BRYANT®

Full Line Catalog

Wiring Devices for Industrial, Commercial
Institutional and Residential Markets

www.bryant-electric.com

More than a Century of World-Class Innovation, Quality and Experience

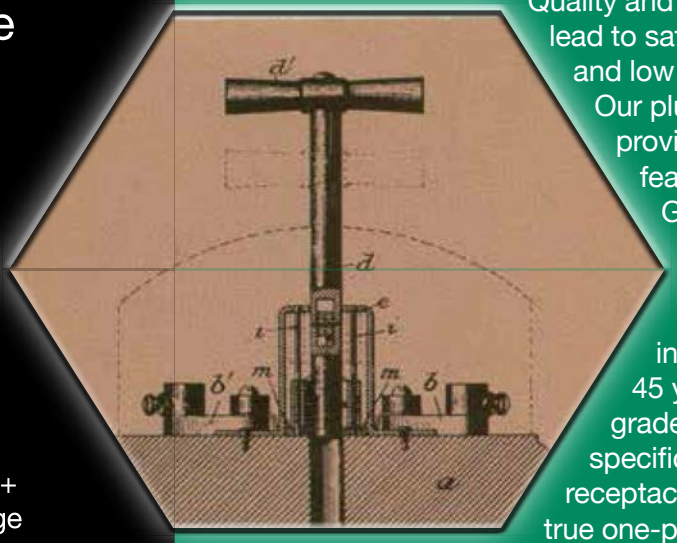
Building on more than 127 years of excellence, Bryant Electric offers wiring device solutions for industrial, commercial, institutional and residential markets. The new product lines and enhancements showcased in this catalog combine the innovation, value, quality and superior performance you expect from Bryant Electric.

This redesigned catalog provides comprehensive information for 5,000+ popular products. Each full-color page features product information, images, dimensions and specifications. Product features are also highlighted, especially for new solutions.

Our growing portfolio reflects commitment to distributors and customers. Since 1888, Bryant Electric has been a pioneer in the wiring device industry. New, redesigned or expanded product lines in this catalog include:

- Watertight Devices
- Portable Outlet Boxes
- Temporary Lighting
- Cord and Cable Reels
- Power Distribution Boxes
- Cam-Type Devices
- Swivels and Bands for Mesh
- Heavy Duty While-In-Use Covers
- GFCI Self Test Receptacles
- Occupancy/Vacancy, Harsh Environment, and Daylight Harvesting Sensors
- Countdown Timers and Dimmers
- USB Receptacles and Outlets
- Permanently Marked Controlled Receptacles
- Nightlight Devices
- Service/Power Poles
- Metal Raceway
- Floor Trak Cable Protection
- Network Wiring

The first "push-pull switch"



Quality and superior performance lead to safety, ease of use, and low installation costs. Our plugs and connectors provide a full range of features, from the Triple Gripper® cord grip and dust shield to impact-resistant nylon construction introduced more than 45 years ago. Hospital grade and industrial specification grade receptacles incorporate a true one-piece grounding system, now expanded to include tamper-resistant, weather resistant, and self test devices. Our wiring devices are preferred by specification decision-makers, contractors and original equipment manufacturers, thanks to the features they offer.

A digital marketing experience is available at www.bryant-electric.com. A unique eCatalog with interactive Document Builder allows quick access to product information and the ability to save custom documents. The catalog can be printed, searched and downloaded 24/7. Our website also maximizes the mobile experience so you can access literature and tools on your smartphone or tablet. A full printed literature library is also available.

Contact us toll-free at 1-800-323-2792, or visit us on the web at www.bryant-electric.com.

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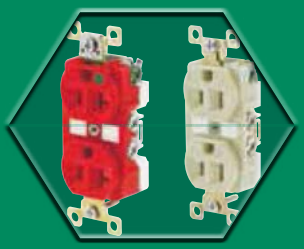

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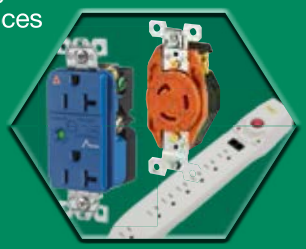

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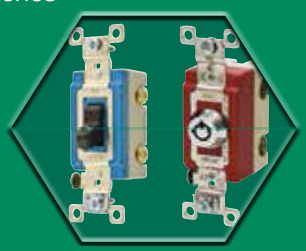

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General Information

No material will be accepted for return unless permission is granted in writing by Bryant. All orders received for special items are accepted as firm orders and are not subject to cancellation by the customer.

Claims for freight charges or allowances of any kind will not be considered after 30 days from receipt of goods and our responsibility ceases when we have delivered such shipments to the carriers and hold their receipts.

All Bryant devices are UL Listed and CSA Certified unless otherwise indicated.

Product dimensions in this catalog are nominal and are provided for the convenience of our customers. We reserve the right to make changes from time to time, without notice, which may change the dimensions shown. Therefore, we recommend verifying dimensions with us before using them for product developments or prints.

The designs and dimensions of the products listed in this catalog, correct at the date of publication, are subject to change without notice.

This catalog is published solely for information purposes and should not be considered all-inclusive.

Typographical or pictorial errors which are brought to our attention will be corrected in subsequent issues.

Bryant Trademarks

Since 1888, Bryant Electric has been a pioneer in the wiring industry. Just as the Bryant name is recognized as a mark of durability and quality, so are many of the trade names we use with our devices. These include:

CIRCUITPRO®
COBRA®
EXTRA DUTY®
Fashion Series™
FloorTrak®
JLOAD®
netSELECT®
OPTIMYZER®
PLUGBOX®
PlugTrak®
Quad Gripper®
QUADCAB®
QUADPLEX®
RE-BOX®
SpeakON®
Tech-Spec®
tradeSELECT®
Triple Gripper®

UPC: 781786
Cage Code: 71183

Associations

National Electrical Manufacturers Association
NEMA promotes the competitiveness of its member companies by providing a forum for the development of technical standards that are in the best interests of the industry and the users of its products.

