (25.4)
Ø 2.31 (58.7)
1/2-13 UNC THREADED STUD

BOLT CIRCLE
Ø 3.50 (88.9)
Ø 2.47 (62.7)
Ø 0.28 (4 PL.) (7.1)
2.47 SQ (62.7)
MOUNTING HOLE PATTERN

MALE PANEL RECEPTACLE THREADED STUD—90°

4.43 (112.4)
2.84 (72.2)
5.40 (137.2)
5.04 (128.0)
2.21 (56.1)
Ø 2.30 (58.4)
1/2-13 UNC THREADED STUD
1.00 (25.4)
0.50 (12.7)

0.23 (5.8)
2.50 (63.5)
Ø 0.31 (7.9)
2.47 (62.7)
MOUNTING HOLE PATTERN
Ø 3.50 (88.9)
Ø 2.75 (69.9)
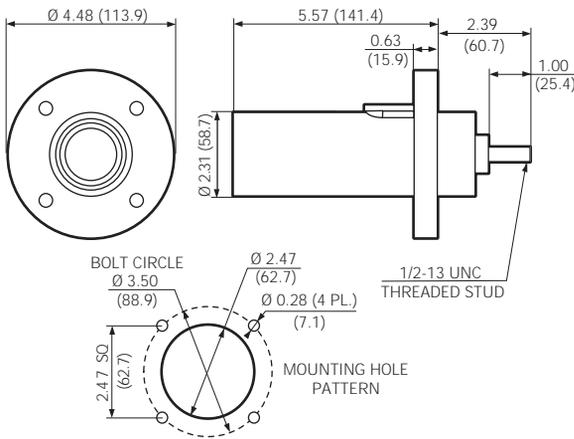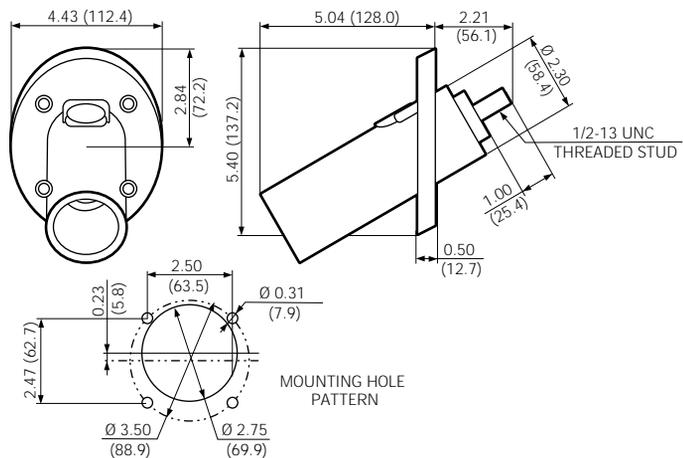
MALE PANEL RECEPTACLE THREADED STUD—30°

19 Series—Ball Nose

Male and Female Detachable Plugs—page P15

7.81 (198.5)
Ø 2.26 (57.4)
2.53 (64.1)

MALE DETACHABLE PLUG—DOUBLE SET SCREW

9.38 (238.1)
3.00 (76.2)
2.51 (63.6)
Ø 1.50 (38.1)
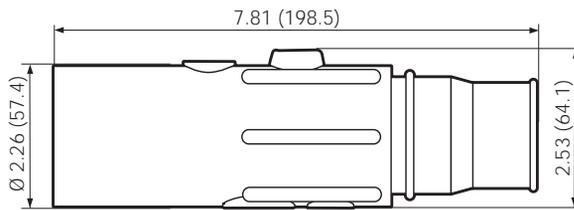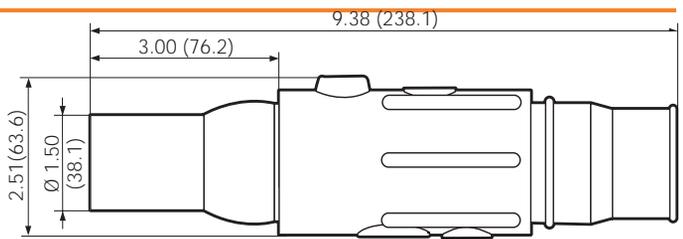
FEMALE DETACHABLE PLUG—DOUBLE SET SCREW

19 Series—Ball Nose

Male and Female Vulcanized Plugs—pages P15

7.81 (198.5)
2.35 (59.6)
Ø 2.26 (57.4)

MALE VULCANIZED PLUG—CRIMPED

9.38 (238.1)
3.00 (76.2)
2.33 (59.1)
Ø 1.50 (38.1)
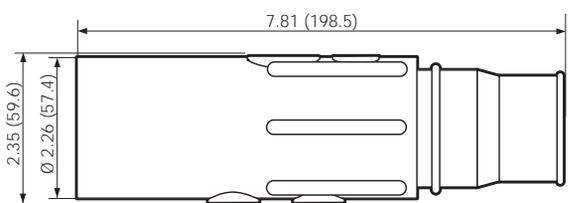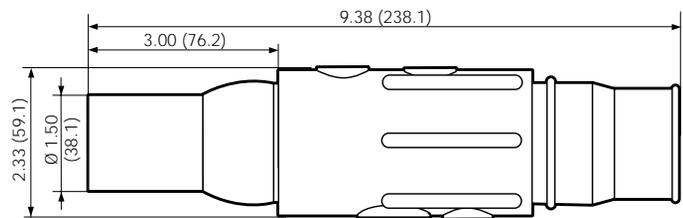
FEMALE VULCANIZED PLUG—CRIMPED
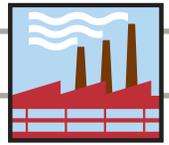
Industrial Grade Single Pole Cam-Type Connectors

19 Series—Ball Nose
Panel Receptacle Threaded Studs—page P15

4.43 (112.4) 4.02 (102.1) 2.21 (56.1) Ø 2.30 (58.4) 1/2-13 UNC THREADED STUD 2.57 (65.2) 5.40 (137.2) 1.00 (25.4)

2.50 (63.5) 0.23 (5.8) Ø 0.31 (7.9) 2.47 (62.7) 0.50 (12.7) MOUNTING HOLE PATTERN Ø 3.50 (88.9) Ø 2.75 (69.9)

MALE PANEL RECEPTACLE THREADED STUD—30°

4.43 (112.4) 4.78 (121.5) 2.21 (56.1) Ø 2.30 (58.4) 1/2-13 UNC THREADED STUD 2.84 (72.2) 5.40 (137.2) 1.00 (25.4)

2.50 (63.5) 0.23 (5.8) Ø 0.31 (7.9) 2.47 (62.7) 0.50 (12.7) MOUNTING HOLE PATTERN Ø 3.50 (88.9) Ø 2.75 (69.9)

FEMALE PANEL RECEPTACLE THREADED STUD—30°

22 Series—Latching Ball Nose
Male and Female Ball Nose Latching Connectors—page P16

7.81 (198.5) 2.45 (62.3) Ø 2.26 (57.4)

BALL NOSE IN-LINE LATCHING MALE CONNECTORS—CRIMPED

9.38 (238.3) 3.00 (76.2) 2.45 (62.3) Ø 1.50 (38.1)

BALL NOSE IN-LINE LATCHING FEMALE CONNECTORS—CRIMPED

1.20 1.30 Ø 2.26 (57.4) 7.66 (194.5)

BALL NOSE IN-LINE LATCHING MALE DETACHABLE CONNECTORS

1.20 1.30 Ø 1.50 (38.1) Ø 2.26 (57.4) 8.32 (211.4)

BALL NOSE IN-LINE FEMALE DETACHABLE CONNECTORS

Ø 4.50 (114.3) 5.44 (138.1) 2.17 (55.1) 0.50 (12.7) BOLT HOLES 1/2-13 UNC STUD 4.50 (114.3) 75°

0.18 (4.6) 2.47 (62.7) Ø 0.28 (7.1) Ø 2.70 (68.6) 2.47 (62.7) THRU HOLE BOLT HOLES Ø 3.50 (88.9) MOUNTING HOLE PATTERN

FEMALE 15° PANEL RECEPTACLE

FACE OF MOUNTING PANEL 4.50 (116.4) Ø 4.50 (114.3) 5.44 (138.1) 0.50 (12.7) BOLT HOLES 4.50 (114.3) 75°

0.18 (4.6) 2.47 (62.7) Ø 0.28 (7.1) Ø 2.70 (68.6) 2.47 (62.7) THRU HOLE BOLT HOLES Ø 3.50 (88.9) MOUNTING HOLE PATTERN

FEMALE 15° PANEL RECEPTACLE WITH MICROSWITCH

Single Pole Cam-Type Connectors

23 Series—Latching Taper Nose

Male and Female Taper Nose Latching Connectors—pages P17
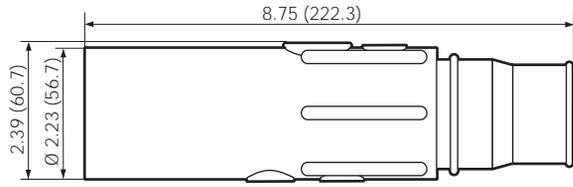
8.75 (222.3)

2.39 (60.7)
Ø 2.23 (56.7)

TAPER NOSE IN-LINE LATCHING MALE CONNECTORS—CRIMPED

8.08 (205.3)

2.49 (63.1)
Ø 1.94 (49.2)
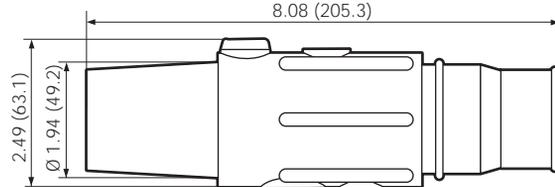
TAPER NOSE IN-LINE LATCHING FEMALE CONNECTORS—CRIMPED

23 Series—Latching Taper Nose

Panel Receptacle Threaded Studs—page P17

Ø 4.48 (113.9)

5.57 (141.4)   2.39 (60.7)
0.63 (15.9)
1.00 (25.4)
Ø 2.31 (58.7)

1/2-13 UNC THREADED STUD

BOLT CIRCLE Ø 3.50 (88.9)
Ø 2.47 (62.7)
Ø .28 (4 PL.) (7.1)
2.47 SQ (62.7)
MOUNTING HOLE PATTERN

90° MALE PANEL RECEPTACLE THREADED STUD

Ø 4.48 (113.9)

3.22 (81.8)   2.52 (64.0)
0.63 (15.9)
1.13 (28.7)
Ø 2.23 (56.6)

1/2-13 UNC THREADED STUD

BOLT CIRCLE Ø 3.50 (88.9)
Ø 2.47 (62.7)
Ø 0.28 (4 PL.) (7.1)
2.47 SQ (62.7)
MOUNTING HOLE PATTERN
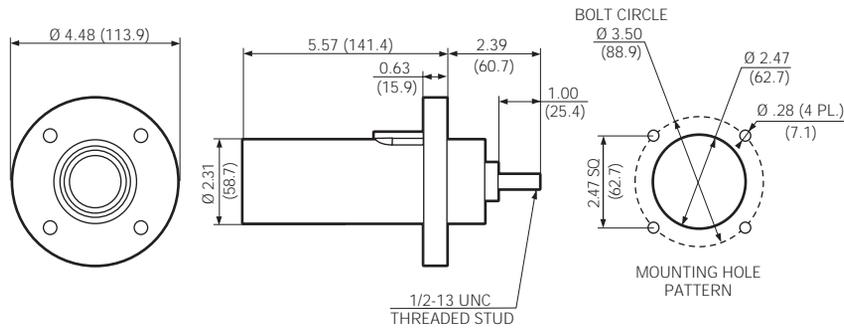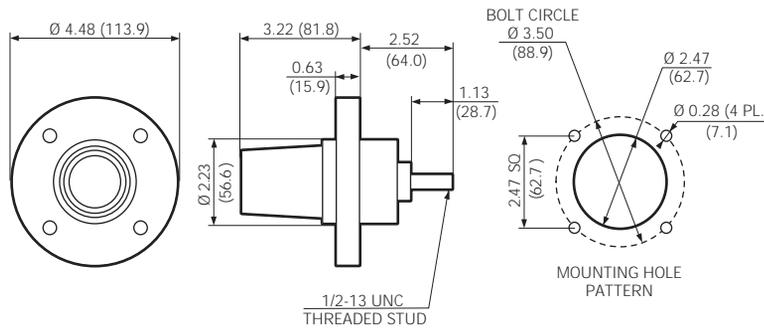
90° FEMALE PANEL RECEPTACLE THREADED STUD

Male and Female Protective Caps—page P17

3.79 (96.3)
1.27 (32.1)
2.27 (57.7)

MALE PROTECTIVE CAP

3.98 (101.0)
2.27 (57.7)
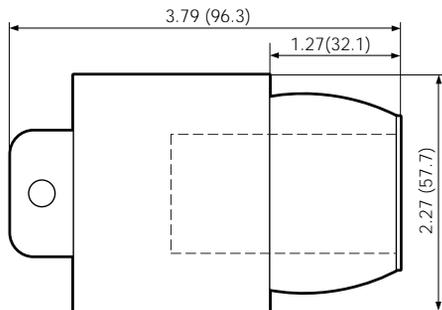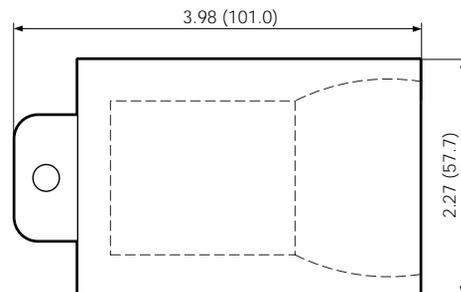
FEMALE PROTECTIVE CAP

Wire Mesh Safety Grips

INDEX
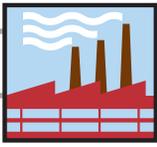
LEVITON®

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	E-173944
	16G5	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.
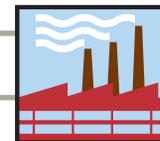
Technical Reference

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[1]
Fitting	94V[2]

[1]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).

[2]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	Junior Duty	Galvanized steel wire
	Light Duty	Galvanized steel wire
	Medium Duty	Galvanized steel wire
	Heavy Duty	Galvanized steel wire
	Heavy Duty swivel	Galvanized steel wire
	MS Multi-Weave, Rotating Eye	Galvanized steel wire
	MS Multi-Weave, Flexible Eye	Galvanized steel wire
	High Strength	Galvanized steel wire
	Slack, Offset Eye	Galvanized steel wire
	Slack, Offset Eye	Galvanized steel wire
	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[1]
	Support Split with Lace	Tinned bronze or stainless steel[1]
	Support Split with Rod	Tinned bronze or stainless steel[1]
	Support Closed, Heavy Duty, Long	Tinned bronze or stainless steel[1]
	Support Split Lace, Heavy Duty, Long	Tinned bronze or stainless steel[1]
	Bus Drop Grips	Galvanized steel wire
	Safety Springs	Spring steel

[1]Stainless steel available on request. Contact your Leviton Representative.
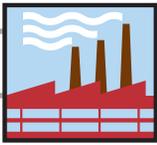
Wire Mesh Safety Grips

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).
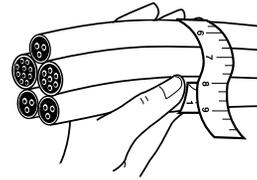
Grip size is based on the outside diameter or circumference of the cable(s). Use Selection Table 1 to determine the Grip Diameter Range for one or more cables of equal diameter. Use Selection Table 2 to determine the Grip Diameter Range for cables of different diameters bundled together. (Note: In this 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	3 31/64–5/8	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	31/32–1 5/32	0.86–1.03	55/64–1 1/32	0.77–0.93	49/6–15/16	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 Grips
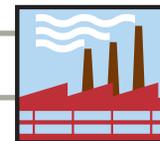
Selecting Proper Sized Pulling and Support Grips

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).
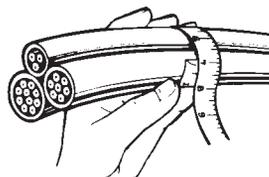
Grip Selection Table for Cables of Different Diameters
Grip Circumference Range refers to the circumference of all cables held together.
1) 1. Determine Grip Circumference Range by measuring circumference of bundle of cables to be held (as shown in illustration).
2) Read down to locate correct range.
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
$2^5/_{32}$–$1^{11}/_{64}$	0.78–1.17	.250–.375
$1^{11}/_{64}$–$1^{37}/_{64}$	1.17–1.57	.375–0.50
$1^{37}/_{64}$–$1^{15}/_{16}$	1.57–1.94	0.50–.625
$1^{15}/_{16}$–$2^3/_8$	1.94–2.37	0.62–0.75
$2^3/_8$–$3^5/_{32}$	2.37–3.15	0.75–1.00
$3^5/_{32}$–$3^{15}/_{16}$	3.15–3.94	1.00–1.25
$3^{15}/_{16}$–$4^{23}/_{32}$	3.94–4.72	1.25–1.50
$4^{23}/_{32}$–$5^{33}/_{64}$	4.72–5.51	1.50–1.75
$5^{33}/_{64}$–$6^{19}/_{64}$	5.51–6.29	1.75–2.00
$6^{19}/_{64}$–$7^{55}/_{64}$	6.29–7.86	2.00–2.50
$7^{55}/_{64}$–$9^7/_{16}$	7.86–9.43	2.50–3.00
$9^7/_{16}$–$11^1/_{64}$	9.43–11.01	3.00–3.50
$11^1/_{64}$–$12^{37}/_{64}$	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.

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.

AWG OR MCM	APPROX. DIA. (INCHES) THHN	THW	AWG OR MCM	APPROX. DIA. (INCHES) 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 Grips

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 ÷ 5 = 6,600 lbs. which is the workload factor.

Example: For support grips—10,080 ÷ 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
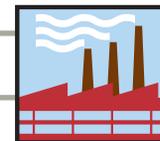
Wire Mesh Safety Grips

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 that come in a vinyl mat with pockets that can be rolled and tied.

Pulling Grip Eye Options

DESCRIPTION	PAGE NO.	ATTACHMENT INFORMATION
Bale Eye—Medium Duty, Single/Double Weave	Q9	
Bale Eye—Medium and Heavy Duty, Single/Double Weave	Q10	**Bale Eye** Attachment flexes to follow line of pull with plastic tubing on bale.
Flexible Eye—Junior Duty, Single Weave	Q8	
Flexible Eye—Light Duty, Single Weave	Q8	
Flexible Eye—for Fiber Optic, Multi-Weave	Q9	**Flexible Rope Eye** Bale has no plastic tubing for better flexibility.
Flexible Eye—High Duty, Multi-Weave	Q13	
Slack Grips, Closed Mesh, Double Weave	Q14	
Slack Grips, Split Lace Mesh, Double Weave	Q14	**Offset Flexible Eye** For easy attachment of the pulling line.
Slack Grips, Split Rod Mesh, Single Weave	Q14	
Rotating Eye—Heavy Duty, Double Weave	Q11	
Rotating Eye—Heavy Duty, Multi-Weave	Q12	**Rotating Eye** For use in changing wire rope in large cranes and derricks.

Note: To determine workload safety factor, divide approximate break strength by 5.
See page Q6 for strength information
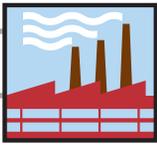
Industrial Grade Wire Mesh Safety Grips

L8503
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.

Pulling Grips ⓢ

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

L8511
Light Duty Grips are the most economical pulling grips for many applications, such as industrial plant wiring, rewiring, and underground electrical pulls.

Pulling Grips ⓢ

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.*
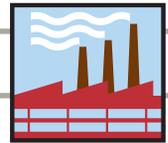
Pulling Grips ®

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 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)		NOSE DIA.
			BALE (DIM. A)	MESH (DIM. M)	
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

To determine workload safety factor, divide approximate break strength by 5. See page Q6 for strength information.
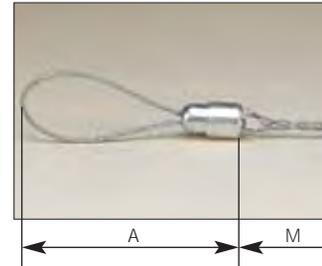
L8801
Fiber Optic Grips are made to pull delicate communication and data lines that have a much smaller cable diameter.

Wire Mesh Safety Grips

Industrial Grade Wire Mesh Safety Grips

L8552
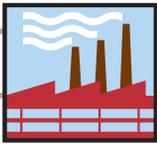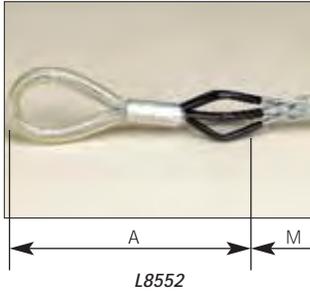
Pulling Grips ⓢ

This 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.
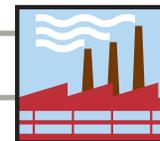
Wire Mesh Safety Grips

Pulling Grips Ⓢ

These 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.
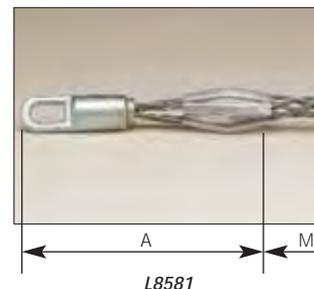
L8581

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.
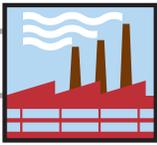
Wire Mesh Safety Grips

## Industrial Grade Wire Mesh Safety Grips
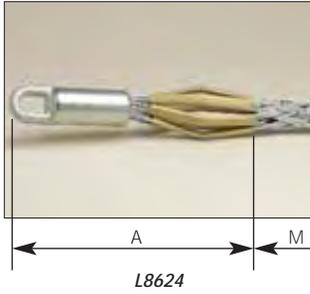
L8624

Pulling Grips—Multi-Weave Grips ℠®

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) BALE (DIM. A)	MESH (DIM. M)	COLOR CODE	EYE SIZE (INCHES)
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
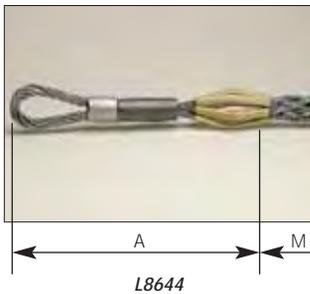
L8644

Multi-Weave, Flexible Eye

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	MESH (DIM. M)	COLOR CODE	EYE SIZE (INCHES)
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.*
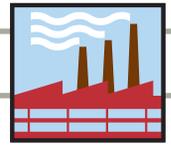
Pulling Grips—High Strength Grips ℠®

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[1] 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[1]	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

[1]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.