National Association of Electrical Distributors
Since 1908, NAED has served as the trade association for the electrical distribution industry. To be an NAED associate member, your company must be a manufacturer or value-added reseller.

Restriction of Hazardous Substances
The RoHS Directive stands for “the restriction of the use of certain hazardous substances in electrical and electronic equipment”.

U.S. Green Building Council Member
Bryant is a US Green Building Council (USGBC) member dedicated to advancing buildings that are environmentally responsible in the way they are designed, built and operated.

International Organization for Standardization
ISO (International Organization for Standardization) is the world’s largest developer and publisher of International Standards.

International Electrotechnical Commission (IEC)
IEC is the world’s leading organization that prepares and publishes International Standards for all electrical, electronic and related technologies.

Section A

Straight Blade Devices

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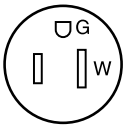
Straight Blade Devices

NEMA® Configuration Chart

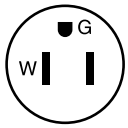
Rating			15 Ampere		20 Ampere		30 Ampere		50 Ampere		60 Ampere	
			Receptacle / Conn. Body	Plug / Inlet	Receptacle / Conn. Body	Plug / Inlet	Receptacle	Plug	Receptacle	Plug	Receptacle	Plug
2 Pole / 2 Wire	125V	1	A-21, A-23 1-15R	A-21, A-23 1-15P								
2 Pole / 3 Wire Grounding	125V	5	A-3 to A-20, A-22, A-23 5-15R	A-6, A-9, A-10, A-18 to A-20, A-23 5-15P	A-3 to A-5, A-7 to A-15, A-17, A-22 5-20R	A-6, A-9, A-10, A-18 to A-20 5-20P	A-24 5-30R	A-24 5-30P	A-25 5-50R	A-25 5-50P		
	250V	6	A-7 to A-10, A-17 to A-20 6-15R	A-9, A-10, A-18 to A-20 6-15P	A-3, A-6 to A-10, A-17 to A-20 6-20R	A-6, A-9, A-10, A-18 to A-20 6-20P	A-24 6-30R	A-24 6-30P	A-25 6-50R	A-25 6-50P		
	277V AC	7	A-10 7-15R	A-10 7-15P								
3 Pole / 3 Wire	125/250V AC	10			A-21 10-20R	A-21 10-20P	A-24 10-30R	A-24 10-30P	A-25 10-50R	A-25 10-50P		
3 Pole / 4 Wire Grounding	125/250V AC	14					A-24 14-30R	A-24 14-30P	A-25 14-50R	A-25 14-50P	A-26 14-60R	A-26 14-60P
	3Ø 250V AC	15					A-24 15-30R	A-24 15-30P	A-25 15-50R	A-25 15-50P	A-26 15-60R	A-26 15-60P
4P / 4W	3ØY 120/208V AC	18				A-21 18-20P			A-25 18-50R	A-25 18-50P	A-26 18-60R	A-26 18-60P
2 Pole / 3 Wire	347V	24		A-10 24-15P								

HOW TO USE THIS CHART:

For quick reference, this chart shows the configuration, primary catalog section and page number where the devices are shown.



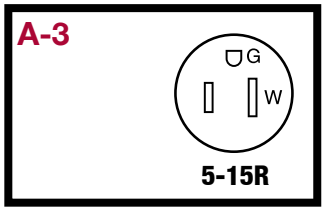
Open Slots indicates Receptacle / Connector Body configurations (female).



Closed Slots indicates Plug / Inlet configurations (male).

NEMA Configuration

Catalog Section and Page Number



NEMA® is a registered trademark of the National Electrical Manufacturers Association.

Straight Blade Devices

Hospital Grade ● Self-Grounding Receptacles

- Heavy duty, copper-alloy self-grounding system (tin plated)
- Double-wipe, copper-alloy grounding contacts
- ID surface for marking identification of circuits
- Heavy duty, brass over nickel plated wrap-around steel yoke locked in for maximum strength and security

Why Hospital Grade?

Bryant hospital grade receptacles are specifically designed to provide maximum safety and withstand severe abuse in hospitals and heavy duty industrial applications. The green dot ● signifying UL hospital grade listing is more than just a symbol of compliance. It is your assurance that each device has passed the most stringent requirements for grounding reliability, security of assembly, strength and durability.

15A and 20A 125V and 20A 250V Receptacles

TECH·SPEC®

BRY8200RED

BRY8300IWR

BRY8200WL

BRY8300GTR

8210I

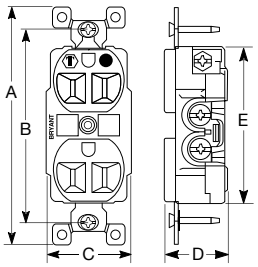
8310WWR

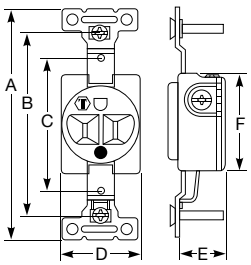
Wiring		Back and Side Wired			Stranded Wire Leads	Back and Side Wired	
Face		Duplex			Duplex	Single	
Rating	Color	Standard	Weather Resistant	Lighted Face	Tamper-Resistant	Standard	Weather Resistant
NEMA 5-15, 15A 125V	Almond	—	—	—	**BRY8200ALTR**	—	—
	Brown	**BRY8200**	**BRY8200WR**	—	**BRY8200TR**	**8210**	**8210WR**
	Gray	**BRY8200GRY**	**BRY8200GRYWR**	**BRY8200GRYL**	**BRY8200GTR**	**8210GRY**	**8210GRYWR**
	Ivory	**BRY8200I**	**BRY8200IWR**	**BRY8200IL**	**BRY8200ITR**	**8210I**	**8210IWR**
	Red	**BRY8200RED**	**BRY8200REDWR**	**BRY8200REDL**	**BRY8200RTR**	**8210RED**	**8210REDWR**
	White	**BRY8200W**	**BRY8200WWR**	**BRY8200WL**	**BRY8200WTR**	**8210W**	**8210WWR**
	Orange*	**BRY8200IG**	—	—	—	**8210IG**	—
NEMA 5-20, 20A 125V	Almond	—	—	—	**BRY8300ALTR**	—	—
	Brown	**BRY8300**	**BRY8300WR**	—	**BRY8300TR**	**8310**	**8310WR**
	Gray	**BRY8300GRY**	**BRY8300GRYWR**	**BRY8300GRYL**	**BRY8300GTR**	**8310GRY**	**8310GRYWR**
	Ivory	**BRY8300I**	**BRY8300IWR**	**BRY8300IL**	**BRY8300ITR**	**8310I**	**8310IWR**
	Red	**BRY8300RED**	**BRY8300REDWR**	**BRY8300REDL**	**BRY8300RTR**	**8310RED**	**8310REDWR**
	White	**BRY8300W**	**BRY8300WWR**	**BRY8300WL**	**BRY8300WTR**	**8310W**	**8310WWR**
	Orange*	**BRY8300IG**	—	—	—	**8310IG**	—
NEMA 6-20, 20A 250V	Brown	—	—	—	—	**8410BRN**	—
	Gray	—	—	—	—	**8410GRY**	—
	Ivory	—	—	—	—	**8410I**	—
	Red	—	—	—	—	**8410RED**	—
	White	—	—	—	—	**8410W**	—
	Orange*	—	—	—	—	**8410IG**	—

*Note: *Orange is Isolated Ground. See Section C for isolated ground products.*
See page R-6 for tamper-resistant and weather resistant descriptions.
See page A-28 for technical specifications.

Product Dimensions Inches (mm)

	Duplex Standard, Weather Resistant and Lighted Face	Duplex, Tamper-Resistant	Single Standard and Weather Resistant
A	4.06" (103.1)	4.06" (103.1)	4.06" (103.1)
B	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)
C	1.54" (39.1)	1.65" (41.9)	2.38" (60.5)
D	1.16" (29.5)	2.75" (69.9)	1.38" (35.1)
E	2.69" (68.3)	1.30" (33.0)	0.91" (23.1)
F	—	—	1.78" (45.2)





Straight Blade Devices

Hospital Grade ● Self-Grounding Receptacles

- High-impact thermoplastic face and base
- Back and side wired
- Break-off tab for two-circuit wiring
- Heavy duty, wrap-around steel yoke

Fashion Series® 9000

The built-in features of the 9200 self-grounding receptacle reflect the super-safe design, solid construction, and attention to details — the Face of Quality of Bryant's full line of Fashion Series 9000 designer receptacles. This line assures you of the exact device you need for hospital, industrial or commercial applications.

15A and 20A 125V Receptacles

FASHION SERIES 9000™

9200GRY

9200IG

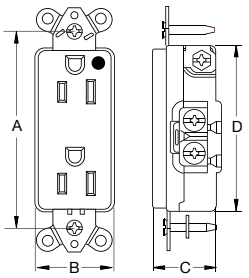
9300IL

Wiring		Back and Side Wired		
Face		Decorator		
Rating	Color	Duplex	Isolated Ground	Lighted Face
NEMA 5-15, 15A 125V	Brown	**9200**	—	—
	Gray	**9200GRY**	**9200IGGRY**	**9200GRYL**
	Ivory	**9200I**	**9200IGI**	**9200IL**
	Red	**9200RED**	**9200IGRED**	**9200REDL**
	White	**9200W**	**9200IGW**	**9200WL**
	Orange*	—	**9200IG**	—
NEMA 5-20, 20A 125V	Brown	**9300**	—	—
	Gray	**9300GRY**	**9300IGGRY**	—
	Ivory	**9300I**	**9300IGI**	**9300IL**
	Red	**9300RED**	**9300IGRED**	**9300REDL**
	White	**9300W**	**9300IGW**	**9300WL**
	Orange*	—	**9300IG**	—

*Note: *Orange is Isolated Ground. See Section C for isolated ground products.*
See page A-28 for technical specifications.

Product Dimensions Inches (mm)

A	3.28" (83.3)
B	1.36" (34.5)
C	1.03" (26.2)
D	2.75" (69.9)



Hospital Grade ● USB Charger Receptacles

- Two USB ports 3.8 Amp, 5V DC, Type A, class 2.0
- Tamper-Resistant (TR) decorator duplex
- Green LED indicator to show USB power available
- Back and side wire for solid or stranded wire

15A and 20A 125V USB Charger Receptacles

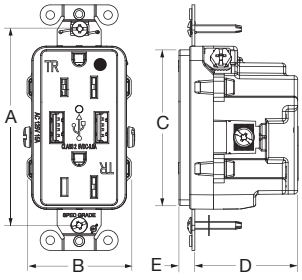
TR

Rating	Color	Duplex	Rating	Color	Duplex
NEMA 5-15, 15A 125V	Black	**USBB8200BK**	NEMA 5-20, 20A 125V	Black	**USBB8300BK**
	Gray	**USBB8200GY**		Gray	**USBB8300GY**
	Ivory	**USBB8200I**		Ivory	**USBB8300I**
	Light Almond	**USBB8200LA**		Light Almond	**USBB8300LA**
	Red	**USBB8200R**		Red	**USBB8300R**
	White	**USBB8200W**		White	**USBB8300W**

Note: See page R-6 for tamper-resistant description.
See page A-29 for technical specifications.