L8663
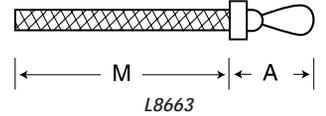
Recommended Rope Assembly Using High Strength Feed Tube

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.
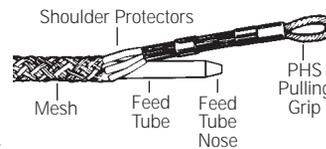
Split-Lace/Split-Rod Attachments (for use where end of cable is not accessible—applies to slack grips only)

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
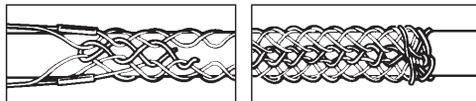
Split-Rod
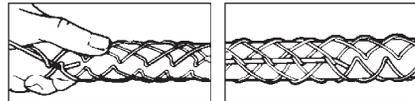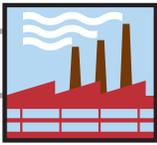
Wire Mesh Safety Grips

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.

Pulling Grips—Slack Grips 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

L8671

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

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

L8703

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

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

L8711

To determine workload safety factor, divide approximate break strength by 5. See page Q6 for strength information.
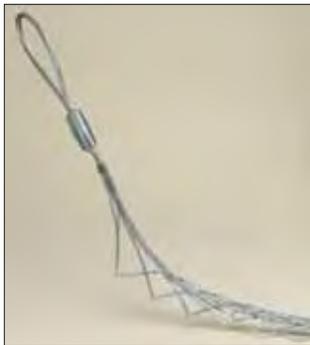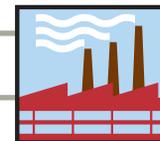
STRAIN-RELIEF GRIPS

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 ⓊL* ⓈP.*

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 ⓊL* ⓈP.*

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 STRAIGHT	90°	NON-METALLIC MESH STRAIGHT	90°	CABLE DIA. RANGE (INCHES)	NPT (FORM SIZE)
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[1]	L7544[1]	——	——	.500–.562	
L7545[1]	L7546[1]	——	——	.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[1]	L7566[1]	——	——	.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	

[1]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.

L7521
Straight—SS mesh

L7527
90°—SS mesh

L7553
Straight—nylon mesh
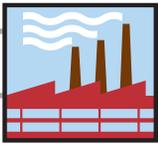
Industrial Grade Wire Mesh Safety Grips

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

Irregular shape or rib deformation on this corner permissible

.562 Dia. Rev.
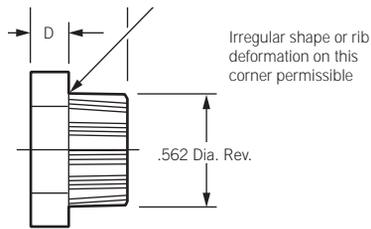
Forms 1–5
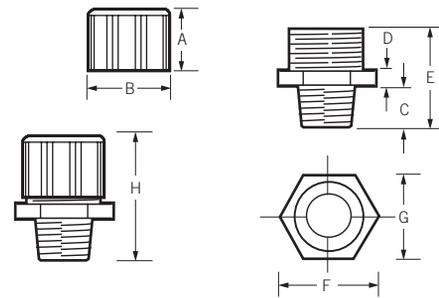
Dimensions for Nylon Cord-Sealing Fittings, 90° Body

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
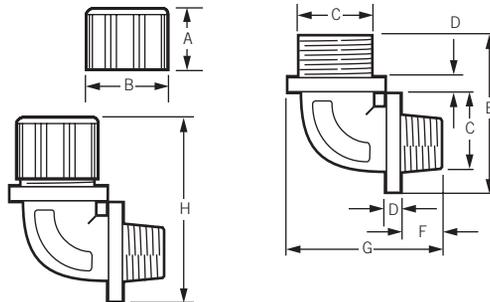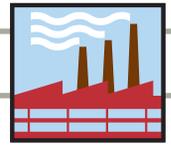
Deluxe Cord Grips ⓊⓁ ⓈⓅ

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.

L7701
Straight—Male

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	——	——	——	1.75–1.875	
L7742	——	——	——	1.937–2.062	2-1/2"
L7743	——	——	——	2.062–2.187	
L7744	——	——	——	2.187–2.312	
L7745	——	——	——	1.688–1.812	3"
L7746	——	——	——	1.812–1.937	
L7747	——	——	——	1.937–2.062	
L7748	——	——	——	2.062–2.187	
L7751	——	——	——	2.312–2.437	
L7752	——	——	——	2.437–2.625	
L7754	——	——	——	2.812–3.000	
L7755	——	——	——	3.000–3.250	

L7761
90°—Male

L7802
45°—Male

L7822
Straight—Female

Wire Mesh Safety Grips
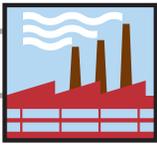
Industrial Grade Wire Mesh Safety Grips

L7902
Straight—Male

L7922
90°—Male

L7951
Straight—Female

L7990
90°—Male

L7965
Straight—Male

L8003

Wire Mesh Safety Grips
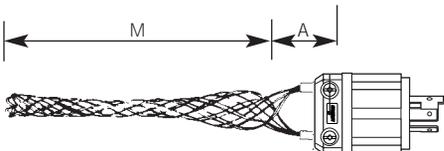
Liquid-Tight Grips ⓊL Ⓒ

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	$3/8$	$2 5/8$
L7902	L7916	L7932	——	$1/2$	$3 7/8$
L7903	L7917	——	L7953	$3/4$	$4 3/8$
L7904	L7918	——	L7954	1	$5 1/4$
L7905	L7919	——	——	$1 1/4$	$5 5/8$
L7906	L7921	——	——	$1 1/2$	$5 3/4$
L7907	L7922	——	——	2	$7 1/2$
L7908	——	——	——	$2 1/2$	$9 5/8$
L7911	L7924	L7939	——	3	$10 5/8$
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	$1 15/16$	$10 1/2$
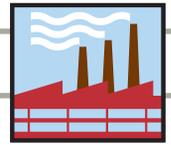
SUPPORT GRIPS

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.
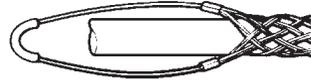
DOUBLE "U" EYE

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.
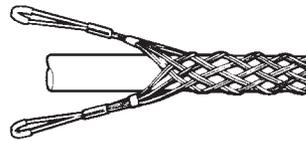
OFFSET EYE

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.
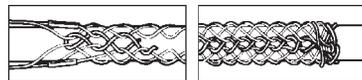
SPLIT ROD

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.
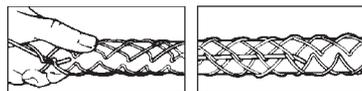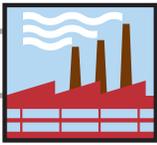
Wire Mesh Safety Grips

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.

*L9502
Single Eye*

Single Eye, Closed Mesh, Single Weave
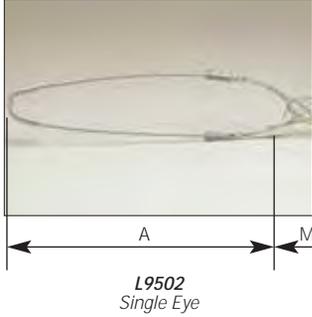
CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	MESH (DIM. M)
L9501	0.50–0.61	770	7	10
L9502	0.62–0.74	960	8	10
L9503	0.75–0.99	1,300	8	12
L9504	1.00–1.24	1,680	9	12
L9505	1.25–1.49	1,680	10	16
L9506	1.50–1.74	1,680	12	17
L9507	1.75–1.99	2,640	14	18
L9508	2.00–2.49	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

*L9515
Double Eye*

Double Eye, Closed Mesh, Single Weave
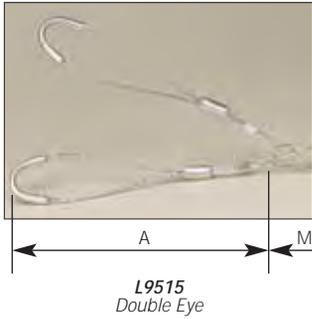
CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	MESH (DIM. M)
L9515	0.50–0.61	770	4	11
L9516	0.62–0.74	1,150	4	11
L9517	0.75–0.99	1,320	4	14
L9518	1.00–1.24	1,920	5	15
L9519	1.25–1.49	1,920	5	16
L9521	1.50–1.74	1,920	6	18
L9523	1.75–1.99	3,360	6	20
L9524	2.00–2.49	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

*L9531
Offset Eye*

Offset Eye, Closed Mesh, Single Weave
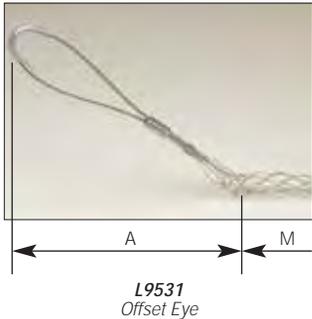
CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	MESH (DIM. M)
L9531	0.50–0.61	770	4	11
L9532	0.62–0.74	960	4	11
L9533	0.75–0.99	960	4	14
L9534	1.00–1.24	1,680	5	15
L9535	1.25–1.49	1,680	5	16
L9536	1.50–1.74	1,680	5	18
L9537	1.75–1.99	2,640	6	20
L9538	2.00–2.49	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.

L9551
Locking Bale
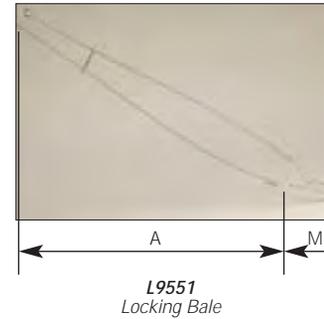
Support Grips—Heavy Duty ℗

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
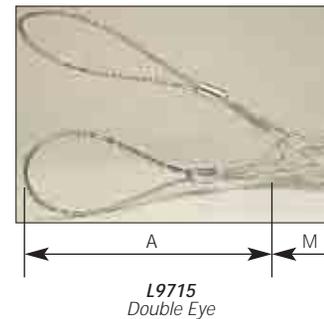
L9715
Double Eye

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 Safety Grips
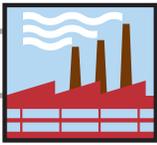
Industrial Grade Wire Mesh Safety Grips

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.
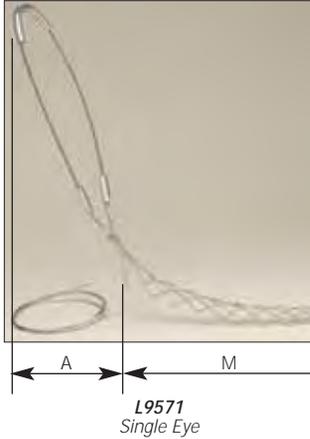
L9571
Single Eye

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
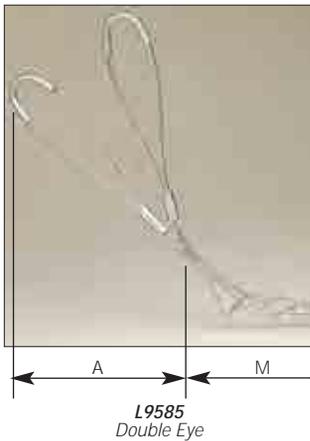
L9585
Double Eye

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
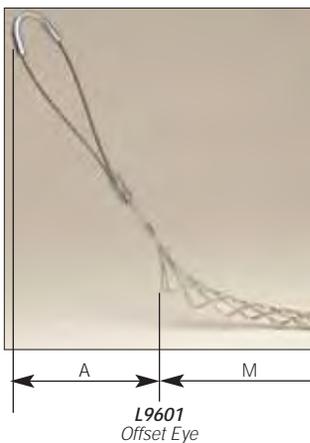
L9601
Offset Eye

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.
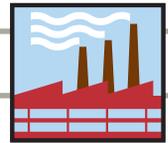
Support Grips—Standard Split Lace

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

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 41/2".

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
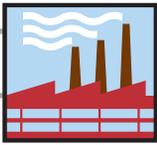
Wire Mesh Safety Grips

Industrial Grade Wire Mesh Safety Grips

L9632
Single Eye

L9651
Double Eye

L9671
Offset Eye
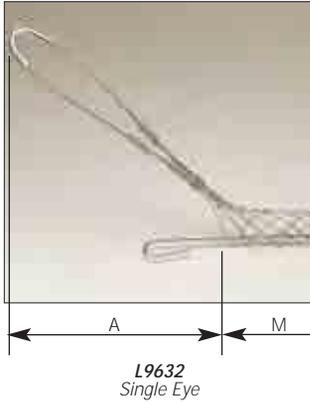
Support Grips—Standard Split Rod ℠®

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
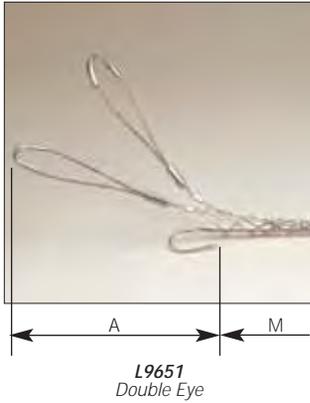
Double Eye, Split Rod, Single Weave

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
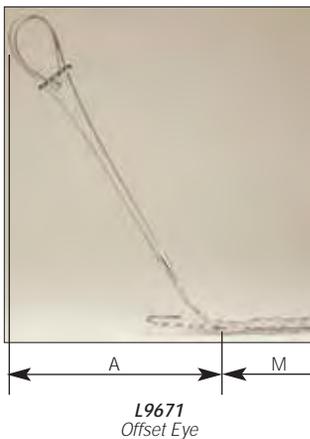
Offset Eye, Split Rod, Single Weave

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.

Wire Mesh Safety Grips
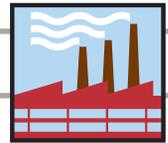
Support Grips—Standard Split Rod ⓈⓅ

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

L9689
Locking Bale

To determine workload safety factor, divide approximate break strength by 10. See page Q6 for strength information.

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. SINGLE "U" EYE	LOCKING BALE	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*
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
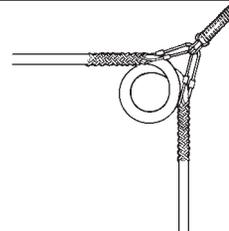
L7998
Safety Spring

Support Hook

DESCRIPTION	CAT. NO.
3/8" Right Hand Wood Screw, Zinc Plated 4 1/2" Long	L7980
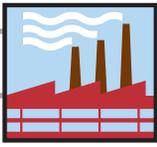
Wire Mesh Safety Grips

Industrial Grade Wire Mesh Safety Grips

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.
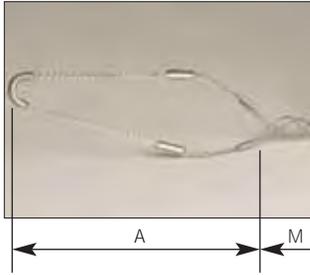
L8807
Single Eye—closed mesh

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
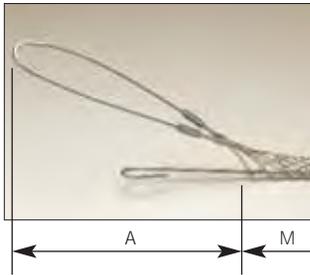
L8821
Single Eye—split rod

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
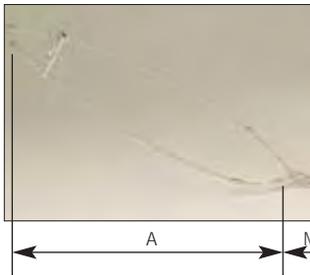
L8823
Locking Bale

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 Protection, Power Distribution and Uninterruptible Power Supply Devices

INDEX

Surge Protection Devices

LEVITON®

Industrial Grade Surge Protection Devices

Surge Protection 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 Protection 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 Protection Devices are listed to UL 1449 Second Edition Standards.

Leviton's outstanding Surge Protection 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

PDUs
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

UPSs
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.
42120-D43 shown

LEVITON ® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

Industrial Grade Surge Protection Devices
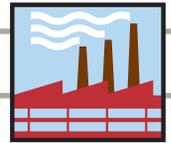
Four-Outlet Plug-In Surge Protection Devices — 15 AMP 120V 50, 60 Hz AC

5100 Series ⓊⓁ ⒸⓈⒶ

DESCRIPTION	CAT. NO.	COLOR	APPLICATION
15A Four-Outlet Heavy-Duty DPI	**5100-P**	Beige	PC's and peripherals, electronic cash registers, digital sound systems, video equipment and microwave ovens

Clamping Performance

SPECIFICATION	5100
Max. single-pulse transient current (8x20µs, Amps peak)	26kA
Rated single-pulse transient energy (10x1000µs, Joules)	320 Joules
EMI/RFI noise rejection @ 50 Ohms 5kHz-100MHz	10-20dB
Cat. A ringwave (6kV, 200A,100kHz)	370V
Cat. B ringwave (6kV, 500A,100kHz)	420V
Cat B impulse (6kV, 3kA, 8x20µs)	490
UL 1449 ratings (8x20µs @ 500A) (L-N/L-G, N-G)	330/500/400V
Maximum continuous operating voltage	135V

5.85 (148.5)

1.50 (38.1)   3.50 (88.9)

5100-P

- 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

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
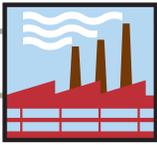
Surge Protection Devices

Industrial Grade Surge Protection Devices

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 w/15 ft. Power Cord	**5300-S15**	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	**5300-PSC**	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, w/15 ft. Power Cord	**5200-S15**	15A-120V AC	For microprocessor-based equipment
General-Duty 6-Outlet Plug Strip	**5100-PS**	15A-120V AC	Compatible with Decora Home Control
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	**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 (8x20µs, Amps peak)	26kA	39kA	52kA
Rated single-pulse transient energy (10x1000µs, 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, 8x20µs)	490	370	310
UL 1449 ratings (8x20µs @ 3kA) (L-N/L-G, N-G)	400/400/400	330/400/330	330/330/330 400/400/400 for 5300-HTS only

5300-HTS

5300-PSC

5100-0PS

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

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

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
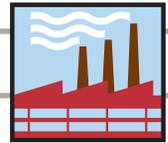
Wired-In Surge Protection Modules NOM c(UL)us LISTED

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	**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

SPECIFICATIONS AND FEATURES

Wired-In Surge Protection 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, Edition 2.5
- 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
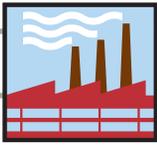
Industrial Grade Surge Protection Devices

74000 Series Panel Mount Devices ⓊⓁ ⓒⓈⓅ® NOM

DESCRIPTION	CAT. NO.	RATING	MODULE NO.
7-Mode, 3Ø WYE, 4-Wire + Ground	**74120-7M3**	120/208V AC	(7) HC120-M40
7-Mode, 3Ø WYE, 4-Wire + Ground	**74277-7M3**	277/480V AC	(7) HC277-M40

Performance Specifications: 74000 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			
74120-7M3	150V AC	400	400	400	200	200	400	-40 dB (@5K-100MHz)
74277-7M3	320V AC	800	800	800	200	200	400	-40 dB (@5K-100MHz)

15.80 (140.0)

8.33 (211.6)

19.71 (500.3)

74120-7M3

SPECIFICATIONS AND FEATURES

74000 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 Edition 2.5 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

Surge Protection Devices

57000 Series Branch Panel Mounts ⓊⓁ ⓈⒶ

DESCRIPTION	CAT. NO. W/O SURGE COUNTER	CAT. NO. W/ SURGE COUNTER	VOLTAGE RATING	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 Edition 2.5 (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
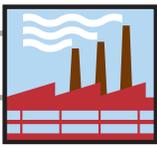
Surge Protection Devices

Industrial Grade Surge Protection 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	L-N	
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

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

52000 Series
- UL 1449 Listed Edition 2.5 (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

Operating Temperature: -10°C to 60°C
Storage Temperatire: -20°C to 85°C

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*
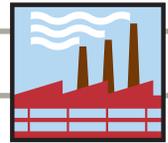
47000 & 52000-7M3 Series Branch Panel Mounts Ⓤ Ⓢ

DESCRIPTION	CAT. NO. W/O SURGE COUNTER	CAT. NO. W/ SURGE COUNTER	VOLTAGE RATING 3ø 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

10.00 (254.0)
10.00 (254.0)
11.00 (279.4)
4.00 (101.6)

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/8x20µs 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)

11.25 (285.8)
13.50 (342.9)
5.69 (144.5)

47120-4X7

37000, 47000 & 57000-7M3 Series Branch Panel Mounts Ⓤ Ⓢ

DESCRIPTION	CAT. NO. W/O SURGE COUNTER	CAT. NO. W/ SURGE COUNTER	VOLTAGE RATING 3ø WYE (4-Wire & Ground)
7-Mode Panel Mount Type 1 Enclosure (4-Wired + Ground)	37120-007	———	120/208V AC
7-Mode Panel Mount w/NEMA Type 1 Enclosure (4-Wire + Ground)	37277-4X7	———	277/480V AC

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 Edition 2.5 (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 Temperatire: -20°C to 85°C
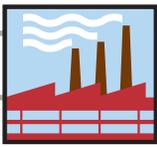
Industrial Grade Surge Protection Devices

3.25
(82.5)

7.50 (190.5)

6.25 (158.7)

4.25 (108.0)

32120-DY3

32000 and 42000 Series for Branch Panels Ⓤ Ⓒ

DESCRIPTION	CAT. NO.	VOLTAGE RATING
Single-Phase	32120-1 42120-1	120/240V AC
3-Phase WYE or 220V AC, 3Ø Delta	32120-DY3 42120-DY3	120/208V AC
277/480V or 220/380V AC	32277-DY3	277/480V AC, 220/380V AC
3-Phase WYE or 240, 480V AC 3Ø Delta	42277-DY3	480V AC
3-Phase WYE	32347-DY3 42347-DY3	347/600V AC
Hi-Leg Split Phase Delta	32412-DS3 42412-DS3	120/240V AC
Flush Mount Collar	42001-FMC	———

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	
						3200 Series	4200 Series
		L-N	N-G	L-L	L-N		
32120-1 42120-1	150V AC	500	500	700		-20 to -30 dB (@1.5K–1.2MHz)	-30 to -40 dB (@10K–10MHz)
32120-DY3 42120-DY3	150V AC	500	500	700			
32277-DY3 42277-DY3	320V AC	900	800	1500	80kA		
32347-DY3 42347-DY3	382V AC L-L 660V AC	1200	1000	2000			
32412-DS3 42412-DS3	320V AC L-L 264V AC	400	700 (HiL-N)	800			

3.25
(82.5)

7.50 (190.5)

6.25 (158.7)

4.25 (108.0)

42120-DY3

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 Edition 2.5 (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
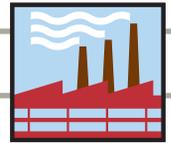
3400 and 3800 Series Low Voltage Communication
Surge Protection Modules

DESCRIPTION	CAT. NO.	RATING	APPLICATION
3-Pin Header Connector, Surface Mount	3803-DHP*	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	3803-485*	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	3803-SPX	13.6V DC	For products operating on SERIPLEX control bus networks
DB-9 Connector, Surface & DIN-Rail Mount	3803-CAN	25V DC	For products operating on Honeywell control bus
3-Pin Header Connector, Surface Mount	3803-MOD	9.6V DC	For products operating on Modbus and Modbus Plus networks
3-Pin Header Connector, Surface Mount	3420-009*	9.6V DC	For products operating on 4-20ma Signal Loop networks, 9V DC
3-PIN Header Connector, Surface Mount	3420-035*	38.5V DC	For products operating on 4-20ma Signal Loop networks, 38V DC
4-Position Terminal Block Surface & DIN-rail Mount	3860-GEF	100V DC	For products operating on GE Fanuc Control Bus networks
RJ-45 Connector, Surface & DIN-Rail Mount	3861-ETH	19.8V DC	For products operating on Ethernet PLC ports and CAT 3 networks
BNC Connector, Surface & DIN-Rail Mount	3862-CON	9.18V DC	For ControlNet networks
5-Pin Header Connector Surface & DIN-Rail Mount	3863-DEV	19.8V DC	For DeviceNet networks
Hospital Grade Din-Rail Mountable Surge Protected Duplex Receptacle w/LED & Audible Alarm	3880-DIN	120V	For plug-in surge protection in equipment cabinets

Surge Counter: 51000-SMC

DESCRIPTION	CAT. NO.
Plug-in Surge Counter	51000-SMC

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.

0.79 (20.0)
2.26 (57.4)
1.51 (38.3)

3803-485

1.70 (43.2)
3.00 (76.2)
2.49 (63.2)

3803-SPX

2.36 (5.99)
5.63 (14.3)
2.54 (64.5)
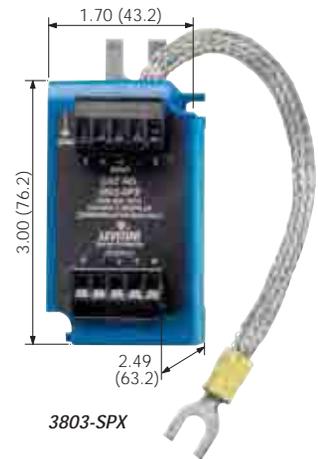
3880-DIN

51000-SMC

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

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
• Excellent tool for determining if you need surge protection in an office environment.

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

51000-SMC
• Meets UL Standard 1436

MATERIAL CHARACTERISTICS

Operating Temperature: -40ºC to 60ºC (3803-DHP, 3803-485, 3803-MOD, 3420-009, 3420-035); -10ºC to 85ºC (3803-SPX, 3803-CAN, 3860 Series)

Storage Temperature: -40ºC to 90ºC (3803-DHP, 3803-485, 3803-MOD, 3420-009, 3420-035); -20ºC to 85ºC (3803-SPX, 3803-CAN, 3860 Series)
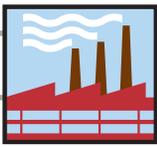
Surge Protection Devices

Industrial Grade Surge Protection Devices

Surge Protection Devices

1.66 (42.1)
2.69 (68.3)
3.28 (83.3)
3.78 (96.0)
0.85 (21.59)

3800-DIN

1.66 (42.1)
3.78 (96.0)
3.28 (83.3)
2.69 (68.3)
0.85 (21.5)

3800-0EM

2.49 (63.2)
2.99 (75.9)
1.00 (25.4)

3840-DIN

Equipment Cabinet Surge Protection Modules 3800 Series ⓊⓁ ⓈⓅ

DESCRIPTION	CAT. NO.	RATING
For DIN-Rail Mounting, w/Terminal Block; 120V AC	**3800-DIN**	120V AC (VRMS)
Terminal Block; 120V AC	**3800-0WM**	120V AC (VRMS)
Pigtail Wire Leads, 6" long; 120V AC	**3800-0EM**	120V AC (VRMS)
For DIN-Rail Mounting, w/Terminal Block; 12V DC	**3812-DIN**	12V DC
Terminal Block; 12V DC	**3812-0WM**	12V DC
Pigtail Wire Leads; 6" long; 12V DC	**3812-0EM**	12V DC
For DIN-Rail Mounting, w/Terminal Block; 24V DC	**3824-DIN**	24V DC
Terminal Block; 24V DC	**3824-0WM**	24V DC
Pigtail Wire Leads; 6" long; 24V DC	**3824-0EM**	24V DC
For DIN-Rail Mounting, w/Terminal Block; 240V AC	**3840-DIN**	240V AC (VRMS)
Terminal Block; 240V AC	**3840-0WM**	240V AC (VRMS)
Pigtail Wire Leads; 6" long; 240V AC	**3840-0EM**	240V AC (VRMS)
For DIN-Rail Mounting, w/Terminal Block; 48V DC	**3848-DIN**	48V DC
Terminal Block; 48V DC	**3848-0WM**	48V DC
Pigtail Wire Leads; 6" long; 48V DC	**3848-0EM**	48V DC

Clamping Performance and Performance Specification

CLAMPING PERFORMANCE	CAT. NO. 3800	CAT. NO. 3840
UL Standard 1449 permanently-wired test	L-N: 500V Peak	L-N: 330V Peak
(8x20µs, 3000A)	L-G: 500V Peak	L-G: 400V Peak
	N-G: 500V Peak	N-G: 330V Peak

PERFORMANCE SPECIFICATION	CAT. NO. 3800	CAT. NO. 3840
Max. Single-Pulse	L-N: 1300A	L-N: 1300A
Transient Current	L-G: 6500A	L-G: 6500A
(8X20µS, Impulse)	N-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	**3880-DIN**	15A-120V @ 50,
Single Convenience Outlet 60Hz	**3801-DIN**	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, 3800-0WM: 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 plugin 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

- UL 1449 Listed Edition 2.5(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

Industrial Grade Surge Protection Devices
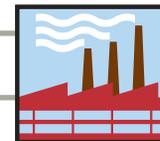
Hospital Grade Surge Protection Receptacles—120V NOM c(UL)US LISTED

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
15A Duplex—Indicator Light, Audible Alarm	8280	I, W, A, T, R, B
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 Protection Receptacles—120V (UL) (CB)

DESCRIPTION	CAT. NO.	COLOR* Brown Not Available
15A Duplex—Indicator Light, Audible Alarm	8280-IG	I, W, G, B, O
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 Protection Receptacles—120V (UL) (CB)

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
15A Duplex—Indicator Light	5280	I, W, A, T, GY, B
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 Protection Receptacles—120V (UL) (CB)

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
15A Duplex—Indicator Light	5280-IG	I, W, A, G, B, O
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

Note: For Acenti Sixplex and Duplex Surge Protective Receptacles, see page A5

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 (Edition 2.5)
- 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).

8380

8280-IG0

5380-IGB
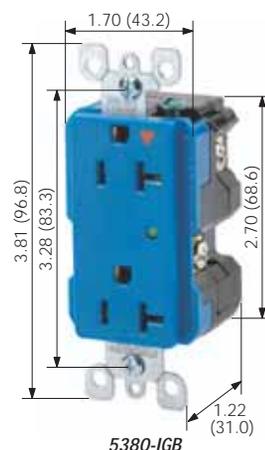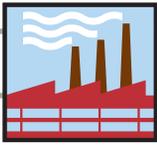
Surge Protection Devices

Industrial Grade Surge Protection Devices
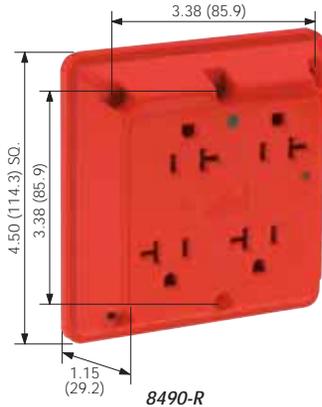
8490-R

3254-E

4254-Y

Four-In-One Surge Protection Receptacles—120V ⓤ ⓢ

DESCRIPTION	CAT. NO.	COLOR* *Brown Not Available.* *For IG Devices, Basic Cat. No. Denotes Orange*
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* *Basic Cat. No. Denotes Brown*
3254	I, W, GY, R, E, OR, BLU

Four-In-One Portable Boxes†

CAT. NO.	COLOR* *Brown Not Available*
4254	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.

Four-In-One Surge Protection 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

- UL 1449 Edition 2.5
- 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)

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

Surge Protection Devices

Commercial Grade Surge Protection Devices

S1000 & S2000 Series Plug Strips

DESCRIPTION	CAT. NO.
S1000 Series Power Surge Strip (6 outlets)	**S1000-0PS**
S1000 Series TELCO/ CATV/SAT Surge Strip (6 outlets)	**S1000-PTC**
S2000 Series Power Surge Strip (9 outlets)	**S2000-0PS**
S2000 Series TELCO/ CATV/SAT Surge Strip (9 outlets)	**S2000-PTC**

S1000

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

S2000

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

4950-PSC

SPECIFICATIONS AND FEATURES

Plug Strips
- Ground pin to outside for more transformer configurations
- Diagnostic LEDs for surge protection, polarity and ground verification
- Resettable circuit breaker
- Power line carrier compatible
- Audible alarm indicates loss of protection
- Four non-skid rubber feet on the bottom

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

TESTING AND CODE COMPLIANCE

Plug Strips
- CSA Certified
- UL Listed 1449 Edition 2.5
- Meets ANSI/IEEE C62.41 Edition 2.5 and C62.45

Computer Grade Plug Strips
- UL Listed1449
- Limited Lifetime Warranty

Plug-Ins
- UL Listed1449
- Limited Lifetime Warranty

3.54 (89.9)

5.17 (131.2)

1.54 (39.1)

4900-P

Surge Protection Devices

Power Distribution Units with Surge Protection

4.55
(115.5)

1.71
(43.4)

19.00 (482.6)

5500-190

19" Rack-Mount PDU's with Surge Protection ⓤ ⓢ

DESCRIPTION	CAT. NO.	RATING
With ON/OFF Switch, NEMA 5-15P St. Blade Plug	**5500-190**	15A 125V
Without ON/OFF Switch, NEMA 5-15P St. Blade Plug	**5500-15N**	15A 125V
With ON/OFF Switch, NEMA L5-15P Locking Plug	**5500-15L**	15A 125V
Without ON/OFF Switch, NEMA L5-15P Locking Plug	**5500-NL**	15A 125V
With ON/OFF Switch, NEMA 5-20P St. Blade Plug	**5500-192**	20A 125V
With ON/OFF Switch, NEMA 5-15P St. Blade Plug	**5505-190**	15A 125V
Without ON/OFF Switch, NEMA 5-20P St. Blade Plug	**5500-20N**	20A 125V
With ON/OFF Switch, NEMA L5-20P Locking Plug	**5500-20L**	20A 125V
Without ON/OFF Switch, NEMA L5-20P Locking Plug	**5500-2NL**	20A 125V

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 PDU's with Surge Protection

- 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 PDU's with Surge Protection

- UL Recognized Component tested to UL 1449 standards Edition 2.5
- Covered by a Lifetime Limited Downline Warranty

MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C

Storage Temperature: -35°C to 60°C

Commercial Grade Power Distribution Units

4505 Series 19″ Rack Mount Power Distribution Units ⓊⓁ ⓈⓇ

	DESCRIPTION	CAT. NO.	RATING	INPUT	OUTPUT
[A]	10 Receptacle w/7 ft. power cord	**4505-20L**	120V 20A	L5-20P	5-20R
	10 Receptacle w/10 ft. power cord	**4505-20T**	120V 20A	L5-20P	5-20R
	10 Receptacle w/15 ft. power cord	**4505-20F**	120V 20A	L5-20P	5-20R

P1000 Series Vertical Power Distribution Units

	DESCRIPTION	CAT. NO.	RATING	INPUT	OUTPUT
	16 Receptacle w/10 ft. power cord	**P1040-10S**	120V 15A	5-15P	5-15R
[B]	16 Receptacle w/10 ft. power cord	**P1041-10S**	120V 20A	5-20P	5-20R
	16 Receptacle w/10 ft. power cord	**P1042-10L**	120V 20A	L5-20P	5-20R
	24 Receptacle w/10 ft. power cord	**P1043-10S**	120V 20A	5-20P	5-20R
[C]	24 Receptacle w/10 ft. power cord	**P1044-10L**	120V 20A	L5-20P	5-20R
	24 Receptacle w/10 ft. power cord	**P1045-10L**	120V 30A	L5-30P	5-20R
	24 Receptacle w/10 ft. power cord	**P1046-10L**	208V 20A	L6-20P	C13
[D]	24 Receptacle w/10 ft. power cord	**P1047-10L**	208V 30A	L6-30P	C13

P1000 Series Horizontal Power Distribution Units

	DESCRIPTION	CAT. NO.	RATING	INPUT	OUTPUT
	10 Receptacle w/12 ft. power cord	**P1020-12S**	120V 15A	5-15P	5-15R
[E]	10 Receptacle w/12 ft. power cord	**P1021-12S**	120V 20A	5-20P	5-20R
	10 Receptacle w/12 ft. power cord	**P1022-12L**	120V 20A	L5-20P	5-20R
	20 Receptacle w/12 ft. power cord	**P1023-12L**	120V 30A	L5-30P	5-20R
[F]	12 Receptacle w/12 ft. power cord	**P1024-12L**	120V 20A	L6-20P	C13
	12 Receptacle w/12 ft. power cord	**P1025-12L**	120V 30A	L6-30P	C13

A (30"L x 1.8"W x 1.75"D)

E (1.75"L x 17.5"W x 4.5"D)

F (30"L x 1.8"W x 1.75"D)

B *C* *D*

B (30"L x 1.8"W x 1.75"D)
C (48"L x 1.8"W x 1.75"D)
D (48"L x 2.19"W x 2"D)

SPECIFICATIONS AND FEATURES

4505 Series PDUs
- Mounts horizontally on 19″ racks or cabinets
- 10 receptacles
- Resettable circuit breaker protects against overloading
- Most models available with locking plug
- ?-Year product warranty

P1000 Series
- Available in vertical zero-U or horizontal rack-mount styles
- Available in 120V or 208V options
- LED indicators for power and grounding/polarity
- All models feature circuit breaker protection to prevent current overloads

- 208V PDUs come with 2-pole circuit breakers for added safety
- 18AWG cold-rolled steel enclosure powder coated black
- Included mounting hardware allows attachment to most common cabinets and racks
- 120V/30A PDUs and all 208V PDUs come with DP-rated cords
- 3-Year product warranty

TESTING AND CODE COMPLIANCE

4505 Series
- Meets UL Standard 1363

P1000 Series
- Certified to UL 1363 or UL 60950-1, RoHS compliant

Surge Protection Devices

Commercial Grade Power Distribution Units

Metered Series Vertical Power Distribution Units

DESCRIPTION		CAT. NO.	INPUT RATING	INPUT	OUTPUT RATING	OUTPUT
[A]	12 Receptacle w/modular cord*	MV121-1D1	120V 20A		120V	5-20R
	12 Receptacle w/10 ft. power cord	MV121-1B1	120V 30A	L5-30P	120V	5-20R
	24 Receptacle w/Modular cord*	MV241-1D1	120V 20A		120V	5-20R
[B]	24 Receptacle w/10 ft. power cord	MV241-1B1	120V 30A	L5-30P	120V	5-20R
	12 Receptacle w/10 ft. power cord	MV122-1C2	208V 30A	L6-30P	120V	C13
	24 Receptacle w/10 ft. power cord	MV242-1C2	208V 30A	L6-30P	120V	C13
	21 Receptacle w/10 ft. power cord	MV123-1E2	120/208V			
	3-Phase 20A	L21-20P	120V	C13		

* 120V/20A PDUs need a Modular Power cord as shown in the "Accessories" below

Metered Series Horizontal Power Distribution Units

DESCRIPTION		CAT. NO.	INPUT RATING	INPUT	OUTPUT RATING	OUTPUT
[C]	10 Receptacle w/modular cord*	MH101-1D1	120V 20A		120V	5-20R
	10 Receptacle w/10 ft. power cord	MH101-1B1	120V 30A	L5-30P	120V	5-20R
[D]	12 Receptacle w/10 ft. power cord	MH122-1C2	208V 30A	L6-30P	208V	C13

* 120V/20A PDUs need a Modular Power cord as shown in the "Accessories" below

Accessories

DESCRIPTION		CAT. NO.
[E]	Modular Power Cord, C19 to 5-15P, 10ft.	PCORD-G10
	Modular Power Cord, C19 to 5-20P, 10ft	PCORD-A10
	Modular Power Cord, C19 to L5-20P, 10ft	PCORD-H10

C

D

C & D *(1.75"L x 17.25"W x 5"D)*

A

B

A *(31.25"L x 1.75"W x 2.25"D*
54.0"L x 1.75"W x 2.25"D

B *(31.25"L x 1.75"W x 2.25"D*
54.0"L x 1.75"W x 2.25"D
45.75"L x 1.75"W x 2.25"D

E

Surge Protection Devices

SPECIFICATIONS AND FEATURES

Metered Series PDUs

• LED display provides visible warning when current draw is close to maximum capacity thus avoiding circuit overload
• True RMS current monitoring prevents overloads in high-density computing environments
• Included mounting hardware allows attachment to most common cabinets and racks
• Available in vertical zero-u and horizontal rack-mount styles
• Available in 120V and 208V options
• A wide variety of input and output options ensures the flexibility to adapt to varying power requirements

TESTING AND CODE COMPLIANCE

• Meets the UL 60950-1 requirements for branch circuit protection

Commercial Grade Power Distribution Units
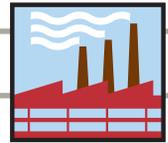
Switched Series Vertical Power Distribution Units

DESCRIPTION		CAT. NO.	INPUT RATING	INPUT	OUTPUT RATING	OUTPUT
[A]	16 Receptacle w/modular cord*	SV161-1D1	120V 20A		120V	5-20R
	16 Receptacle w/10 ft. power cord	SV161-1B1	120V 30A	L5-30P	120V	5-20R
[B]	16 Receptacle w/10 ft. power cord	SV162-1C2	208V 30A	L6-30P	208V	C13

* 120V/20A PDUs need a Modular Power cord as shown in the "Accessories" below

Switched Series Horizontal Power Distribution Units

DESCRIPTION		CAT. NO.	INPUT RATING	INPUT	OUTPUT RATING	OUTPUT
[C]	8 Receptacle w/modular cord*	SH081-1D1	120V 20A		120V	5-20R
	8 Receptacle w/10 ft. power cord	SH081-1B1	120V 30A	L5-30P	120V	5-20R
[D]	8 Receptacle w/10 ft. power cord	SH082-1C2	208V 30A	L6-30P	208V	C13

* 120V/20A PDUs need a Modular Power cord as shown in the "Accessories" below

Accessories

DESCRIPTION		CAT. NO.
[E]	Modular Power Cord, C19 to 5-15P, 10ft.	PCORD-G10
	Modular Power Cord, C19 to 5-20P, 10ft	PCORD-A10
	Modular Power Cord, C19 to L5-20P, 10ft	PCORD-H10
[F]	Temperature & Relative Humidity Probe, 10 ft.	TCORD-010

C

D

C & D (1.75"L x 17"W x 7"D)

E

F

A

B

A & B (63.5"L x 1.75"W x 2.25"D)

Surge Protection Devices

SPECIFICATIONS AND FEATURES

Switched Series PDUs

- Remote individual outlet management allows shut down of unused outlets and remote rebooting of attached equipment
- Full featured network management provided via Web, SNMP, and Telnet allows remote access, configuration and management
- Power sequencing prevents in-rush current and avoids circuit overload
- Provides SNMP alerts when power or environmental conditions exceed thresholds
- Firmware is easily upgraded via network download to installed units for future product enhancements
- External probe available separately for environmental monitoring