Product Dimensions Inches (mm)

A	3.28" (83.3)
B	1.75" (44.5)
C	2.62" (66.5)
D	1.73" (43.9)
E	0.27" (6.8)



Specifications are subject to change without notice.

Straight Blade Devices

Hospital Grade ● QUADPLEX® Receptacles

- Accepts up to four straight or angle plugs
- Heavy duty, triple-wipe, high performance brass line contacts for excellent retention and conductivity
- Break-off tab for two-circuit wiring (except surge)
- Saves wiring and installation time
- "A" and "B" circuits molded into face for easy identification
- Easily removable knockouts for mounting to octagon concrete ring or box

QUADPLEX®

Mounts directly to 4" square or octagon boxes. No cover plate required. Can be retrofitted to 1 and 2-gang device boxes, mud rings on 4" boxes or 4 11/16" boxes using adapter plate. Rugged impact resistant construction. Break-off tabs for split circuit wiring (except surge units).

15A and 20A 125V Receptacles

QUADPLEX®

21254HR

21254HIGO

21254HSA

21254HIL

Wiring		Terminal Screws				Wire leads	
Rating	Color	Standard	Color	Isolated Ground	Color	Surge Suppression Isolated Ground	Color	Standard
NEMA 5-15, 15A 125V	Brown Gray Ivory Red White	**1254HB** **1254HGY** **1254HI** **1254HR** **1254HW**	Orange	—	Blue Ivory	**1254HSA** **1254HSIA**	Brown Ivory	— —
NEMA 5-20, 20A 125V	Brown Gray Ivory Red White	**21254HB** **21254HGY** **21254HI** **21254HR** **21254HW**	Orange	**21254HIGO**	Blue Ivory	**21254HSA** **21254HSIA**	Brown Ivory	**21254HBL** **21254HIL**

Note: See Section C for isolated ground products. See page A-15 for additional information on QUADPLEX® surge receptacles.

Adapter Plates and Portable Boxes

	Adapter Plates		Portable Boxes	
Color	For 1- and 2-Gang Device Boxes	For 4 11/16" Boxes	with Cord Grip	Feed-thru with Two Cord Grips
Black	**ADAPBLK**	—	**4SQBXBLK**	**4SQBXFBLK**
Blue	**ADAPBLU**	—	**4SQBXBLU**	—
Brown	**ADAPB**	—	**4SQBXB**	—
Gray	**ADAPGRY**	—	**4SQBXGRY**	—
Ivory	**ADAPI**	**ADAPIS**	**4SQBXI**	**4SQBXFI**
Orange	**ADAPO**	—	**4SQBXO**	—
Red	**ADAPR**	—	**4SQBXR**	**4SQBXFR**
White	**ADAPW**	—	**4SQBXW**	—

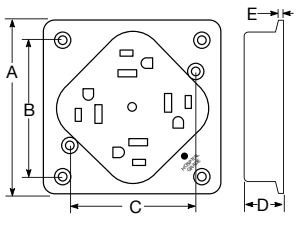
ADAPI

4SQBXI

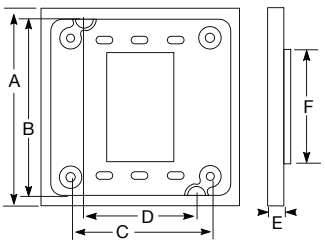
Product Dimensions Inches (mm)

	Receptacle	Adapter Plate	Portable Box
A	4.30" (109.2)	4.78" (121.4)	4.30" (109.2)
B	3.38" (85.9)	4.25" (108.0)	4.05" (102.9)
C	3.02" (76.7)	3.38" (85.9)	3.28" (85.9)
D	0.92" (23.4)	2.75" (69.9)*	0.84" (21.3)
E	0.10" (2.6)	0.38" (9.5)	0.75" (19.1)
F	–	2.75" (6.9)	–

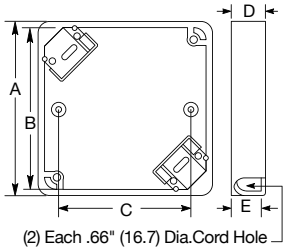
*Note: *Mounting dimensions for 4 11/16" adapter plate.*



Receptacle



Adapter Plate



Portable Box

Straight Blade Devices

Hospital Grade ● Impact Resistant Plugs and Connectors

- Impact-resistant thermoplastic construction with automatic cord grip
- Transparent polycarbonate cover allows visual inspection of wire terminations without disassembly
- Pre-attached TPE (thermoplastic elastomer) dust seal helps prevent contaminants from entering wiring chamber
- Single side terminal screws reduce wiring time and are color coded for proper terminations

Angled Plugs

All Bryant angle devices are ideally suited for any location where space restrictions or obstructions require the power cord to lay close to the wall or flat against the floor.

Bryant hospital grade transparent angle plugs are designed for straight blade applications in hospitals, as well as industrial, commercial and institutional environments – wherever attachment plugs must withstand severe abuse.