Residential Grade Surge Protection Devices
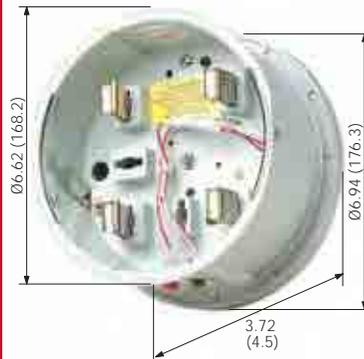
50240-MSA

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
Secondary Surge Arrester W/LEDs and Audible Alarm	**55650-ASA**	480V AC	277/480V AC, 480V Delta 347/600V AC, 600V Delta

MOV's rated at 150V. UL assigns a derated MCOV of 132V for surge arrester applications

54175-SSA

55175-ASA

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

Surge Protection Devices

Residential Grade Surge Protection Devices

General Purpose Plug-In's ⓊⓁ ⓢⓅ®

DESCRIPTION	CAT. NO.	RATING
6-Outlet Plug-in w/Power & Circuit Monitor Lights UL 1449 (All Modes) 400V	**3500-P**	15A 120V
6-Outlet Plug-in w/two RJ11 Phone Jacks, 6 ft. Phone Cord, Power & Circuit Monitor Lights UL 1449 (All Modes) 400V	**3500-PT**	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	**3500-PC**	15A 120V

51110 Series Residential Surge Protection Panels ⓊⓁ ⓢⓅ®

DESCRIPTION	CAT. NO.	RATING
1-Phase, 3-Wire & Ground	**51110-1**	120/240V AC
Multimedia Panel: 1-Phase, 3-Wire & Ground with two pairs of phone/fax/modem terminals and CATV/Satellite F-Connectors	**51110-PTC**	120/240V AC
Multimedia Panel: 1-Phase, 3-Wire & Ground with four pairs of phone/fax/modem terminals and CATV/Satellite F-Connectors	**51110-CT8**	120/240V AC

51120 Series Surge Protection Panels ⓊⓁ ⓢⓅ®

DESCRIPTION	CAT. NO.	RATING
1-Phase, 3-Wire & Ground	**51120-1**	120/240V AC
3-Phase WYE, 4-Wire & Ground	**51120-3**	120/208V AC
1-Phase, 3-Wire & Ground; NEMA 3R Outdoor Enclosure	**51120-3R**	120/240V AC
1-Phase, 3-Wire & Ground; with RJ11Telephone and F-Connector CATV/Satellite Modules	**51120-PTC**	120/240V AC

3500-PT

51110-PTC

Surge Protection Panel Performance Specifications

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)		MAX. SURGE CURRENT (Test w/8x20µs wave)
51110-1	150 V AC	L-N: 400V	L-L: 800V	L-N: 80kA
51110-PTC	150V AC	L-N: 400V	L-L: 800V	L-N: 80kA
51110-CT8	150V AC	L-N: 400V	L-L: 800V	L-N: 80kA
51120-1	150V AC	L-N: 500V	L-L: 800V	L-N: 50kA
51120-3	150V AC	L-N: 500V	L-L: 800V	L-N: 50kA
51120-3R	180V AC	L-N: 800V		L-N: 50kA
51120-PTC	150V AC	L-N: 500V	L-L: 800V	L-N: 80kA

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 Edition 2.5
- 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 Protection Devices

Residential Grade Surge Protection Devices

3950-BKT

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.

Snap-In Surge Protection Modules

Snap-In Modules

SPECIFICATION	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	**Beige—5951-SA** **Gray—5951-SAT** **Ice—5951-SAC**
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	**Beige—5952-ET** **Gray—5952-ETH** **Ice—5952-ETC**
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	**Beige—5953-PC** **Gray—5953-PCG** **Ice—5953-PCC**
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	**Beige—5954-AT4** **Gray—5954-PT4** **Ice—5954-CT4**
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	**Beige—5955-DT** **Gray—5955-DTG** **Ice—5955-DTC**
Cat. 5 Ethernet Module Two RJ45 Connectors with Ground Pin for Ethernet - Cat. 5	**Beige—5957-0CS** **Grey—5957-C5G**
Two Line Telephone Module One Input, One Output RJ11 Connector for 4-Wire POTS	**Beige—5958-AT4** **Grey—5958-PT4**
Four Line Telephone Module One Input, One Outpuput RJ45 Connector for 8-Wire POTS	**Beige—5959-BT8** **Grey—5959-GT8**
Surge Module Bracket	**3950-BKT**

TESTING AND CODE COMPLIANCE				
CAT. NO.	**MCOV (VDC)**	**CLAMPING VOLTAGE (VDC)**	**TESTED TO**	**MEET STANDARDS**
5951	60	388	UL 452	ANSI/IEEE C-62.36
5952	16.6	23	UL497B	
5953	60	388	UL452	
5954	288	715	UL497A	CSA (#LR-94773)
5955	205	210	UL497A	
5957	16.6	23	UL497B	
5958	288	715	UL497A	
5959	288	715	UL497A	

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

Commercial Grade Uninterruptible Power Supplies (UPS's)

Uninterruptible Power Supplies (UPS's)

Leviton's UPS product line offers the latest technology and features available to help prevent losses and costly downtime associated with outages, sags and blackouts for computers, data and telecom and other sensitive loads.

Sine Series Uninterruptible Power Supply (UPS's) ⓊL ⓈP

DESCRIPTION	OUTPUT CAPACITY	FOOTPRINT	OUTLET QTY & TYPE	TYPICAL BACK-UP TIME		CAT. NO.
				FULL LOAD	HALF LOAD	
Line-Interactive, True Sine Wave	800VA/560W	Tower	(4) 5-15R	5 Min	14 Min	U0800-SK
Line-Interactive, True Sine Wave	1000VA/700W	Tower	(4) 5-15R	5 Min	14 Min	U1000-SK
Line-Interactive, True Sine Wave	1500VA/1050W	Tower	(6) 5-15R	5 Min	19 Min	U1500-SK
Line-Interactive, True Sine Wave	2000VA/1400W	Tower	(6) 5-15R	10 Min	47 Min	U2000-SK
Line-Interactive, True Sine Wave	3000VA/2100W	Tower	(6) 5-15R	10 Min	47 Min	U3000-SK
Line-Interactive, True Sine Wave	800VA/560W	Rack-mount, 2U	(4) 5-15R	10 Min	20 Min	U0800-SRM
Line-Interactive, True Sine Wave	1500VA/1050W	Rack-mount, 2U	(4) 5-15R	5 Min	19 Min	U1500-SRM
Line-Interactive, True Sine Wave	3000VA/2100W	Rack-mount, 2U	(6) 5-15R	10 Min	47 Min	U3000-SRM
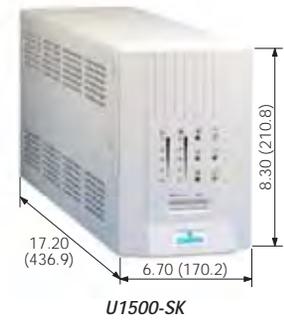
U1500-SK

On-Line Series Uninterruptible Power Supply (UPS's) ⓊL ⓈP

DESCRIPTION	OUTPUT CAPACITY	FOOTPRINT	OUTLET QTY & TYPE	TYPICAL BACK-UP TIME		CAT. NO.
				FULL LOAD	HALF LOAD	
On-Line, Pure Sine Wave	700VA / 490W	Tower	(6) 5-15R	7 Min	15 Min	U0700-VNL
On-Line, Pure Sine Wave	1000VA / 700W	Tower	(6) 5-15R	7 Min	15 Min	U1000-VNL
On-Line, Pure Sine Wave	1500VA / 1050W	Tower	(6) 5-15R	7 Min	11 Min	U1500-VNL
On-Line, Pure Sine Wave	2000VA / 1400W	Tower	(6) 5-15R	7 Min	15 Min	U2000-VNL
On-Line, Pure Sine Wave	3000VA / 2100W	Tower	(6) 5-15R	6 Min	15 Min	U3000-VNL
On-Line, Pure Sine Wave	700VA / 490W	Rack-mount, 2U	(6) 5-15R	7 Min	15 Min	U0700-VRM
On-Line, Pure Sine Wave	1000VA / 700W	Rack-mount, 2U	(6) 5-15R	7 Min	15 Min	U1000-VRM
On-Line, Pure Sine Wave	1500VA / 1050W	Rack-mount, 2U	(6) 5-15R	7 Min	11 Min	U1500-VRM
On-Line, Pure Sine Wave	2000VA / 1400W	Rack-mount, 2U	(6) 5-15R	7 Min	15 Min	U2000-VRM
On-Line, Pure Sine Wave	3000VA / 2100W	Rack-mount, 2U	(6) 5-15R	6 Min	15 Min	U3000-VRM
On-Line, Pure Sine Wave	1000VA / 700W	Rack-mount, 1U	(6) 5-15R	5 Min	11 Min	U1000-DRM

U3000-VNL

U3000-VRM

SPECIFICATIONS AND FEATURES

Sine Series Uniterruptible Power Supply
- Line-Interactive technology provides rapid transfer time (<4ms) and voltage regulation for minor sags and swells
- True sine-wave output less than 3% THD
- Selectable output voltage: 100V, 110V, 115V, 120V, or 127V
- Advanced Battery Management (ABM) extends battery life by up to 50%
- Included UPSMON software provides monitoring and control capability
- Energy-saving sleep mode reduces power consumption
- AC Surge Protection and Noise Filtering
- User-replaceable, sealed, maintenance-free lead acid batteries

On-Line Series Uniterruptible Power Supply
- On-Line Double Conversion technology with zero transfer time
- Provides true sine-wave output at less than 3% THD
- LED Display gives "Minutes Remaining" indicator based on actual load
- Selectable output voltage: 100V, 110V, 115V, 120V or 127V
- Advanced Battery Management (ABM) extends battery life by up to 50%
- Optional Extended Battery Packs provide additional back up time
- Included UPSMON software provides monitoring and control capability
- Energy-saving sleep mode reduces power consumption
- AC Surge Protection and Noise Filtering
- User-replaceable, sealed, maintenance-free lead acid batteries
- Includes interface for Emergency Power Off (EPO)

TESTING AND CODE COMPLIANCE

Sine Series Uniterruptible Power Supply
- UL 1778 & cUL Listed
- FCC compliant
- ISO 9001 Certified
- 2-Year Limited Product Warranty (covers parts, labor, and battery)
- 2-Year Limited Connected-Equipment Warranty

On-Line Series Uniterruptible Power Supply
- UL 1778 & cUL Listed
- 2-Year Limited Product Warranty (covers parts, labor, and battery)
- 2-Year Limited Connected-Equipment Warranty

Surge Protection Devices

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

LEVITON

Commercial Grade Uninterruptible Power Supplies (UPS's)

U2200-AKP

U0500-AKP

U0600-AKP Face

U0600-AKP Back

U0625-AKP Face

U0625-AKP Back

Pro, Slim and Strip Series Uninterruptible Power Supplies (UPS's)

DESCRIPTION	OUTPUT CAPACITY	FOOTPRINT	OUTLET QTY & TYPE	TYPICAL BACK-UP TIME		CAT. NO.
				FULL LOAD	HALF LOAD	
Line-Interactive, Simulated Sine Wave	425VA / 297W	Tower	(6) 5-15R	4 Min	17 Min	U0425-AKP
Line-Interactive, Simulated Sine Wave	625VA / 437W	Tower	(6) 5-15R	4 Min	11 Min	U0625-AKP
Line-Interactive, Simulated Sine Wave	825VA / 578W	Tower	(6) 5-15R	6 Min	20 Min	U0825-AKP
Line-Interactive, Simulated Sine Wave	1000VA / 700W	Tower	(5) 5-15R	4 Min	13 Min	U1000-AKP
Line-Interactive, Simulated Sine Wave	1500VA / 1050W	Tower	(6) 5-15R	5 Min	18 Min	U1500-AKP
Line-Interactive, Simulated Sine Wave	2200VA / 1540W	Tower	(6) 5-15R	5 Min	22 Min	U2200-AKP
Line-Interactive, Simulated Sine Wave	500VA / 350W	Desktop	(5) 5-15R	5 Min	20 Min	U0500-AKP
Line-Interactive, Simulated Sine Wave	600VA / 420W	Rack-mount, 1U	(5) 5-15R	7 Min	22 Min	U0600-ARM

SPECIFICATIONS AND FEATURES

- Line-Interactive technology provides rapid transfer time (<4ms) and voltage regulation for minor sags and swells
- Simulated sine-wave output
- Selectable output voltage: 100V, 110V, 115V, 120V or 127V
- Advanced Battery Management (ABM) extends battery life by up to 50%
- Included UPSMON software provides monitoring and control capability
- Energy-saving sleep mode reduces power consumption
- AC Surge Protection and Noise Filtering
- User-replaceable, sealed, maintenance-free lead acid batteries

TESTING AND CODE COMPLIANCE

- UL 1778 & cUL Listed
- FCC compliant
- ISO 9001 Certified
- 2-Year Limited Product Warranty (covers parts, labor, and battery)
- 2-Year Limited Connected-Equipment Warranty

Lampholders

INDEX

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

LEVITON®

Lampholders

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.

OUTLET BOX LAMPHOLDER
Available in keyless, pull chain and outlet models, all featuring easy twist-lock mounting.
Cat. No. 8827-CW4 shown

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

LONG TWIN-TUBE 2G11 BASE LAMPHOLDERS
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 LAMPHOLDERS
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

Medium Base Incandescent Lampholders

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	4¹/₂"	3¹/₄" or 4"
6" Pigtail Leads	8829-CW2	4¹/₂"	3¹/₄" or 4"
4 Terminal Screws	8829-CW4	4¹/₂"	3¹/₄" 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	4¹/₂"	3¹/₄" or 4"
6" Pigtail Leads	8827-CW2	4¹/₂"	3¹/₄" or 4"
2 Terminal Screws with Captive Clamps	8827-CW4	4¹/₂"	3¹/₄" or 4"

660 WATT 250V One-Piece Keyless Top Wired ⓤ ⓢ

DESCRIPTION/ TERMINALS	PORCELAIN CAT. NO.	OD	FITS BOX SIZE
2 Screws★	9874	3³/₄"	3¹/₄"
2 Screws, no cage lip	9875	4¹/₂"	3¹/₄" or 4"
6" Pigtail Leads, no cage lip	9875-2	4¹/₂"	3¹/₄" or 4"
4 Screws	49875	4¹/₂"	3¹/₄" or 4"
4 Quickwire Push-In★	9883	4¹/₂"	3¹/₄" or 4"

660 WATT 250V One-Piece Pull Chain Top Wired ⓤ ⓢ

DESCRIPTION/ TERMINALS	PORCELAIN CAT. NO.	OD	FITS BOX SIZE
2 Screws	29816-C	4¹/₂"	3¹/₄" or 4"
6" Pigtail Leads	29816-C2	4¹/₂"	3¹/₄" or 4"
2 Screws w/Captive Clamps for 4-Wire Terminals	49816-C	4¹/₂"	3¹/₄" 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★

Ø 4.56 (115.9)
2.01 (50.9)
Ø 1.33 (33.9)

8827-CW2

Ø 4.50 (114.3)
1.52 (38.5)
Ø 1.63 (41.3)

9875-2

Ø 4.50 (115.3)
2.01 (50.9)
Ø 1.74 (44.2)

29816-C

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)

Incandescent Lampholders

Medium Base Incandescent and GU24 Base Fluorescent Lampholders

Ø 4.56 (115.9)

2.50 (63.5)

9716-C

Ø 4.56 (115.9)

2.50 (63.5)

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	4¹/₂"	3¹/₄" 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	4¹/₂"	3¹/₄" or 4"	5-15R

Ball and Chain Accessories

DESCRIPTION	BRASS FINISH	NICKEL FINISH
No. 6 Chain; ¹/₈" 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; ¹/₂₅" Dia. Balls	6	6-N

18302-1N

9820

6

DESCRIPTION	BROWN	WHITE
Insulating Link; Thermoplastic 1³/₄" Total Length	9839	9839-I

9839-I

CSA Certified except where indicated by★

GU24 Base Fluorescent Lampholder

Energy-Saving Keyless Bi-Pin Compact Fluorescent Ceiling Lampholder for Closets and Closed Spaces 120 WATT 250V AC ⒸⓊⓁus

DESCRIPTION	CAT. NO.
Lampholder with pigtail leads and knockout holes for multiple configurations	9860
Lampholder with pigtail leads and knockout holes for multiple configurations; with 13W Bulb	9860-B
Lampholder with pigtail leads and knockout holes for multiple configurations; with 13W Bulb and Lamp Guard	9860-BL
Lamp Guard	9860-L
13W Replacement Lamp	9865

Note: Not intended for use with incandescent lamps, dimmers or occupancy sensors.

9860

SPECIFICATIONS AND FEATURES

Outlet Box Incandescent Lampholders

• 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

Fluorescent Ceiling Lampholder*

• Installs indoors in closets, garages, basements, utility rooms and attics
• Reduces risk of fire in closets and closed spaces
• Built of tough thermoplastic
• Use with a standard wall switch
• Pigtail leads provide easy installation

• Knockout holes on box enable multiple configurations

* Patent pending

TESTING AND CODE COMPLIANCE

Outlet Box Incandescent Lampholders

• UL Listed (File #E-3810; E-7516)
• CSA Certified (File #LR-1863)

Fluorescent Ceiling Lampholder

• cULus Listed
• Meets NFPA 70, NEC Section 410.8B Requirements and Canadian Electric Code Requirements for use in closets with lamp guard
• Backed by a Limited Two-Year Warranty

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

Medium Base Incandescent Lampholders

Metal Shell Lampholders
Medium Base, Choice of Finishes* ⓤ ⓢ

DESCRIPTION	CAT. NO.	RATING
Key—Electrolier; Single Circuit; ⅛ IPS Tapped Bushing w/Set Screw	9346	250W 250V
Removable Turn Knob—Electrolier; Single Circuit; 1/8 IPS Tapped Bushing w/Set Screw	10083-16	250W 250V
Removable Turn Knob—Electrolier; 2-Circuit; 3 Terminal; 1/8 IPS Tapped Bushing less Set Screw	7070	250W 250V
Removable Turn Knob—Electrolier; 2-Circuit; 1/8 IPS Tapped Bushing	7090	250W 250V
Pull Chain—Electrolier; Single Circuit; 1/8 IPS Tapped Bushing w/Set Screws	19980	660W 250V
Push Through—Electrolier; Single Circuit; 1/8 IPS Tapped Bushing w/Set Screw	7080	660W 250V
Keyless—Electrolier; Single Circuit; 1/8 IPS Tapped Bushing w/Set Screw	8004	660W 250V
Keyless—Short Electrolier; Single Circuit; 1/8 IPS Tapped Bushing w/Set Screw	9347	660W 250V

9346

Metal Shell Lampholders
Interiors — Medium Base, Phenolic Body, Aluminum Screw Shell‡ ⓤ ⓢ

LAMPHOLDER	CAT. NO. INTERIOR
19980	19980-M†
10083-16	10083-M†
7070	7070-M†
7090	7090-M†
9346	9346-M†
6098	7080-M†
8004	8004-M†

7090

Brown Phenolic Cap and Shell Lampholders
Two-Piece, Medium Base Electrolier Interiors ⓤ ⓢ

DESCRIPTION	CAT. NO.	RATING	INTERIORS‡
Pull Cord (nylon); 2-Circuit, ⅛ IPS Threaded Cap w/Set Screw	97092	250W 250V	7092-2M†
Push-Through; ⅛ IPS Threaded Cap w/Set Screw	95110	660W 250V	7080-M†
Keyless; ⅛ IPS Threaded Cap w/Set Screw	95080	660W 250V	8004-M†

†UL Recognized component.
NOM Certified except where indicated by‡.

7080

95110

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.
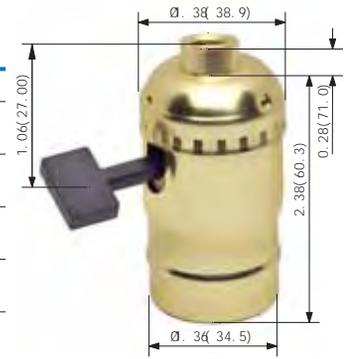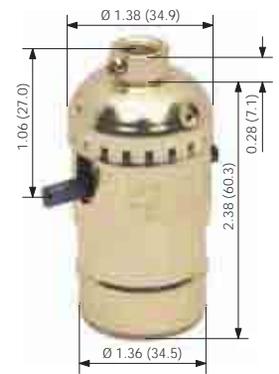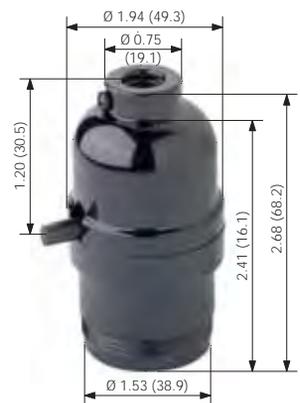
Incandescent Lampholders

Medium, Candelabra Base, Par Connectors—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	1 5/16	5/16	—	—	
2-Light Twin 1/8 IPS Male (top & bottom)	**4015-D4F**	660W 250V	1 11/16	5/16	1 11/16	7/16	3 3/8
2-Light Offset 1/8 IPS Male (top & bottom)	**4032-E5F**	660W 250V	1 3/4	5/16	1 3/4	7/16	3 11/16
3-Light 1/8 IPS Male (top & bottom)‡	**341-D4U**	660W 250V	1 3/4	1/2	1 3/4	7/16	3 1/2
2-Light Offset 1/8 IPS Male (top); Pullchain Switch (bottom) with 1/2" usable shank★	**4034-F5A**	660W 250V 1A 125V T	1 3/4	5/16	1 15/16	1/2	3 3/4 +
2-Light Twin 1/8 IPS Male (top); Pullchain Switch (bottom) 3/8" usable shank★	**4017-D2F**	660W 250V 1A 125V T	1 1/16	5/16	1 11/16	3/8	2 13/16 +

+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‡.