15A and 20A 125V and 20A 250V Plugs and Connectors, 2-Pole 3-Wire Inches (mm)

BRY8266NP

8266T

8295T

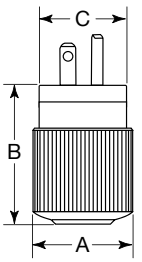
BRY8269NC

8269T

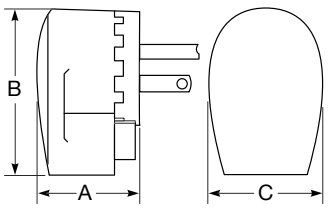
Device Type		Straight Plug		Angled Plug	Connector	
Rating	Cord Diameter	White Thermoplastic	Transparent Nylon/Polycarbonate	Transparent Nylon/Polycarbonate	White Thermoplastic	Transparent Nylon/Polycarbonate
NEMA 5-15, 15A 125V	.245"-.655" (6.2-16.6)	**BRY8266NP**	**8266T**	**8295T**	**BRY8269NC**	**8269T**
NEMA 5-20, 20A 125V	.245"-.655" (6.2-16.6)	**BRY8366NP**	**8366T**	**8395T**	**BRY8369NC**	**8369T**
NEMA 6-20, 20A 250V	.300"-.625" (7.6-15.9)	**BRY8466NP**	–	**8495T**	**BRY8469NC**	–

Product Dimensions Inches (mm)

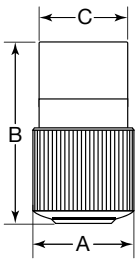
	Plug	Angled Plug	Connector
A	1.52" (38.6)	1.30" (33.0)	1.52" (38.6)
B	2.18" (55.4)	2.07" (52.6)	2.95" (74.9)
C	1.38" (35.1)	1.52" (38.6)	1.38" (35.1)



Plug



Angled Plug



Connector

Specifications are subject to change without notice.

Straight Blade Devices

Industrial Grade Extra Heavy Duty, Specification Grade Duplex Receptacles

- Nylon construction with Circuit ID marking area
- Heavy duty nickel and brass plated steel wrap-around yoke
- Heavy duty, copper-alloy self-grounding system
- UL Listed, CSA Certified, Complies with NEMA® Standards WD-1 and WD-6, Listed to UL 498, Verified under Federal Specification WC596

The BRY5362 Design

The one-piece ground system provides a more reliable continuity to ground than riveted designs. Triple-wipe brass line contacts deliver excellent conductivity for low resistance, low heat rise. Superior spring properties provide reliable, long-life blade retention. All nylon, wrap-around, full-face design provides secure assembly, even under stress.

15A and 20A 125V and 250V Receptacles, Back and Side Wired

BRY5262

BRY5362IWR

BRY5262IG

BRY5362IGWWR

BRY5262CR

		Duplex		Isolated Ground			Corrosion Resistant	
Rating	Color	Standard	Weather Resistant WR	Color	Standard	Weather Resistant WR	Color	Standard
NEMA 5-15, 15A 125V	Black	**BRY5262BLK**	**BRY5262BLKWR**	Brown	**BRY5262IGB**	—	Brown	**BRY5262BCR**
	Blue	**BRY5262BU**	**BRY5262BUWR**	Gray	**BRY5262IGGRY**	**BRY5262IGGRYWR**	Yellow	**BRY5262CR**
	Brown	**BRY5262**	**BRY5262WR**	Ivory	**BRY5262IGI**	**BRY5262IGIWR**		
	Gray	**BRY5262GRY**	**BRY5262GRYWR**	Orange	**BRY5262IG**	**BRY5262IGWR**		
	Ivory	**BRY5262I**	**BRY5262IWR**	White	**BRY5262IGW**	**BRY5262IGWWR**		
	Red	**BRY5262RED**	**BRY5262REDWR**					
	White	**BRY5262W**	**BRY5262WWR**					
NEMA 5-20, 20A 125V	Black	**BRY5362BLK**	**BRY5362BLKWR**	Brown	**BRY5362IGB**	—	Yellow	**BRY5362CR**
	Blue	**BRY5362BU**	**BRY5362BUWR**	Gray	**BRY5362IGGRY**	**BRY5362IGGRYWR**		
	Brown	**BRY5362**	**BRY5362WR**	Ivory	**BRY5362IGI**	**BRY5362IGIWR**		
	Gray	**BRY5362GRY**	**BRY5362GRYWR**	Orange	**BRY5362IG**	**BRY5362IGWR**		
	Ivory	**BRY5362I**	**BRY5362IWR**	White	**BRY5362IGW**	**BRY5362IGWWR**		
	Red	**BRY5362RED**	**BRY5362REDWR**					
	White	**BRY5362W**	**BRY5362WWR**					
NEMA 6-15, 15A 250V	Black	**BRY5662BLK**	—	Orange	**BRY5662IG**	—	Yellow	**BRY5662CR**
	Brown	**BRY5662**	—					
	Gray	**BRY5662GRY**	—					
	Ivory	**BRY5662I**	—					
	Red	**BRY5662RED**	—					
	White	**BRY5662W**	—					
NEMA 6-20, 20A 250V	Black	**BRY5462BLK**	—	Orange	**BRY5462IG**	—	Yellow	**BRY5462CR**
	Brown	**BRY5462**	—					
	Gray	**BRY5462GRY**	—					
	Ivory	**BRY5462I**	—					
	Red	**BRY5462RED**	—					
	White	**BRY5462W**	—					

Note: See page R-6 for weather resistant description.
See page A-28 for technical specifications.

See Section C for isolated ground products.
See page R-6 for weather resistant description.

See Section I for corrosion-resistant products.