T 1.69 (42.8)   **B** 1.81 (46.0)
TA 0.31 (7.9)   **BA** 0.38 (9.5)
BLACK   WHITE

4017-D2F

B 1.75 (44.5)   **T** 1.75 (44.5)
BA 0.44 (11.1)   **TA** 0.31 (7.9)
BLACK   WHITE

4032-E5F

T 1.75 (44.5)   **B** 1.94 (49.2)
TA 0.31 (7.9)   **BA** 0.50 (12.7)
BLACK   WHITE
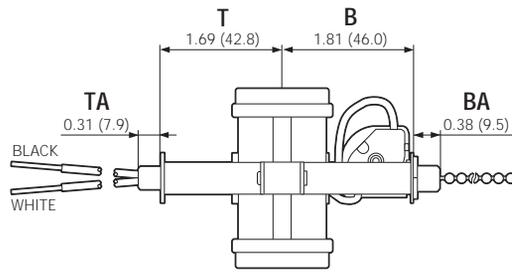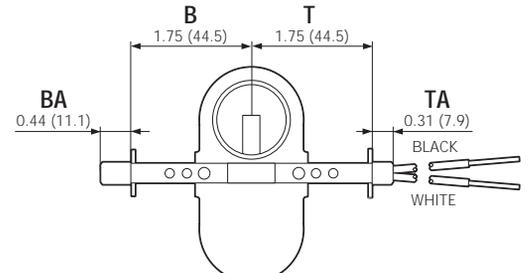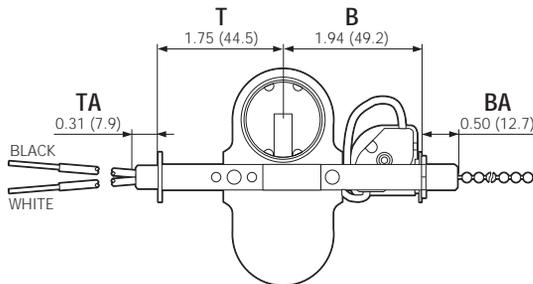
4034-F5A

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)

Mogul Base Incandescent Lampholders

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 1³/₈" Centers	**8746**	1500W 600V 5KV Pulse-rated	2¹/₈	3¹/₆₄
Keyless, Single Circuit. Positon-oriented. For Super Metalarc HID lamps. 8-32 Mounting Screws on 1³/₈" Centers	**8750**	1500W 600V	2⁵/₃₂	2³⁹/₆₄
Keyless, Single Circuit. For high-pressure sodium lamps up to 400 watts. 8-32 Mounting Screws on 1³/₈" Centers	**8756**	1500W 600V 4KV Pulse-rated	2⁵/₃₂	2³⁹/₆₄
Low Pressure Sodium. For use with all single-end bayonet base low pressure sodium lamps★‡	**8806**	660W 1000V	1³/₈	1⁵/₈
Designed for Open-Fixture Shielded Metal Halide Lamps. Complies with NFPA 70-2005 for Open-Rated Fixtures. 8-32 Mounting Screws on 1³/₈" Centers	**8751**	1500W 600V, 4KV Pulse Rated	2⁵/₃₂	2³⁹/₆₄

Leads types, lengths and ratings vary with the end use applications. Standard leads as well as variations available on inquiry.

8746

Screw Terminals ⓊⓁ Ⓒ®

DESCRIPTION	CAT. NO.	RATING	OD	OH
Keyless; 2-Piece; Single-Pole★	**8765**	1500W 600V	2⁵/₁₆	2²³/₆₄
Keyless;. Single Circuit with 8-32 Lock Nuts on 1³/₈" Centers. Die-cast caps available upon request	**8694**	1500W 600V	2⁵/₃₂	2³⁹/₆₄

CSA Certified except where indicated by★, and NOM Certified except where indicated by‡.

8750

8694

8806
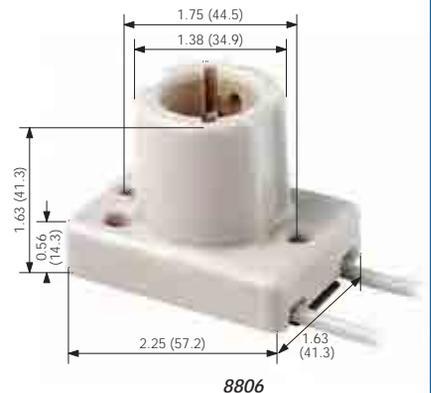
SPECIFICATIONS AND FEATURES

- 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

Medium, Mogul and Candelabra Base Incandescent Lampholders

Incandescent Lampholders

2005

19062

9880

Socket Extensions — Single Circuit
Medium–Medium ⓊⓁ ⒮

DESCRIPTION	CAT. NO.	RATING
2-Piece Porcelain; Mounting Hole 1³⁄₈" Dia. Extension 1¼"*	**2004**	660W 250V
1-Piece Porcelain; Slotted Mounting Hole 1³⁄₈" Dia. Extension 1¼"*	**2005**	660W 250V
1-Piece Phenolic. Extension 1³⁄₁₆"**	**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 2³⁄₈"‡	**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	1⁷⁄₁₆	⁷⁄₈	1¹⁄₈
Miniature Base, Plastic. Not UL Listed★‡	**10020**	75W 125V	1⁵⁄₁₆	⁷⁄₈	³¹⁄₃₂
Medium Base, Phenolic	**9063**	660W 250V	1⁷⁄₈	1½	1¹⁵⁄₁₆
Medium Base, Porcelain	**19062**	660W 250V	1⁷⁄₈	1½	1¹⁵⁄₁₆

Surface Type ⓊⓁ ⒮

DESCRIPTION	CAT. NO.	RATING	OD	OH	C
Medium Base; Porcelain; Low 2-Piece	**9880**	660W 250V	2⁵⁄₁₆	1½	1³⁄₈
Medium Base; Porcelain; High 2-Piece★‡	**9882**	660W 250V	2⁵⁄₁₆	1⁷⁄₈	1³⁄₈

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)

Medium Base Incandescent Lampholders

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"	8880	660W 250V	1 11/16	1 1/2
1-Piece, Front Mounted. Shallow Back. Panel Thickness: .030 –.062"	8875	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.	10045	660W 250V	1 1/2	2 1/8
Beaded Body for 1 1/2" Clamp Style Shadeholder with Cap. Screw Terminals.	10065	660W 250V	Body 1 1/2 Bead 1 5/8	2 1/8
Adjustable Glass Retaining Ring with Cap and Ring Nut. Screw Terminals.	20070	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	10085	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".	9885	660W 600V	1 5/8	1 7/16
2-Piece, Ring Type	9350	660W 250V	1 3/4	1 3/8
1-Piece with Removable Strap★	8871	660W 250V	1 11/16	1 9/16
Fixture Pan Lampholder with 1/8" IPS Hickey	3152-8	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"	8101	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"	18315	660W 250V	—	—
Removable Bracket with Leads	8052-1	660W 250V	1 3/8	1 7/16
Screw-Mount Pulse-Rated Lampholder with Leads for Open-Fixture Lamps; 18 AWG 200ºC 600V SEW-2 (SF-2) wire; 9" Long, Stripped 1/2"	70052-100	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★‡	9814	250W 250V	1 13/16	1 13/16

CSA Certified except where indicated by★, and NOM Certified except where indicated by‡.

8880

10085

3152

8101

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)
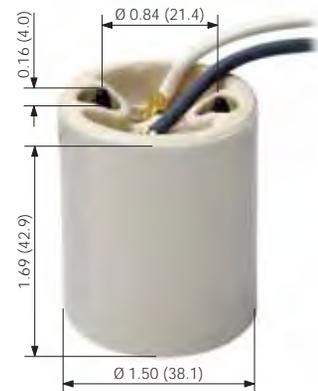
Incandescent Lampholders

Medium Base, Metal Halide and Quartz Halogen Incandescent Lampholders

Incandescent Lampholders

3352-1

4005

554

560

Phenolic Keyless Fixture — Medium Base

Screw Terminals Ⓤ ℗ℝ

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 Ⓤ ℗ℝ

DESCRIPTION	CAT. NO.	RATING
Single Lampholder w/Side Outlet Bushing—1/8 IPS	10091	660W 250V
Twin Lampholder w/Bushed Flange—1/8 IPS	4010	660W 250V
Twin Lampholder w/Single Outlet Bushing—1/8 IPS	4005	660W 250V
Same as 4005 with 3/8 IPS Bushing	4006	660W 250V

All bushings are tapped and have set screw
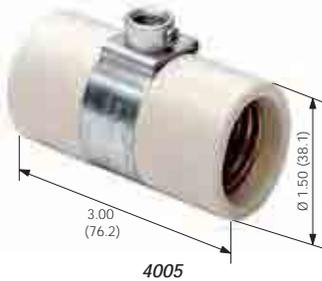
Candle Sockets, Bottom Turn Knob — Medium Base

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 Ⓤ ℗ℝ

DESCRIPTION	CAT. NO.	RATING
Front Flange Mount. Standard Leads are No. 18 AWG, Type SEW-2, 200°C, 18" Long, Stripped 3/4"‡	554	3000W 600V
Rear Flange Mount. Same Leads and Specs as No. 554‡	555	3000W 600V
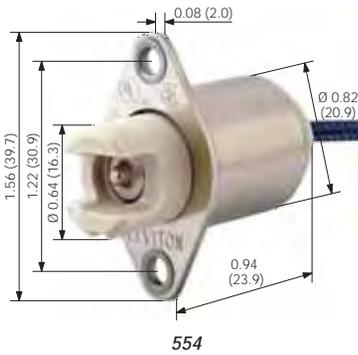
Lampholders for Metal Halide and Quartz Halogen Lamps Ⓤ ℗ℝ

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, 200ºC 600V Wire, 12" Long, Stripped 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 250ºC 600V, 6" Long, Stripped 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 (1¹⁵/₁₆" dia.) and require a minimum of ¹³/₁₆" 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: 2⁷/₁₆"	**9805-A***	250W 250V

NOTE: These items are designed for use with standard socket candle tubes (1¹⁵/₁₆" dia.) and require a minimum of ¹³/₁₆" 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 hickeys tapped ⅛ 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

Incandescent Lampholders

Candelabra and Medium Base Incandescent Lampholders

Ø 0.78 (19.8)

2.09 (53.1)

LEVIT
75W-1
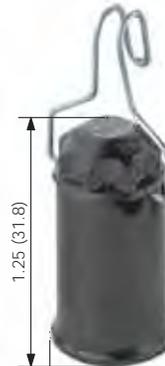
20025

Candle Sockets — Porcelain

Candelabra Base Screw Terminals Ⓤ

DESCRIPTION	CAT. NO.	RATING
Solid Hickey.* Overall Height: 2³/₃₂"★‡	**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.

1.25 (31.8)

Ø 0.75 (19.0)

267

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.

1.88 (47.8)

Ø 1.5 (38.1)

167

Ø 1.64 (41.7)

2.12 (54.0)

55

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

For High Output Lamps — Recessed Double Contact, Pedestal Type ⓊⓁ Ⓢ®

DESCRIPTION	CAT. NO. PLUNGER	CAT. NO. FIXED	RATING
Screw Mount, Push-in wiring.*	13464	13465	660W 600V
Same as 13464/13465 except with Internal Shunt Connection for Electronic Ballasts*	23464	23465	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

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

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

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

13464

2536

2537

396
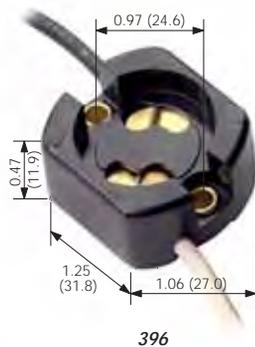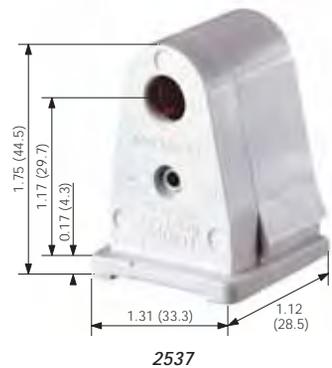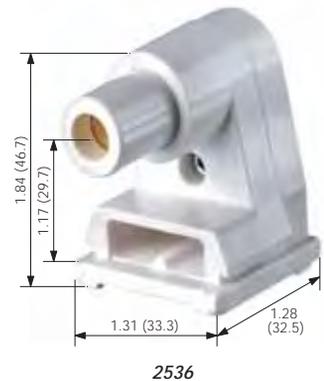
SPECIFICATIONS AND FEATURES
- Silver-plated copper alloy contacts
- Quickwire terminals accept No. 18 AWG twisted and tinned, solder-dipped or solid leads
- Lampholders are white, starter bases are black

TESTING AND CODE COMPLIANCE
- UL Listed (File #E-5833)
- CSA Certified (File #LR-1863; LR-5863; LR-2200)
- NOM Certified (#057)

Fluorescent Lampholders

Medium and Miniature Bi-Pin Lamps—Linear Fluorescent Lampholders

1.25 (31.8)
0.97 (24.6)
1.22 (31.0)
0.53 (13.5)
0.44 (11.1)

395-W

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**	——	660W 1000V
	——	**517**	660W 600V
Medium Bi-Pin, Stainless Steel Coverplate & Clip	**13518**	——	660W 600V
	——	**13519**	660W 600V
Medium Bi-Pin, Same as above, with Internal Shunt for Use with Electronic Ballasts	**23518**	——	660W 600V
	——	**23519**	660W 600V
High Output 800mA and 1500mA‡	**523**	——	660W 600V
	——	**524**	660W 600V

NOM Certified except where indicated by‡

1.28 (33.5)
0.75 (19.1)
0.66 (16.7)
0.48 (12.3)

420-W

13518 — see diagram right

0.64 (16.3)

Ø1.64 (41.7)

0.55 (14.0)

47.75 (1212.9) FOR 48" LAMPS

13518 PLUNGER STYLE

13519 STATIONARY STYLE

Medium Bi-Pin Spacing

R 0.813 (20.64)
0.188 (4.76)
45°
1.52 (38.50)
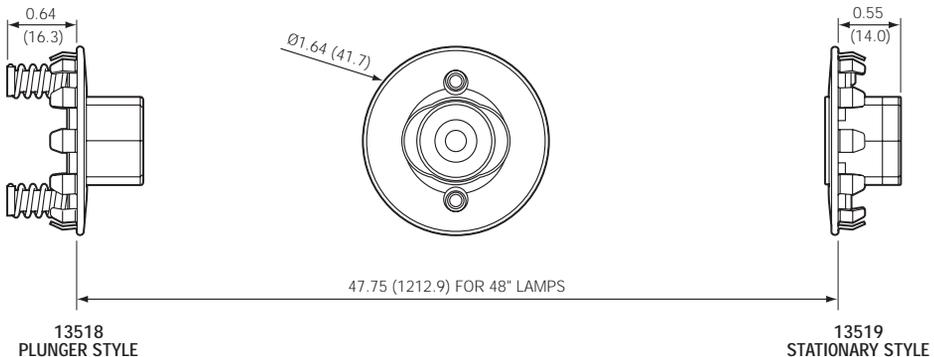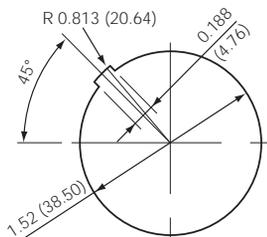
KEY for 13518/13519

PANEL OPENING FOR 13518/13519
PANEL THICKNESS 0.035-0.050 (0.89-1.27)

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

13351-D
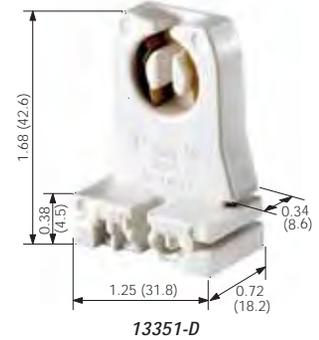
For Medium Bi-Pin Lamps — Straight-In

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
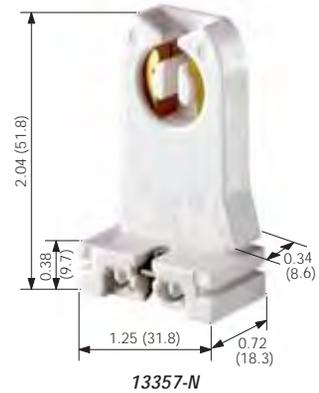
For Medium Bi-Pin Lamps — Snap-In/Slide-On Design and Lamp-Lock

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

13357-N

13653-WP

NOTE: Also available with bottom push-in wiring. Contact your Leviton representative for further details.

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
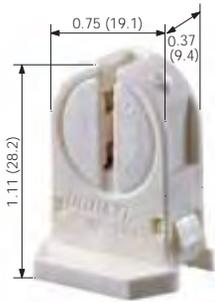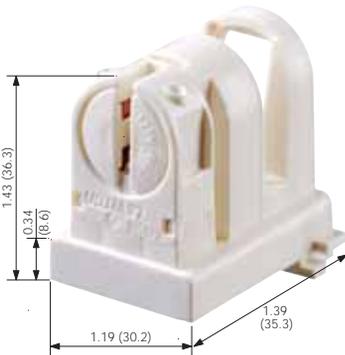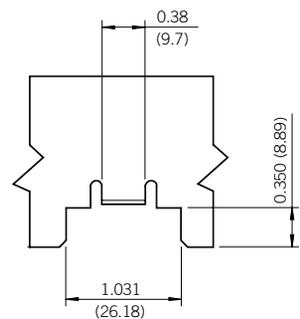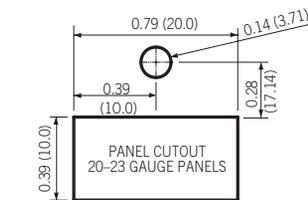
Recommended Panel Opening for all -WP, -NP Medium Bi-Pin Snap-In/Slide-On Lampholders

Recommended Panel Opening for Medium Bi-Pin Turn-Type Lampholders
This is only a recommendation — lampholder will function over a wider range

Recommended Panel Opening for all -WWP, -WNP wide-wing models

Fluorescent Lampholders

Medium and Miniature Bi-Pin Lamps—Linear Fluorescent Lampholders

Fluorescent Lampholders

0.75 (19.1)
0.37 (9.4)
1.11 (28.2)

13654-SNP

1.43 (36.3)
0.34 (8.6)
1.19 (30.2)
1.39 (35.3)

13654-EXL

1.43 (36.3)
0.34 (8.6)
1.19 (30.2)
1.19 (30.2)

13654-EXS

For Medium Bi-Pin Lamps — Slide-On Design and Lamp-Lock ⓊⓁ Ⓒ®

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 ⓊⓁ Ⓒ®

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 ⓊⓁ Ⓒ®

DESCRIPTION	CAT. NO.	RATING
Long T-8 to T-5 Adapter, converts existing T-8 fixtures to accept energy-efficient T-5 lamps; with Lamp Lock. *Specify lamp length for proper ordering*	**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. *Specify lamp length for proper ordering*	**13654-EXS**	120W-600V

0.38 (9.7)
0.350 (8.89)
1.031 (26.18)

Recommended Panel Opening for Medium Bi-Pin Slide-On Lampholders

0.79 (20.0)
0.14 (3.71)
0.39 (10.0)
0.28 (17.14)
0.39 (10.0)

PANEL CUTOUT 20–23 GAUGE PANELS

Recommended Panel Opening for Miniature Bi-Pin Snap-In/Slide-On Lampholders

0.375 (9.53)
1.02 (25.9)

Recommended Panel Opening for T-8 to T-5 Adapter

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

13453 and 23453

13453

23453

PANEL-THICKNESS
.023-.039 (0.58–0.99)
MAX., INCLUDING PAINT

Recommended Panel Opening for 13453, 23453, 13454 and 23454

13454 and 23454

13454

23454
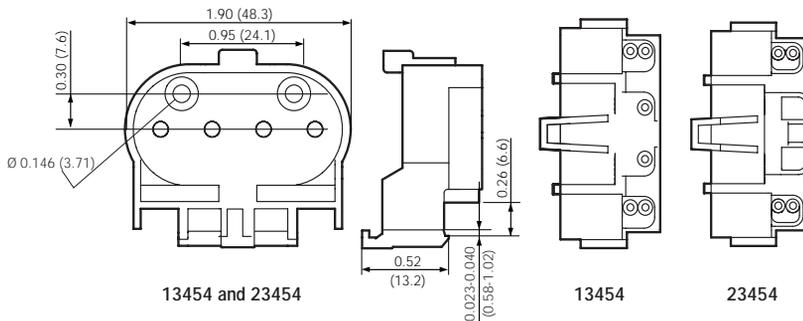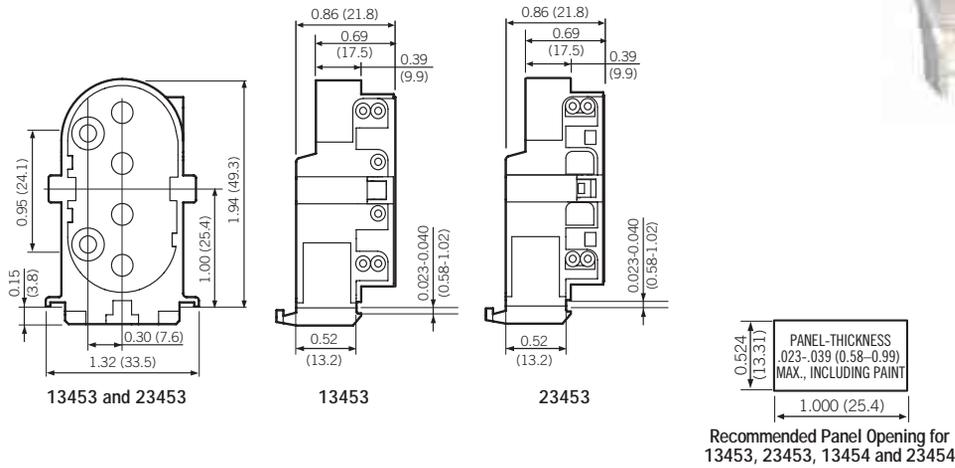
SPECIFICATIONS AND FEATURES

- 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)
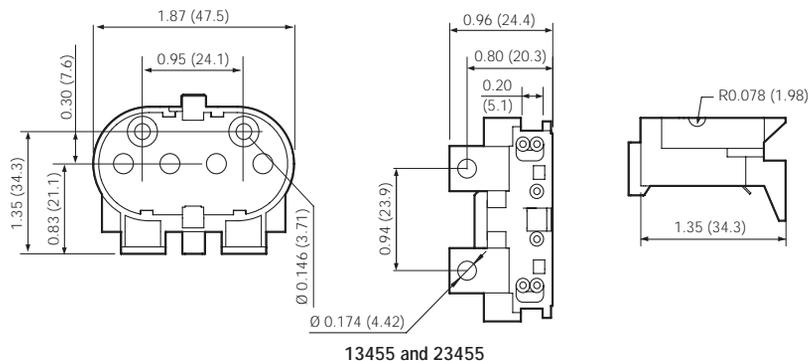
13455 and 23455

Fluorescent Lampholders

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.

0.20 (5.1)

SUGGESTED PANEL CUTOUT
FOR LAMP SUPPORT CLIPS

Ø0.218 (5.54)

0.62 (15.7)

0.17

0.43 (10.9)

0.43 (10.9)

PANEL THICKNESS
.023-.039 (0.58-0.99) MAX.
INCLUDING PAINT
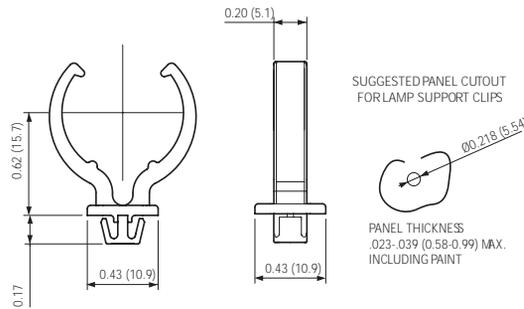
Vertical Lamp Support Clip—23452-V

0.20 (5.1)

0.78 (19.8)

R0.37(9.4)

0.83 (21.1)

1.12 (28.4)

0.17 (4.3)

0.43 (10.9)

0.65 (16.5)

Horizontal Lamp Support Clip—23452-H

PLASTIC SUPPORT

METAL CLIP

0.56 (14.2)
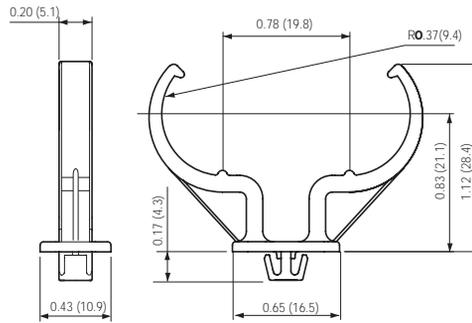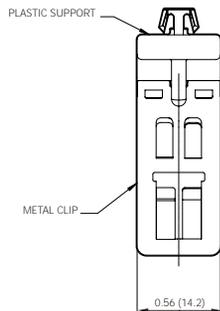
**Horizontal Lamp Support Clips
23452-MTS, 234452-MTL**

0.69 (17.5)

1.31 (33.3)
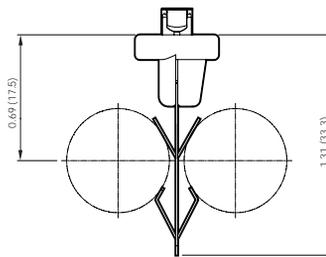
**Horizontal Lamp Support Clip, Short
23452-MTS**

0.83 (21.0)

1.45 (36.8)
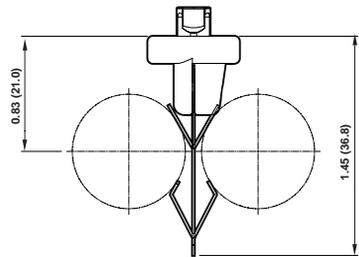
**Horizontal Lamp Support Clip, Tall
23452-MTL**

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

1.01 (25.65)
0.88 (22.35)
1.40 (35.56)
0.68 (17.27)
0.69 (17.53)
0.13 (3.30)
0.39 (9.91)
0.77-0.79 (19.56-20.06)
0.39 (9.91)

NOTE: PUNCH PANEL FROM THE DIRECTION OF LAMPHOLDER INSERTION. RECOMMENDED PANEL THICKNESS 0.023-0.039 (0.58-0.99) MAX INCLUDING PAINT

Horizontal Snap-In CFLs 26720-100 Shown

0.13 (3.30)
0.68 (17.27)
1.23 (31.24)
1.33 (33.78)
1.22 (30.99)
1.40 (35.56)
0.22 (5.59)
0.56 (14.22)
R 0.41 (10.41)
0.22 (5.59)
0.87 (22.10)
1.22 (30.99)
1.39 (35.31)
PANEL CUTOUT

NOTE: PUNCH PANEL FROM THE DIRECTION OF LAMPHOLDER INSERTION. RECOMMENDED PANEL THICKNESS 0.023-0.039 (0.58-0.99) MAX INCLUDING PAINT

Vertical Top Snap-In CFLs 26720-300 Shown

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)

1.09 (27.8)
1.20 (30.6)
1.40 (35.6)
1.00 (25.4)
0.81 (20.6)
0.22 (5.5)
1.00 (25.4)
Ø 0.19 (4.75)
0.81 (20.6)

NOTE: RECOMMENDED MOUNTING SELF-THREADING #8 SCREW

RECOMMENDED PANEL OPENING

4-Hole Vertical Screw-Down CFLs — 26720-400 Shown

Fluorescent Lampholders
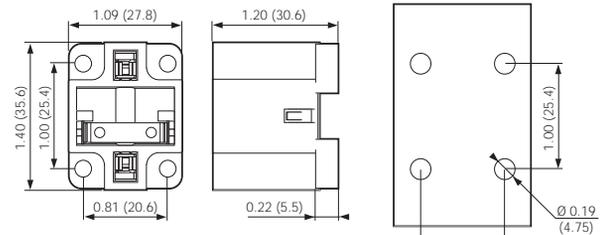
Compact Fluorescent Lampholders (CFLs)

Fluorescent Lampholders

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
Bottom Snap-In						
For 16 Ga. Panels For 18-20 Ga. Panels	**26725-201** **26725-221**	White w/Black	G24d-1	PL-C 10W, 13W	DULUX D 10W, 13W	DOUBLE BIAX 10W, 13W
For 16 Ga. Panels For 18-20 Ga. Panels	**26725-202** **26725-222**	Green	G24d-2	PL-C 18-W	DULUX D 18W	DOUBLE BIAX 18W
For 16 Ga. Panels For 18-20 Ga. Panels	**26725-203** **26725-223**	Orange	G24d-3	PL-C 26W	DULUX D 26W	DOUBLE BIAX 26W
Bottom Screw-Down						
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
Bottom Snap-In						
For 16 Ga. Panels For 18-20 Ga. Panels	**26725-401** **26725-421**	White w/Black	G24q-1	PL-C 10W, 13W	DULUX D/E 10W, 13W	DOUBLE BIAX 10W, 13W
For 16 Ga. Panels For 18-20 Ga. Panels	**26725-402** **26725-422**	Green	G24q-2	PL-C 18W	DULUX D/E 18W	DOUBLE BIAX 18W
For 16 Ga. Panels For 18-20 Ga. Panels	**26725-403** **26725-423**	Orange	G24q-3, GX24q-3 26W, 32W	PL-C 26W PL-T 26W, 32W	DULUX D/E DULUX T/E 26W	DOUBLE BIAX
For 16 Ga. Panels For 18-20 Ga. Panels	**26725-404** **26725-424**	Yellow	GX24q-4	PL-T 42W	DULUX T/E 42W	PERFORMANCE BIAX 42W
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
Bottom Screw-Down						
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 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

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 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)

0.267 (6.78)
0.062 (1.57)
1.400 (35.56)
0.360 (9.14)
0.560 (14.22)

RECOMMENDED PANEL THICKNESS 18–20 GA.

1.37 (34.80)
0.15 (3.81)
KEYWAY
1.40 (35.56)
0.68 (17.27)
1.40 (35.56)

Bottom Snap-In CFLs for 18–20 Ga Panels 26725-421 Shown

0.68 (17.3)
1.36 (34.6)
1.0 x 3 (27.0)
1.40 (35.6)

1.29 (32.7)
0.81 (20.6)
1.00 (25.4)

RECOMMENDED MOUNTING HOLE PATTERN 4-Hole Bottom Screw-Down CFLs 26725-213 Shown
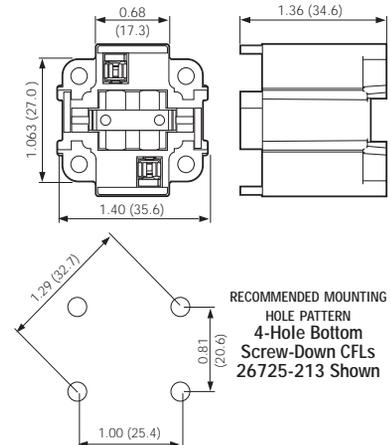
10mm Compact Fluorescent Lampholders for High-Wattage Lamps

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

4-Hole Bottom Screw-Down CFLs 26725-415 Shown
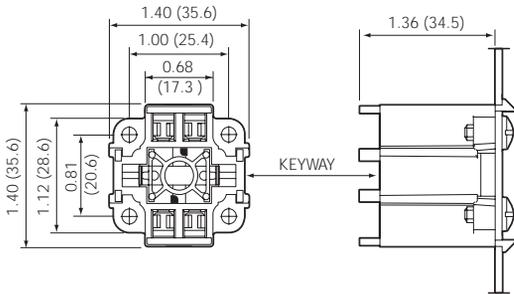
RECOMMENDED MOUNTING SCREW #8 SELF-CUTTING

RECOMMENDED HOLE PATTERN

Bottom Snap-In CFLs for 18–20 Ga Panels 26725-426 Shown
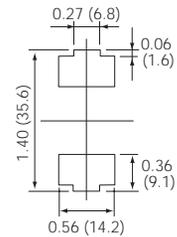
SPECIFICATIONS AND FEATURES
- "Smart" CFL Lampholders are color-coded for easy wattage identification
- Bottom Snap-In versions for easier panel assembly available for 16 Ga. and 18–20 Ga. panels
- All 4-pin lampholders have internal rejection feature that prevents insertion of 2-pin lamps
- Metal-spring 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)

26725-426

Fluorescent Lampholders

Compact Fluorescent Lampholders (CFLs)

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
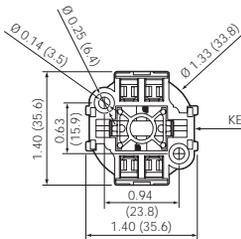
26725-4A2
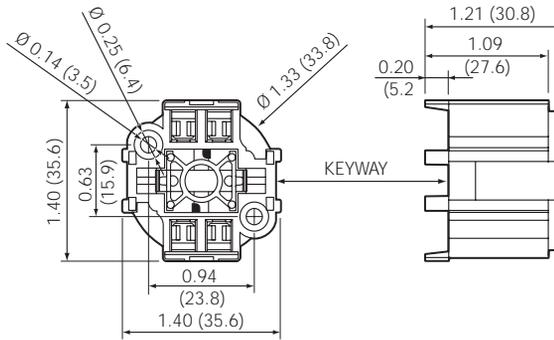
26725-4A3

26725-4A5

All Round-Body CFLs
26725-4A5 Shown
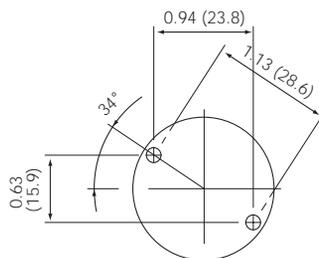
RECOMMENDED PANEL OPENING FOR ALL ROUND-BODY CFLs

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 Index

LEVITON

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

1689-75

10041-500

10097-8

90572

Single Pole Pull Chain Switches

3 AMP 125V AC-L 6 AMP 125V AC 3 AMP 250V AC ¼ 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—HEAVY DUTY PULL CHAIN SWITCH
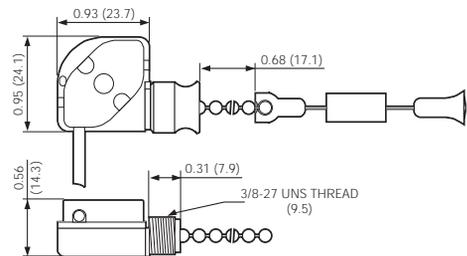
10097-8—COMPACT PULL CHAIN SWITCH

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"
- 3³/₄" 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 ¹¹/₃₂" 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

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

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

Appliance Switches
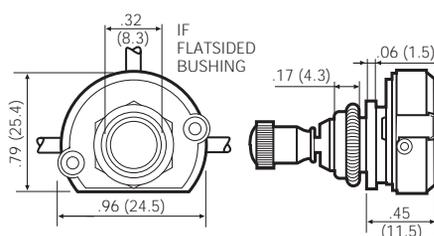
573—TWO CIRCUIT ROTARY SWITCH
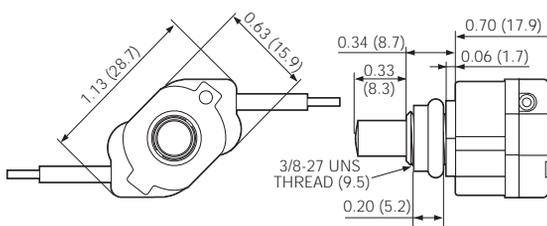
9575-250—SINGLE CIRCUIT PUSHBUTTON SWITCH

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

Commercial Grade Appliance Switches

Pushbutton Switches Fluorescent Starter

40 WATT 125V AC Ⓤ Ⓢ®

DESCRIPTION	CAT. NO.	SEQUENCE
Metal Button, 2 Black, 2 Blue Leads	**388**	ON-OFF
Plastic Button, 2 Black, 2 Blue Leads	**9382**	ON-OFF

388

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	**735**	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.	**720-L5**	ON-OFF
Same as above, with Molded Nylon Bat Toggle. Meets UL requirements for double insulated applications	**1720-T**	ON-OFF

735

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.	**738**	ON-OFF
Similar to Cat. No 738, with Black Molded Nylon Bat Toggle. No. 16 AWG leads. For double insulated applications	**1738**	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	**5731**	ON-OFF
Single-Throw Heavy-Duty Aluminum Bat Toggle. Stamped with ON-OFF marking. Quick connect tabs	**5721**	ON-OFF

1720-T

5731
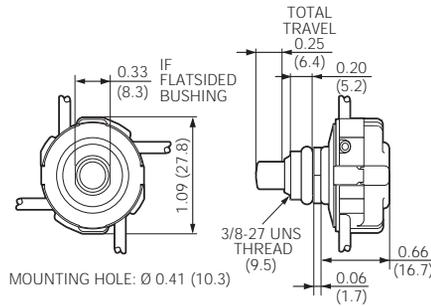
388—FLUORESCENT STARTER SWITCH

735—SINGLE POLE TOGGLE SWITCH

MOUNTING HOLE: Ø 0.41 (10.3)

MOUNTING HOLE: Ø 0.50 (12.7) PLUS KEY
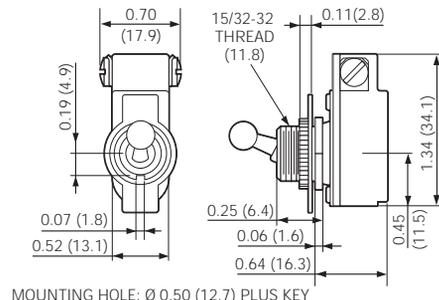
SPECIFICATIONS AND FEATURES

Cat. Nos. 388, 9382
- Bushing 3/8-27 x 11/32" long; panel opening 13/32" dia.

Cat. No. 735
- Bushing 15/32-32 x 1/4" long

Cat. No. 720-L5
- Bushing 15/32-32 x 1/4" long

Cat. No. 1720-T
- Bushing 15/32-32 x 11/32" long

Cat. Nos. 1738, 738
- Bushing 15/32-32 x 11/32" long; panel opening 1/2" dia.

Cat. Nos. 5731, 5721
- Bushing 15/32-32 x 31/64" long. Bat-type toggle extends 11/16" 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 ½ H.P. 125V

DESCRIPTION	CAT. NO.	SEQUENCE	COLOR*
			Basic Cat. No. denotes Brown
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

5410-W

Miniature Feed-Through Cord Switch

6 AMP 125V 3 AMP 125VT 3 AMP 250V

DESCRIPTION	CAT. NO.	COLOR*
		Basic Cat. No. denotes Brown
Miniature Single Pole, ON-OFF Sequence, Captive Screw. For use with #18 ga. SPT-1 conductors	423-3	I, W

423-3I
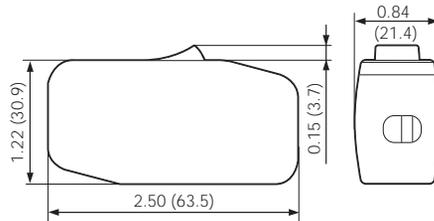
5410—FEED-THROUGH SWITCH

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

Appliance Switches

HOW TO USE THIS CATALOG

The L-101 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-101 Catalog can be clearly copied or faxed to customers and prospects for use as a specifier 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.

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

T

6

Electrical Accessories and Decorative Devices

INDEX

Electrical Accessories and Decorative Devices Index

LEVITON

Residential Grade Devices

1469-W

69-W

692-W

698-W

1403-W

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

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	
Single-to-Triple Right Angle, 3 round or flat plugs accepted★	65	I, W	1-15R
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	
3-Wire, Grounding Single-to-Triple, 3 straight or angle plugs accepted H	697	I, W	
3-Wire, Grounding Single-to-Triple, Vinyl, 3 straight or angle plugs accepted	699	Orange only	5-15R
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	
Lampholder-to-Outlet	125	I, W	
Keyless Lampholder and 2 Outlets	1403	I, W, E	1-15R
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★

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 120V ⓊⓁ ⓢⓅ

DESCRIPTION	CAT.NO	COLOR
Automatic ON/OFF with 360° rotating head directs light and varies intensity (2.4W)	49566	W
LED Automatic ON/OFF with 360° rotating head directs light and varies intensity (.5W)	49566-LED	W

Automatic Night Light 4 WATT 125V ⓊⓁ ⓢⓅ

DESCRIPTION	CAT.NO	COLOR* (Night Light Base)
Automatic ON/OFF sensor with sleek, contemporary styling	48568	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 125V ⓊⓁ ⓢⓅ

DESCRIPTION	CAT.NO	COLOR
Sound-Activated with adjustable sensitivity (4W)	51012	W
LED Sound-Activated with adjustable sensitivity (.5W)	51012-LED	W

Decorative Shade LED Night Lights .5W 120V ⓊⓁ ⓢⓅ

DESCRIPTION	CAT.NO	COLOR
49563 Series—Consult your Leviton representative for available shade designs	49563	W

Leviton's Energy Smart Living Program
Leviton offers a broad range of energy-efficient lighting devices for homes and businesses. From dimmers, timers and motion sensors to night-lights and more, Leviton has the electrical products you need to save energy and conserve resources. Look for the Energy Smart Living logo, your assurance of an environmentally friendly lighting product. For more information, visit our website at www.leviton.com.

48568-W

48580-WHT

51012

49563-SWL

49563-PLM

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

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).