15A and 20A 125V Specialty Receptacles

Inches (mm)

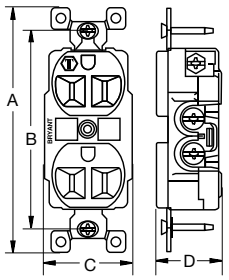
BRY5282

Rating	Description	Color	Catalog Number
NEMA 5-15, 15A 125V	BRY5262 on 4.0" (101.6) round metal box cover	Brown	**BRY5282**
NEMA 5-20, 20A 125V	BRY5362 on 4.0" (101.6) round metal box cover	Brown	**BRY5382**

Product Dimensions

Inches (mm)

A	4.06" (103.1)
B	3.28" (83.3)
C	1.54" (39.1)
D	1.16" (29.5)



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Straight Blade Devices

Industrial Grade Extra Heavy Duty, Specification Grade Single Receptacles

15A and 20A 125V and 250V Receptacles, Back and Side Wired

5261I

5361WR

5261IG

5361IGWWR

5261CR

		Single		Isolated Ground			Corrosion Resistant	
Rating	Color	Standard	Weather Resistant WR	Color	Standard	Weather Resistant WR	Color	Standard
NEMA 5-15, 15A 125V	Black	**5261BLK**	**5261BLKWR**	Gray	**5261IGGRY**	**5261IGGRYWR**	Yellow	**5261CR**
	Brown	**5261**	**5261WR**	Ivory	**5261IGI**	**5261IGIWR**		
	Gray	**5261GRY**	**5261GRYWR**	Orange	**5261IG**	**5261IGWR**		
	Ivory	**5261I**	**5261IWR**	White	**5261IGW**	**5261IGWWR**		
	Red	**5261RED**	**5261REDWR**					
	White	**5261W**	**5261WWR**					
NEMA 5-20, 20A 125V	Black	**5361BLK**	**5361BLKWR**	Gray	**5361IGGRY**	**5361IGGRYWR**	Yellow	**5361CR**
	Brown	**5361**	**5361WR**	Ivory	**5361IGI**	**5361IGIWR**		
	Gray	**5361GRY**	**5361GRYWR**	Orange	**5361IG**	**5361IGWR**		
	Ivory	**5361I**	**5361IWR**	White	**5361IGW**	**5361IGWWR**		
	Red	**5361RED**	**5361REDWR**					
	White	**5361W**	**5361WWR**					
NEMA 6-15, 15A 250V	Black	**5661BLK**	—				Yellow	—
	Brown	**5661**	—					
	Gray	**5661GRY**	—					
	Ivory	**5661I**	—					
	Red	**5661RED**	—					
	White	**5661W**	—					
NEMA 6-20, 20A 250V	Black	**5461BLK**	—				Yellow	**5461CR**
	Brown	**5461**	—					
	Gray	**5461GRY**	—					
	Ivory	**5461I**	—					
	Red	**5461RED**	—					
	White	**5461W**	—					

Notes: See page R-6 for weather resistant description.

See Section C for isolated ground products.
See page R-6 for weather resistant description.

See Section I for corrosion-resistant products.

15A and 20A 125V Short Yoke Receptacles

5284

5258

Wiring		Back and Side Wired		Side Wired
Rating	Color	Standard	Weather Resistant	Urea Face
NEMA 5-15, 15A 125V	Brown	**5284**	**5284WR**	**5258**
NEMA 5-20, 20A 125V	Brown	—	**5384WR**	—
NEMA 6-15, 15A 250V	Brown	**5684**	—	—
NEMA 6-20, 20A 250V	Brown	**5484**	—	—

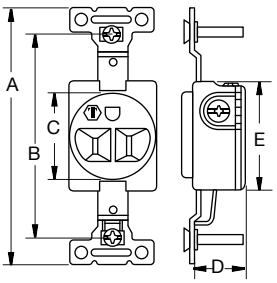
15A and 20A 125V Specialty Receptacles Inches (mm)

5281

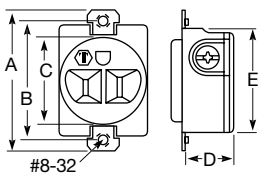
Rating	Description	Color	Catalog Number
NEMA 5-15, 15A 125V	5261 on 4.0" (101.6) round metal box cover	Brown	**5281**

Product Dimensions Inches (mm)

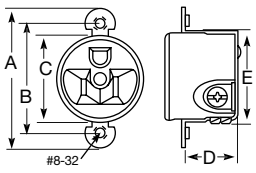
	Single	Short Yoke	Short Yoke Urea Face
A	4.06" (103.1)	2.25" (57.2)	2.25" (57.2)
B	3.28" (83.3)	1.94" (49.3)	1.75" (44.5)
C	1.38" (35.1)	1.38" (35.1)	1.38" (35.1)
D	0.91" (23.1)	0.81" (20.6)	0.85" (21.6)
E	1.78" (45.2)	1.78" (45.3)	1.49" (37.8)



Standard



Short Yoke



Short Yoke Urea Face

Specifications are subject to change without notice.