Residential Grade Devices

49568

6511-6

6516

12540

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

Utility Lights Ⓤ Ⓢ

DESCRIPTION	CAT.NO	COLOR
6" Battery-Operated Fluorescent Light—With 4W replaceable bulb. Requires 4 AA batteries (not included). 6V DC Jack for use with AC/DC adapter (Sold separately)	**6511-6**	(White base only)
6" Battery-Operated Closet Utility Light with ON/OFF switch (2 pack)—Requires 3 AA batteries (not included)	**6516-2PK**	(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	**48500**	(White base only)

Outlet Caps Ⓤ Ⓢ

DESCRIPTION	CAT.NO	COLOR
Outlet Caps—12 Pack	**12777**	White only

Tamper Resistant Receptacles 15 AMP 125V 2-Pole 3-Wire Grounding Ⓤ Ⓢ

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Tamper Resistant Receptacle	**5321**	I, W	5-15R

Electrical Accessories Ⓤ Ⓢ

DESCRIPTION	CAT.NO	COLOR
Insulated Staples—$5/8$" long, for use with 18/2 or smaller cord (40 Pieces)	**12533**	White
Plastic Staples—for $1/2$" 14/2 & 12/2 NM Cable (50 Pieces)	**12536**	White
Wiring Fasteners—Includes $1/2$" Plastic Staples, Coax Cable Fasteners and $1/2$" X 1" Metal Staples (47 Mixed Pieces)	**12537**	White/Black/Metal Mix
NM Cable Fittings—$3/8$" dia. for 14/2, 14/3 & 12/3 NM Cable (4 Pack)	**12538**	——
8" Cable Ties—Holds wires, cables, bundles and hoses; comes in assorted lengths and colors	**12540**	White, BL (Black) NE (Neon)

SPECIFICATIONS AND FEATURES

Guide Lights
- Energy-efficient with soft, comforting light
- Compact Neon model keeps second outlet free
- No bulb to replace in LED models

Utility Lights
- Battery operation adds light without wiring anywhere extra light is needed
- Includes adhesives for easy, anywhere mounting

Outlet Caps
- Insert into unused outlets to serve as a barrier
- Can be easily removed by adults when needed for lights and appliances

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—Straight Edge

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

Wood—Scalloped Edge

DESCRIPTION	CAT. NO.	COLOR
1-GANG, 1-Toggle	89201-CVP	Pine
2-GANG, 2 Toggle	89203-CVP	Pine
1-GANG, 1 Duplex	89209-CVP	Pine

Wood—Beveled Edge

DESCRIPTION	CAT. NO.	COLOR
1-GANG, 1-Toggle	89201-POK	Oak
1-GANG, 1-Duplex	89203-POK	Oak

Decorative Metal

DESCRIPTION	CAT. NO.	COLOR
1-GANG, 1-Toggle	89301-ATB	Antique Brass
	89301-SSS	Satin Chrome
	89601-STB	Stepped Brass
2-GANG, 2-Toggles	89309-ATB	Antique Brass
	89309-SSS	Satin Chrome
	89609-STB	Stepped Brass
1-GANG, 1-Duplex	89303-ATB	Antique Brass
	89303-SSS	Satin Chrome
	89603-STB	Stepped Brass

For the full offering of Decorative Wallplates contact your Leviton representative.

89201-OAK

89209-CHR

89203-CVP

89309-SSS

89601-STB

SPECIFICATIONS AND FEATURES

Decorative Wood and Metal Wallplates
- Genuine wood available in Oak, Cherry, Whitewash and Unfinished
- Metal available in Antique Brass, Satin Chrome White Vinyl and Stepped Brass
- 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

Electrical Accessories and Decorative Devices

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

Technical Information

INDEX

Technical Information Index

LEVITON

Technical Information

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 Official Mexicana
(Mexican Official Standard) SECOFI
Avenida Puent 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
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Technical Information

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

NFPA	National Fire Protection Agency
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
ANSI	American National Standards Institute
CANENA	Consejo de Armonizacion de Normas Electrotecnicas de Norte America (Council for Harmonization of Electrotechnical Standardization of North America)
SAE	Society of Automotive Engineers
ISA	Instrument Society of America
SME	Society of Manufacturing Engineers
ISO	International Standards Organization
ASME	American Society of Mechanical Engineers

Codes and Standards

Installation codes and product safety, performance and interchangeability standards.

NEC	National Electrical Code
NOM	Normas Oficiales de Mexicanas (Official Mexican Standard)
NMX	Normas Mexicanas
CEC	Canadian Electrical Code
CEE	European Electrotechnical Committee

Industry Associations

For the purpose of standardization, trade, and professional development, etc.

NMDA	National Marine Distributor Association
NEMA	National Electrical Manufacturers Association
ABYC	American Boat and Yacht Council
EIA/TIA	Electronics Industry Association/Telecommunications Industry Association
NAED	National Association of Electrical Distributors
NAW	National Association of Wholesalers
BICISI	Building Industry Consulting Services International
IBI	Intelligent Building Institute

EPRI	Electric Power Research Institute
NEMRA	National Electrical Manufacturers Representative Association
IAEI	International Association of Electrical Inspectors
IFMA	International Facilities Management Association
BOMA	Building Owners Management Association
SEMI	Semi-Conductor Equipment and Material International
CEMRA	Canadian Electrical Manufacturers Representatives Association
NMRA	National Marine Representative Association
EFI	Electro-Federation Incorporated
NECA	National Electrical Contractors Association
IECA	Independent Electrical Contractors Association
ECOC	Electrical Contractors of Canada
CANAME	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.

UL	Underwriters Laboratories Inc.
CSA	Canadian Standards Association
ANCE	National Association of Normalization and Certification of the Electrical Sector (Mexico)
TUV	TUV Rheinland of N.A., Inc.
VDE	Verband Deutscher Elektrotechniker (Germany)
BSI	British Standards Institute
FM	Factory Manual
NRTL	National Recognized Testing Laboratories
OSHA	Occupational Safety and Health Administration
FCC	Federal Communications Commission
DESC	Defense Electronic Supply Center
IAPA	Independent Accident and Protection Association (Canada)
CE	**European Compliance** (This is not a certification agency, but CE is the European Compliance Mark)
ETL	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 and Markings

Certification marks indicate a product has been tested to the requirements of a specific certification agency. Manufacturers may choose a particular product identity (e.g. Specification Grade) even though no outside certification agency is involved. The following table illustrates the variety of certification markings typically used for 15A and 20A Straight Blade Receptacles.

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
Spec Grade*	No Product Testing Required — Manufacturer's Term Only					Manufacturer Only
RU®	X					Underwriters Laboratories Inc. Recognized Component for OEM use.
UL®	X					Underwriters Laboratories Inc.
CSA®		X				Canadian Standards Association
UL ● Hospital Grade	X		X			Underwriters Laboratories Inc.
CSA® ● Hospital Grade		X		X		Canadian Standards Association
F UL S Fed. Spec	X				X	Underwriters Laboratories Inc. and Defense Electronic Supply Center
F UL S 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.

NOTE: The C-UL listing mark is applied to products for the Canadian market evaluated by UL to Canadian safety standards. The C-UL US listing mark indicates compliance with both U. S. and Canadian safety standards.

Cross References

The cross-reference guides supplied by manufacturers are convenient for determining compatible devices but they are not official confirmation of compliance to any standard or testing criteria. Similarly, common catalog numbers used by different manufacturers in no way imply compliance to any standard or testing criteria.

Technical Information

UL, CSA and NEMA Standards Pertaining to Leviton Devices

UL Standards Pertaining to Leviton Devices

UL20	General-use switches
UL50	Enclosures for electrical equipment
UL94	Flammability testing for materials
UL486E	Equipment and wiring terminals
UL498	Plugs, connectors, receptacles, inlets, outlets, taps and adapters
UL508	Industrial equipment (including motor control switches)
UL514A	Metallic boxes/covers/wallplates
UL514C	Non-metallic boxes/covers/wallplates
UL817	Cordsets
UL943	GFCI's
UL1363	Temporary power taps
UL1436	Outlet circuit testers
UL1449	Surge suppression devices
UL1567	Switches and receptacles used with AL wire
UL1682 & 1686	Pin & Sleeve devices
UL1776	High-pressure cleaning equipment
FS WC596F	Federal Spec receptacles
FS WS896	Federal Spec switches

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:

1. Construction	Material properties and general design
2. Performance	Mechanical and electrical testing
3. Markings	Identification of manufacturer, applicable ratings, etc.

CSA Standards Pertaining to Leviton Devices

C22,2, No. 0.17	Polymeric materials
C22.2, No. 42	General-use receptacles, attachment plugs
C22.2, No. 55	Special-use switches
C22.2, No. 111	General-use switches
C22.2, No. 182.1	Industrial-type, special-use attachment plugs, receptacles and connectors. Pin and sleeve devices
C22.2, No. 182.2	Industrial locking type

NEMA Standards Pertaining To Leviton Devices — In Accordance With NEMA Standard WD –1

WD 1-1.01 CORD CONNECTOR
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.
NEMA Standard 7-13-1967

WD 1-1.02 GROUNDED CONDUCTOR (SYSTEM GROUND)
A grounded conductor is a circuit conductor (normally current carrying) which is intentionally connected to earth ground. (It is identified as the white conductor.)
NEMA Standard 7-13-1967

WD 1-1.03 GROUNDING CONDUCTOR (EQUIPMENT GROUND)
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.)
NEMA Standard 7-13-1967

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 positon.
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 or 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 or 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."

+4 oz.
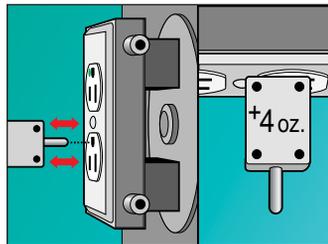
Power Blade Retention Test

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 1$\frac{1}{2}$ lbs, secured to a single .055" thick solid steel blade without holes."

1.5 lb.
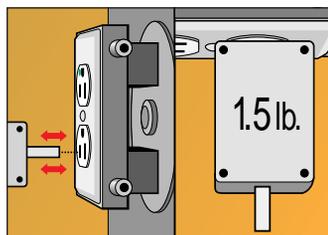
Plugs and Connectors

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.
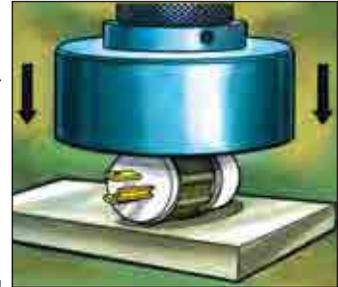
Impact Test

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 exceed 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."
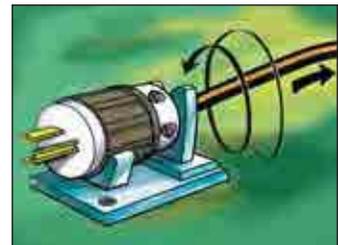
Heavy-duty cord stress is typical abuse for industrial plugs and connectors. Leviton increases the weight in the straight cord pull test to 175 lbs. with AWG 14 ST and in the rotating pull test to 20 lbs, ensuring positive strain relief under industrial conditions.

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."

Technical Information

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 B17-13 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 (CFL's) 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 $^{13}/_{32}$" 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 3/4 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 3/4 HP Rating @ 120 VAC	For 3/4 HP @ 240 VAC
Closed Circuit Volts	120 VAC	240 VAC
Current	82.8 amps	41.4 amps
Power-Factor	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 were 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.

ISOLATED-GROUNDING RECEPTACLES
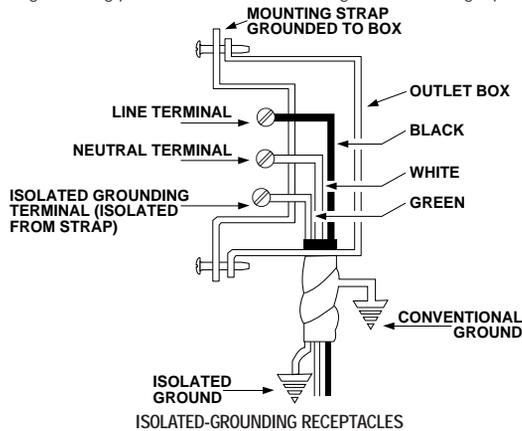
Mounting Straps

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 milliamps (±1mA). 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.

See Section H for information on Leviton's comprehensive line of Ground Fault Circuit Interrupter Devices.

UL 2006 Code Requirements (Effective July 28, 2006)

• If a miswiring (line-load reversal) occurs during installation, the GFCI must not be capable of supplying power to either the GFCI's face or to feed-through terminals

• GFCIs must provide a visual and/or audible indication OR be able to render themselves incapable of delivering power when they no longer offer ground fault protection based on a failure to pass their internal test

Note that the National Electrical Code strongly recommends monthly testing of all GFCIs.

Leviton SmartLock*PRO*® 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.
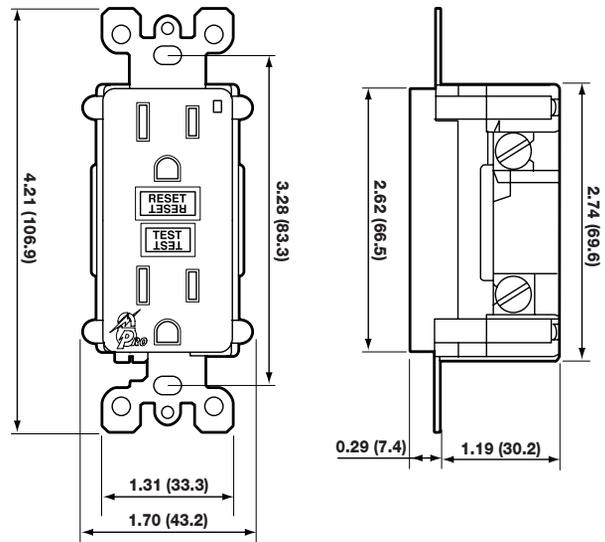
**SmartLock*PRO*® GFCI RECEPTACLE
7599 Series**

Technical Information

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
Ingress Protection	Against Ingress of Solid Foreign Objects	Against Ingress of Water with Harmful Effects
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.
Type 1	Enclosures are intended for indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
Type 2	Enclosures are intended for indoor use primarily to provide a degree of protection against limited amounts of falling water or dirt.
Type 3	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.
Type 1	Indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
Type 2	Indoor use primarily to provide a degree of protection against limited amounts of falling water or dirt.
Type 3	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.
Type 2	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.
Type 3	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.

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
Type 3R	Enclosures are intended for outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
Type 3S	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.
Type 4	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.
Type 4X	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.
Type 5	Enclosures are intended for indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping noncorrosive liquids.
Type 6	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.
Type 6P	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.
Type 12	Enclosures are intended for indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
Type 12K	Enclosures with knockouts are intended for indoor use primarily to provide a degree of protection against circulating dust, fallling dirt, and dripping noncorrosive liquids.
Type 13	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
Type 3R	Outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
Type 3S	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.
Type 4	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.
Type 4X	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.
Type 5	Indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping noncorrosive liquids.
Type 6	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.
Type 6P	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.
Type 12	Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
Type 12K	Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
Type 13	Indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and noncorosive coolant.

CANADIAN STANDARDS ASSOCIATION
CAN/ CSA C22.2 No. 94-M91
Special Purposes Enclosures

Type Designation	Intended Use and Description
Type 3R	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.
Type 3S	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.
Type 4	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.
Type 4X	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.
Type 5	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.
Type 6	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.
Type 6P	An enclosure for either indoor or outdoor use, constructed so as to provide a degrer 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.
Type 12	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.
Type 12K	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.
Type 13	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.

V

14

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 additon 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

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 trademaks of the Dupont Co.
Lexan® and Valox® are registered trademaks 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	UNG
2.2	Duplex Receptacle Outlet	UNG
2.3	Triplex Receptacle Outlet	UNG
2.4	Quadruplex Receptacle Outlet	UNG
2.5	Duplex Receptacle Outlet — Split Wired	UNG
2.6	Triplex Receptacle Outlet — Split Wired	UNG
2.7	Single Special-Purpose Receptacle Outlet	UNG
2.8	Duplex Special-Purpose Receptacle Outlet	UNG
2.9	Range Outlet (typical)	UNG R

	Grounded	Ungrounded
2.10	Special Purpose Connection or Provision for Connection (DW)	UNG DW
2.11	Multi-outlet assembly (X in)	UNG X in
2.12	Clock Hanger Receptacle (C)	C UNG
2.13	Fan Hanger Receptacle (F)	F UNG
2.14	Floor Single Receptacle Outlet	UNG
2.15	Floor Duplex Receptacle Outlet	UNG
2.16	Floor Special-Purpose Outlet	UNG

3. SWITCH OUTLETS

3.1	Single-Pole Switch	S
3.2	Double-Pole Switch	S2
3.3	Three-Way Switch	S3
3.4	Four-Way Switch	S4
3.5	Key-Operated Switch	SK
3.6	Switch and Pilot Lamp	SP
3.7	Switch for Low-Voltage switching System	SL
3.8	Maser Switch for Low-Voltage Switching System	SLM
3.9	Switch and Single Receptacle	S
3.10	Switch and Double Receptacle	S
3.11	Door Switch	SD
3.12	Time Switch	ST
3.13	Circuit Breaker Switch	SCB
3.14	Momentary Contact Switch or Pushbutton for Other Than Signaling System	SMC
3.15	Ceiling Pull Switch	S

4. RESIDENTIAL OCCUPANCIES

4.1	Pushbutton	
4.2	Buzzer	
4.3	Bell	
4.4	Combination Bell-Buzzer	
4.5	Chime	CH
4.6	Annunciator	

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				RESERVED FOR FUTURE CONFIGURATIONS						
	600V	4				RESERVED FOR FUTURE CONFIGURATIONS						
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				RESERVED FOR FUTURE CONFIGURATIONS						
	600V	9				RESERVED FOR FUTURE CONFIGURATIONS						
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				RESERVED FOR FUTURE CONFIGURATIONS						
	3Ø 600V	13				RESERVED FOR FUTURE CONFIGURATIONS						
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				RESERVED FOR FUTURE CONFIGURATIONS						
	3Ø 600V	17				RESERVED FOR FUTURE CONFIGURATIONS						
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				RESERVED FOR FUTURE CONFIGURATIONS						
	3ØY 347/600V	20				RESERVED FOR FUTURE CONFIGURATIONS						
4-POLE 5-WIRE GROUNDING	3ØY 120/208V	21				RESERVED FOR FUTURE CONFIGURATIONS						
	3ØY 277/480V	22				RESERVED FOR FUTURE CONFIGURATIONS						
	3ØY 347/600V	23				RESERVED FOR FUTURE CONFIGURATIONS						

LEVITON® *To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com*

Technical Information

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

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
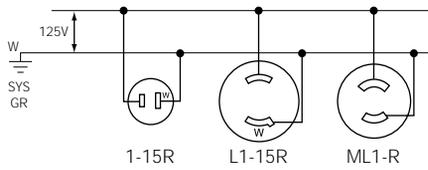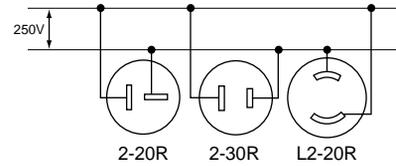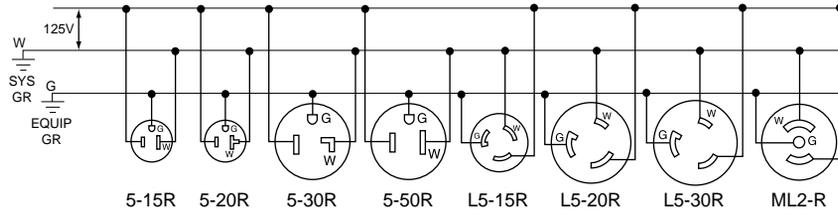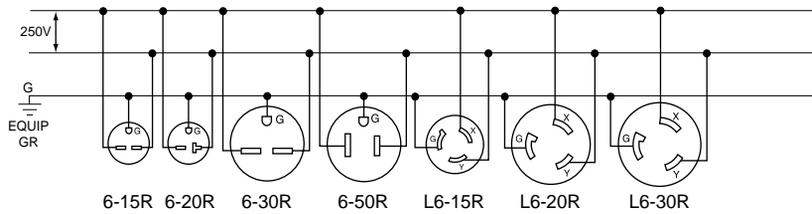
1-15R   L1-15R   ML1-R

250V — 2-POLE, 2-WIRE

2-20R   2-30R   L2-20R

125V — 2-POLE, 3-WIRE GROUNDING

5-15R   5-20R   5-30R   5-50R   L5-15R   L5-20R   L5-30R   ML2-R

250V — 2-POLE, 3-WIRE GROUNDING

6-15R   6-20R   6-30R   6-50R   L6-15R   L6-20R   L6-30R
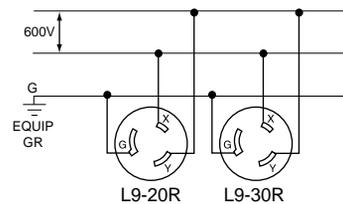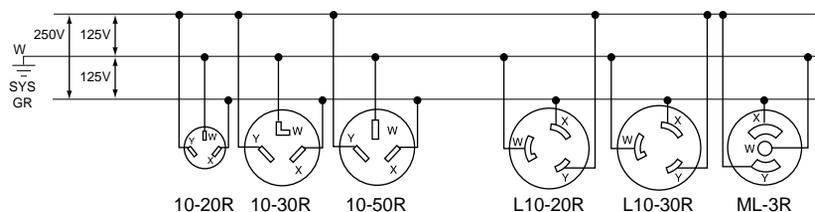
277V AC — 2-POLE, 3-WIRE GROUNDING

7-15R   7-20R   7-30R   7-50R   L7-15R   L7-20R   L7-30R

480V AC — 2-POLE, 3-WIRE GROUNDING

L8-20R   L8-30R

600V AC — 2-POLE, 3-WIRE GROUNDING

L9-20R   L9-30R

125/250V — 3-POLE, 3-WIRE

10-20R   10-30R   10-50R   L10-20R   L10-30R   ML-3R

Technical Information

Circuit Wiring Diagrams

WIRING DIAGRAMS FOR NEMA CONFIGURATIONS

3Ø 250V — 3-POLE, 3-WIRE
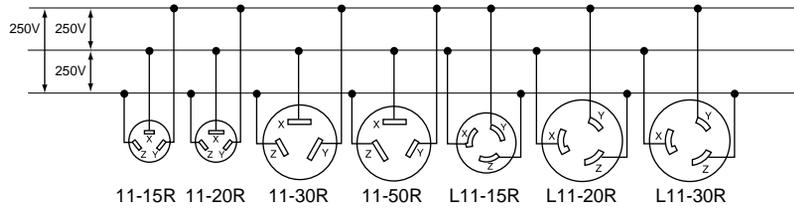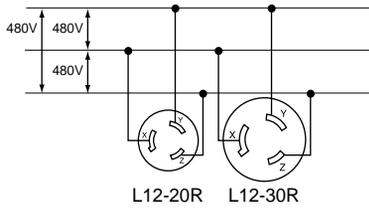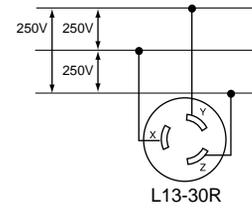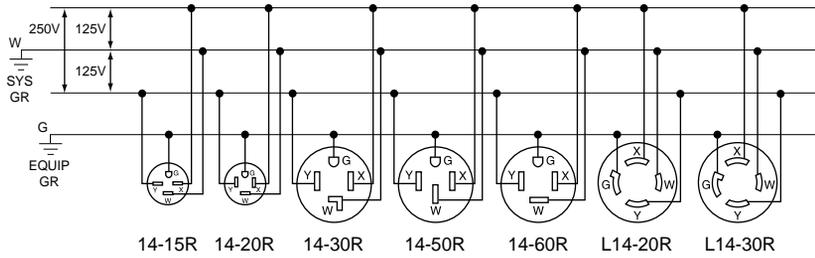
11-15R 11-20R 11-30R 11-50R L11-15R L11-20R L11-30R

3Ø 480V — 3-POLE, 3-WIRE

L12-20R L12-30R

3Ø 600V — 3-POLE, 3-WIRE

L13-30R

125/250V — 3-POLE, 4-WIRE GROUNDING

14-15R 14-20R 14-30R 14-50R 14-60R L14-20R L14-30R

3Ø 250V — 3-POLE, 4-WIRE GROUNDING

15-15R 15-20R 15-30R 15-50R 15-60R L15-20R L15-30R

3Ø 480V — 3-POLE, 4-WIRE GROUNDING

L16-20R L16-30R

3Ø 600V — 3-POLE, 4-WIRE GROUNDING

L17-30R

Technical Information
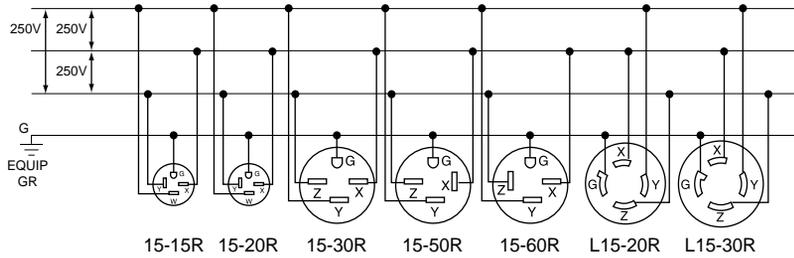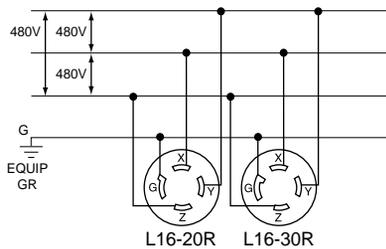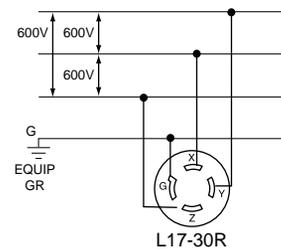
Circuit Wiring Diagrams

WIRING DIAGRAMS FOR NEMA CONFIGURATIONS

3ØY 120/208V — 4-POLE, 4-WIRE
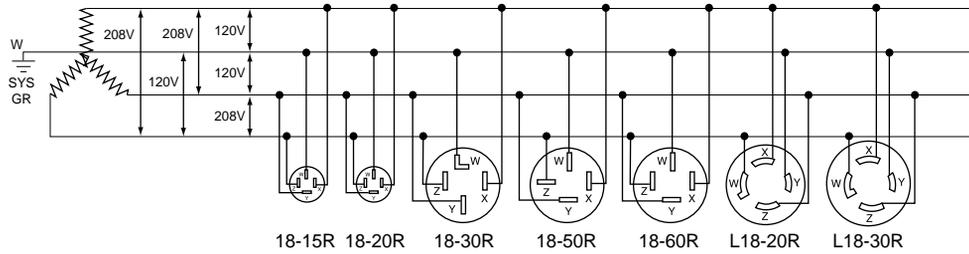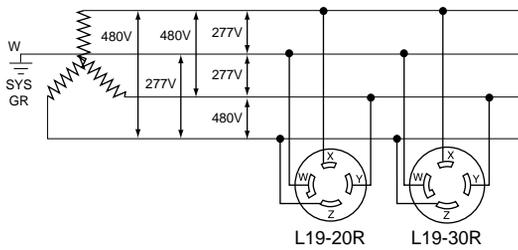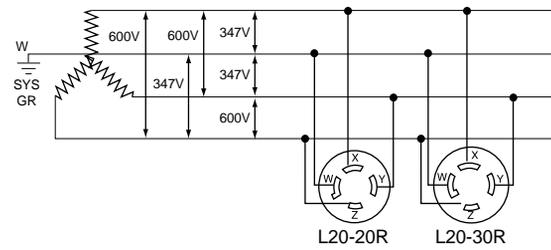
18-15R 18-20R 18-30R 18-50R 18-60R L18-20R L18-30R

3ØY 277/480V — 4-POLE, 4-WIRE

L19-20R L19-30R

3ØY 347/600V — 4-POLE, 4-WIRE

L20-20R L20-30R

3ØY 120/208V — 4-POLE, 5-WIRE GROUNDING

L21-20R L21-30R

3ØY 277/480V — 4-POLE, 5-WIRE GROUNDING

L22-20R L22-30R

3ØY 347/600V — 4-POLE, 5-WIRE GROUNDING

L23-20R L23-30R

Technical Information
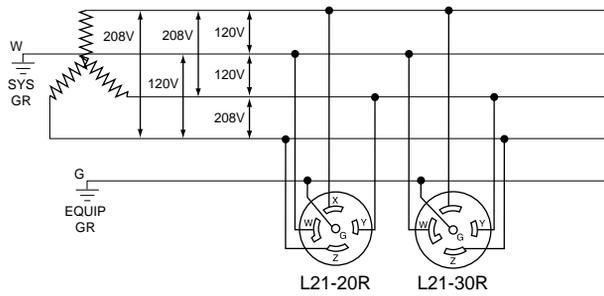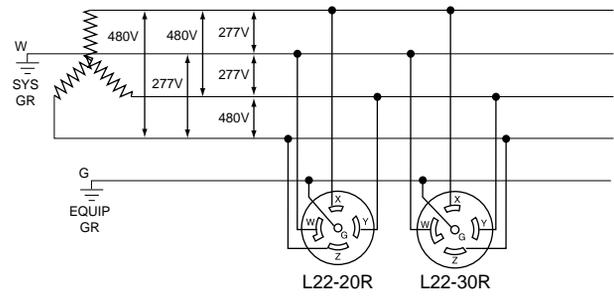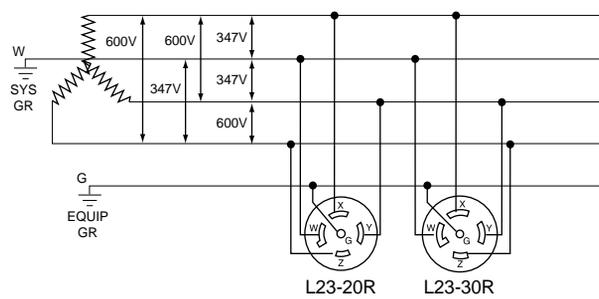
Switch Wiring Diagrams

STANDARD TOGGLE TYPE SWITCHES
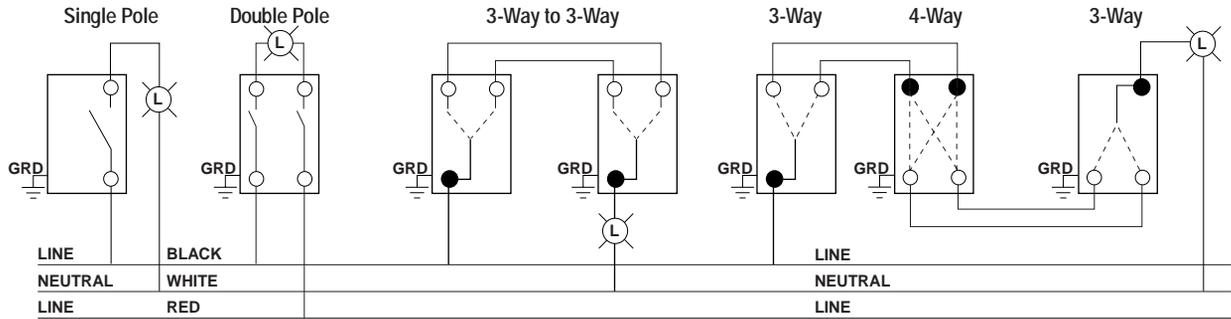
Single Pole | Double Pole | 3-Way to 3-Way | 3-Way | 4-Way | 3-Way

LINE	BLACK	
NEUTRAL	WHITE	
LINE	RED	

LINE	
NEUTRAL	
LINE	

LIGHTED HANDLE SWITCHES

Single-Pole Lighted   3-Way Lighted

Handle lights when load is OFF

LINE	BLACK
NEUTRAL	WHITE

PILOT LIGHT SWITCHES

Single-Pole Pilot   Double-Pole Pilot

Handle lights when load is ON

LINE	BLACK
NEUTRAL	WHITE
LINE	RED

3-WAY PILOT SWITCHES

Handle lights when load is ON

LINE
NEUTRAL
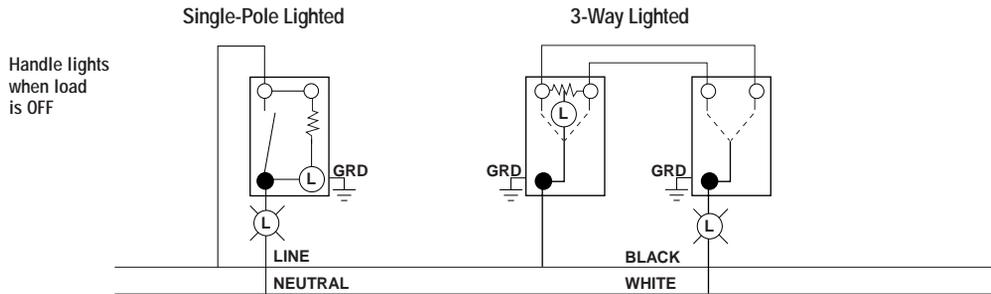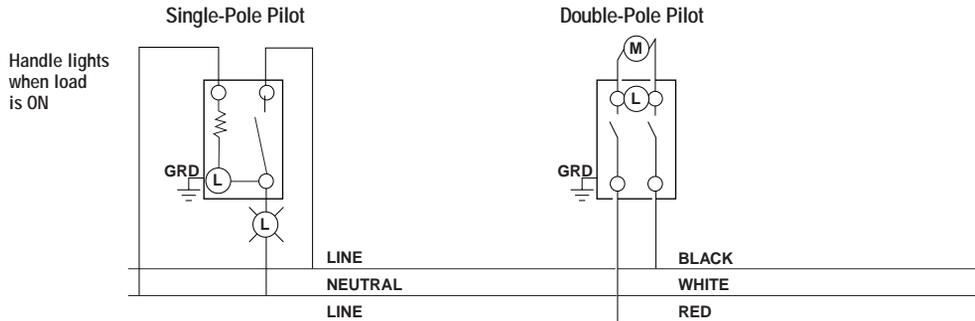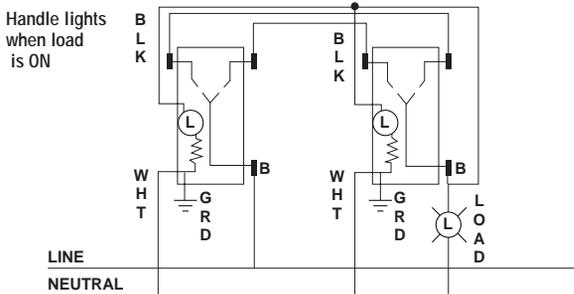
3-POSTION SWITCHES MOMENTARY AND MAINTAINED

Single-Pole, Double Throw (SPDT) Center OFF   Double-Pole, Double Throw (DPDT) Center OFF

L-2 B-1
B-2 A-1
A-2 L-1

LINE 1
NEUTRAL
LINE 2
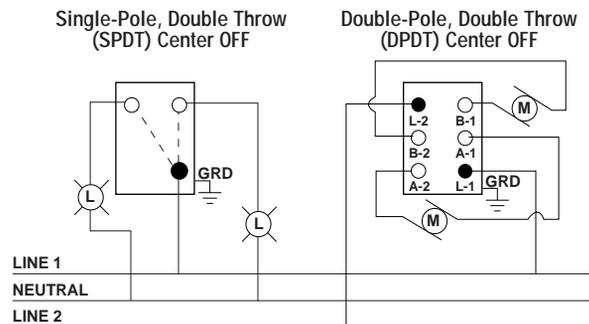
Diameter Ranges of Jacketed Cord in Accordance with Standard UL62

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
SV, SVO, SVT, SVTO	18	.22-.26. (5.6-6.6)	.23-.27 (5.8-6.9)	———	———
SJ, SJO, SJT, SJTO	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)	———
S, SO, ST, STO	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		
5	10 (254.0)W		
6	11.81 (300.0)W		

NOTE: This chart is based on the standard calculation of adding 1.81" (46.0) width for each gang in multi-gang wallplates.

***DEPTHS OF STANDARD WALLPLATES:** Plastic — .22 (5.6) Metal — .19 (4.7)*

WALLPLATE SIZE COMPARISON

STANDARD / MIDWAY / OVERSIZED
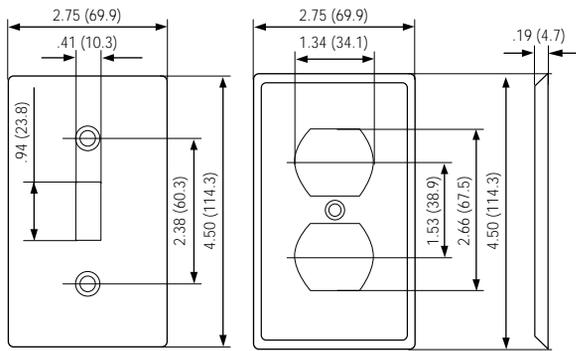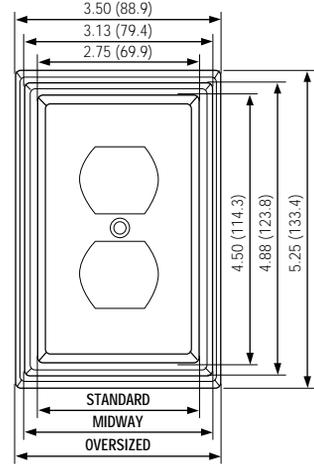
STANDARD SIZE WALLPLATE 81001 Series and 81003 Series
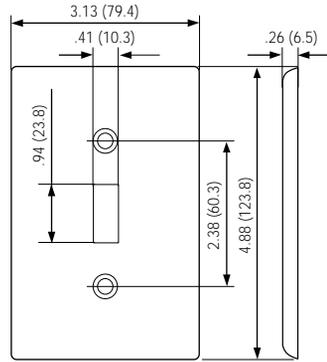
MIDWAY SIZE WALLPLATE 80501 Series
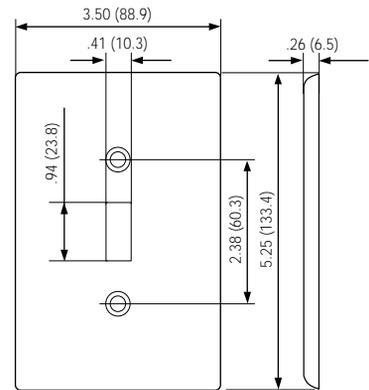
OVERSIZED WALLPLATE 85101 Series

POWER RECEPTACLE WALLPLATES
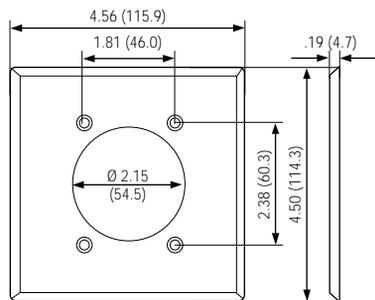
4934 Series
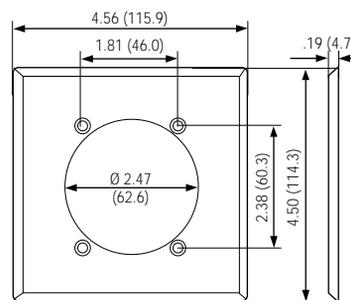
S701
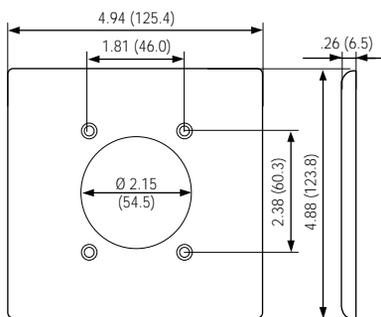
80526 Series
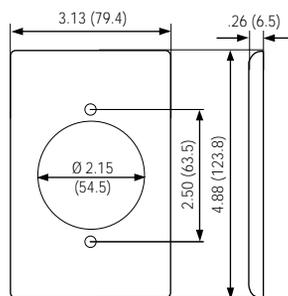
80528 Series
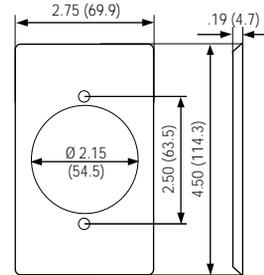
4927 Series

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.

Technical Information

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.

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.

25-PAIR COLOR CODING/ISDN CONTACT ASSIGNMENTS

RJ21X

DESIGNATION	WIRE COLOR			WIRE COLOR	DESIGNATION
Ring	Blue/White	1	26	White/Blue	Tip
Ring	Orange/White	2	27	White/Orange	Tip
Ring	Green/White	3	28	White/Green	Tip
Ring	Brown/White	4	29	White/Brown	Tip
Ring	Slate/White	5	30	White/Slate	Tip
Ring	Blue/Red	6	31	Red/Blue	Tip
Ring	Orange/Red	7	32	Red/Orange	Tip
Ring	Green/Red	8	33	Red/Green	Tip
Ring	Brown/Red	9	34	Red/Brown	Tip
Ring	Slate/Red	10	35	Red/Slate	Tip
Ring	Blue/Black	11	36	Black/Blue	Tip
Ring	Orange/Black	12	37	Black/Orange	Tip
Ring	Green/Black	13	38	Black/Green	Tip
Ring	Brown/Black	14	39	Black/Brown	Tip
Ring	Slate/Black	15	40	Black/Slate	Tip
Ring	Blue/Yellow	16	41	Yellow/Blue	Tip
Ring	Orange/Yellow	17	42	Yellow/Orange	Tip
Ring	Green/Yellow	18	43	Yellow/Green	Tip
Ring	Brown/Yellow	19	44	Yellow/Brown	Tip
Ring	Slate/Yellow	20	45	Yellow/Slate	Tip
Ring	Blue/Violet	21	46	Violet/Blue	Tip
Ring	Orange/Violet	22	47	Violet/Orange	Tip
Ring	Green/Violet	23	48	Violet/Green	Tip
Ring	Brown/Violet	24	49	Violet/Brown	Tip
Ring	Slate/Violet	25	50	Violet/Slate	Tip

ISDN

Pin 1   Pin 26

Pin 25   Pin 50

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
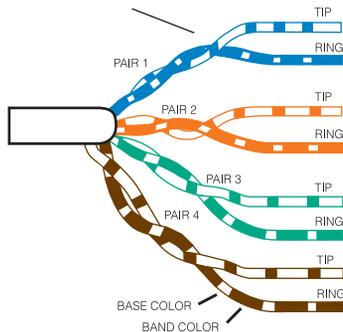
B. Solid-Color Twisted-Pair Wire
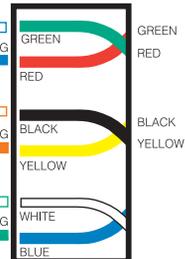
C. Quad Wire* (Solid-Color, Non-Twisted Wire)
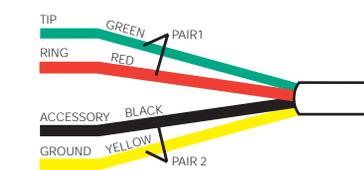
*CAUTION
Quad wire is no longer acceptable for installation in multi-line environments. If encountered during a retrofit, quad wire should be replaced with 100Ω UTP. Connecting new quad to installed quad will only amplify existing problems and limitations associated with quad wire; leaving existing quad in place and connecting 100Ω UTP to it may also be ineffective, as the quad wire may negate the desired effect of the UTP.

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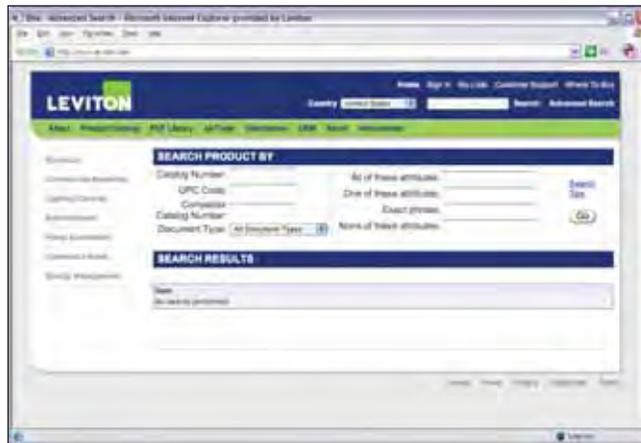
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Leviton Manufacturing Co., Inc.
59-25 Little Neck Parkway, Little Neck, NY 11362-2591
Telephone: 1-800-323-8920 • FAX: 1-800-832-9538
Tech Line (8:30AM–7:30PM E.S.T. Monday–Friday): 1-800-824-3005

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. de R.L. de C.V.
Lago Tana 43, Mexico DF, Mexico CP 11290
Tel. (+52) 55-5082-1040 • www.leviton.com.mx