15A and 20A 125V and 250V Receptacles and Equipment Base Devices

TECH·SPEC®

5362BI

5342

9252I

5351I

5378

5278G

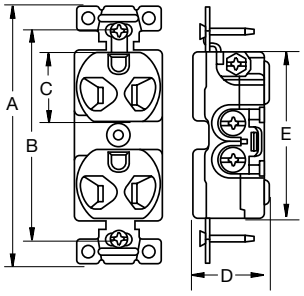
5379

Style		Receptacles			
		Duplex		Decotator	Single
Rating	Color	Back and Side Wired	Side Wired	Back and Side Wired	Side Wired
NEMA 5-15, 15A 125V	Almond	—	—	**9252AL**	**5251AL**
	Black	**5262BBLK**	**5242BLK**	**9252BLK**	—
	Brown	**5262BN**	**5242**	**9252**	**5251**
	Gray	**5262BGRY**	**5242GRY**	**9252GRY**	—
	Ivory	**5262BI**	**5242I**	**9252I**	**5251I**
	Red	**5262BRED**	**5242RED**	—	—
	White	**5262BW**	**5242W**	**9252W**	—
NEMA 5-20, 20A 125V	Almond	—	—	**9352AL**	**5351AL**
	Black	**5362BBLK**	**5342BLK**	**9352BLK**	**5351BLK**
	Brown	**5362BN**	**5342**	**9352BRN**	**5351**
	Gray	**5362BGRY**	**5342GRY**	**9352GRY**	—
	Ivory	**5362BI**	**5342I**	**9352I**	**5351I**
	Red	**5362BRED**	**5342RED**	—	—
	White	**5362BW**	**5342W**	**9352W**	—
NEMA 6-15, 15A 250V	White	**5678**	**5678G**	**5679**	
NEMA 6-20, 20A 250V	White	**5478**	—	**5479**	

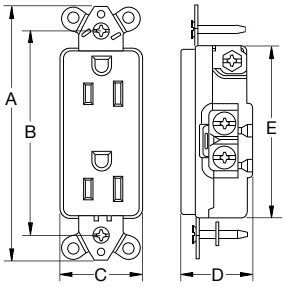
Equipment Base Devices - Clamp-Type, Back Wiring			
	Male		Female
Color	Nylon Cup	Self-Grounding Strap	Nylon Cup
Black	—	**5278G**	—
White	**5278**	—	**5279**
Black	—	**5378G**	—
White	**5378**	—	**5379**

Product Dimensions Inches (mm)

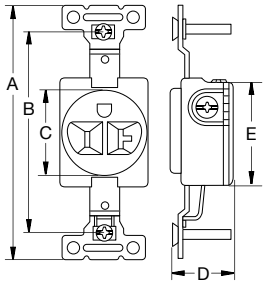
	Receptacle			Equipment Devices	
	Duplex	Decorator	Single	Male	Female
A	4.06" (103.1)	4.06" (103.1)	4.06" (103.1)	1.84" (46.7)	1.84" (46.7)
B	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	2.00" (50.8)	2.00" (50.8)
C	1.38" (35.1)	1.36" (34.5)	1.38" (35.1)	2.50" (63.5)	2.50" (63.5)
D	0.92" (23.4)	1.03" (26.2)	0.92" (23.4)	1.61" (40.9)	1.47" (37.3)
E	2.68" (68.1)	2.75" (69.9)	1.78" (45.2)	1.55" (39.4)	1.31" (33.3)



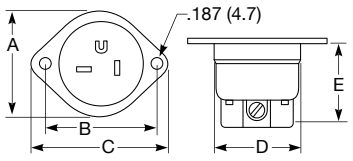
Duplex Receptacle



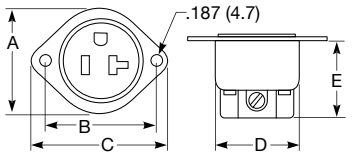
Duplex Receptacle



Single Receptacle



Male Equipment Device



Female Equipment Device

Straight Blade Devices

Heavy Duty, Industrial Grade Combination, Specification Grade Receptacles

15A and 20A 125V and 250V Self-Grounding Combination Receptacles, Back and Side Wired

Rating		Description	Color	Duplex
NEMA 5-15, 15A 125V	NEMA 6-15, 15A 250V	Combination 15A 125V and 15A 250V, nylon construction	Brown Gray Ivory	**BRY5292** **BRY5292GRY** **BRY5292I**
NEMA 5-20, 20A 125V	NEMA 6-20, 20A 250V	Combination 20A 125V and 20A 250V, nylon construction	Brown Gray Ivory	**BRY5492** **BRY5492GRY** **BRY5492I**
NEMA 5-15, 15A 125V	NEMA L5-15, 15A 125V	Combination 15A 125V straight blade and locking, reinforced thermoplastic polyester, 1 feed, 1 return	Brown	**4792DR**

Note: Combination devices accommodate standard duplex wallplates, see Section P.

BRY5292I

BRY5492I

4792DR

Industrial Grade, Receptacle and Attachment Plugs

15A 277V and 347V Grounding Devices Inches (mm)

5762

5782

5756

Rating	Color	Heavy Duty Industrial Duplex Receptacle: Standard	Heavy Duty Industrial Duplex Receptacle: On Round Metal Box Cover 4.0" (101.6)	Attachment Plug: Clamp-Type Terminals Dead Front .296-.625" (7.5-15.9)
NEMA 7-15, 15A 277V	Brown Black	**5762** —	**5782*** —	— **5756**
NEMA/CSA 24-15, 15A 347V	Black	—	—	**5856**

*Note: *Not UL Listed or CSA Certified.*

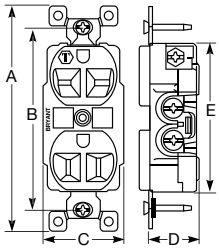
Polarity Tester

5266PT

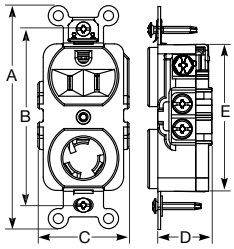
Description	Catalog Number
Circuit tester with neon indicator lamps to check NEMA 5-15 and 5-20 receptacles	**5266PT**

Product Dimensions Inches (mm)

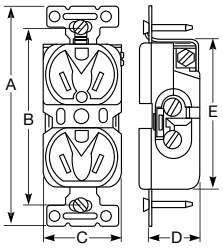
	Combination Receptacles: BRY5292/BRY5492	Combination Receptacles: Straight Blade & Locking	Heavy Duty Industrial Duplex	Attachment Plug
A	4.06" (103.1)	4.06" (103.1)	4.06" (103.1)	1.72" (43.7)
B	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	1.54" (39.1)
C	1.54" (39.1)	1.69" (42.9)	1.38" (35.1)	—
D	1.16" (29.5)	1.19" (30.2)	0.86" (21.8)	—
E	2.69" (68.3)	2.74" (69.6)	2.62" (66.5)	—



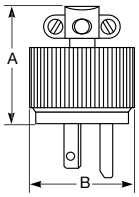
BRY5292/BRY5492



Straight Blade & Locking



Heavy Duty Industrial Duplex



Attachement Plug

Specifications are subject to change without notice.

Straight Blade Devices

Commercial Grade Duplex Receptacles

- Self-grounding staple
- Impact resistant molded nylon face and base
- Sturdy construction with wrap-around galvanized steel strap
- Thread cleaning, captive mounting screws
- Easy access break-off tab for two-circuit wiring
- Tri-drive steel binding head terminal screws accept up to #10 AWG
- Double-wipe ground contact
- Eight wiring pockets with clamp-type terminals on back-wired devices
- Backed-out green tri-drive grounding screw
- One piece brass line contacts
- UL, CSA, Fed-Spec® and NOM (Fed. Spec. on CBRS devices only)

15A and 20A 125V Self-Grounding Receptacles

CRS15BLK

CR20IG

CBRS20I

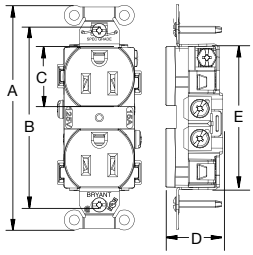
DRS20GRY

Wiring		Side Wired		Back and Side Wired	
Rating	Color	Duplex	Isolated Ground	Duplex*	Decorator
NEMA 5-15, 15A 125V	Almond	**CRS15AL**	**—**	**CBRS15AL**	**DRS15AL**
	Black	**CRS15BLK**	**—**	**CBRS15BLK**	**DRS15BLK**
	Brown	**CRS15**	**—**	**CBRS15**	**DRS15**
	Gray	**CRS15GRY**	**CR15IGRY**	**CBRS15GRY**	**DRS15GRY**
	Ivory	**CRS15I**	**CR15IGI**	**CBRS15I**	**DRS15I**
	Light Almond	**CRS15LA**	**—**	**CBRS15LA**	**DRS15LA**
	Orange	**—**	**CR15IG**	**—**	**—**
	White	**CRS15W**	**CR15IGW**	**CBRS15W**	**DRS15WHI**
NEMA 5-20, 20A 125V	Almond	**CRS20AL**	**—**	**CBRS20AL**	**DRS20AL**
	Black	**CRS20BLK**	**—**	**CBRS20BLK**	**DRS20BLK**
	Brown	**CRS20**	**—**	**CBRS20**	**DRS20**
	Gray	**CRS20GRY**	**CR20IGRY**	**CBRS20GRY**	**DRS20GRY**
	Ivory	**CRS20I**	**CR20IGI**	**CBRS20I**	**DRS20I**
	Light Almond	**CRS20LA**	**—**	**CBRS20LA**	**DRS20LA**
	Orange	**—**	**CR20IG**	**—**	**—**
	White	**CRS20W**	**CR20IGW**	**CBRS20W**	**DRS20WHI**

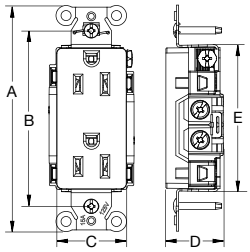
Note: See Section C for isolated ground products.
**Fed. Spec. Listed.*

Product Dimensions Inches (mm)

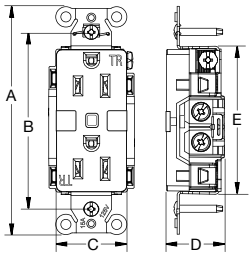
	Duplex	Decorator	Tamper-Resistant	Weather Resistant	Tamper-Resistant, Weather Resistant	Decorator, Nightlight
A	4.06" (103.1)	4.06" (103.1)	4.06" (103.1)	4.06" (103.1)	4.06" (103.1)	4.14" (105.1)
B	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)
C	1.38" (35.1)	–	1.38" (35.1)	1.38" (35.1)	1.38" (35.1)	1.29" (32.7)
D	1.07" (27.1)	1.07" (27.1)	1.15" (29.2)	1.17" (29.7)	1.15" (29.2)	1.15" (29.2)
E	2.73" (69.4)	2.73" (69.4)	2.73" (69.4)	2.73" (69.4)	2.73" (69.4)	2.73" (69.4)



Duplex



Decorator



Nightlight

Straight Blade Devices

Commercial Grade Duplex Tamper-Resistant Receptacles

15A and 20A 125V Self-Grounding Tamper-Resistant Receptacles

CRS15BLKTR

CBRS15LATR

DRS20ITR

DRS15NLW

Wiring		Side Wired	Back and Side Wired		
Rating	Color	Standard	Standard*	Decorator	Decorator, Nightlight
NEMA 5-15, 15A 125V	Almond	**CRS15ALTR**	**CBRS15ALTR**	**DRS15ALTR**	—
	Black	**CRS15BLKTR**	**CBRS15BLKTR**	**DRS15BLKTR**	—
	Brown	**CRS15TR**	**CBRS15TR**	**DRS15TR**	—
	Gray	**CRS15GRYTR**	**CBRS15GRYTR**	**DRS15GRYTR**	—
	Ivory	**CRS15ITR**	**CBRS15ITR**	**DRS15ITR**	**DRS15NLI**
	Light Almond	**CRS15LATR**	**CBRS15LATR**	**DRS15LATR**	**DRS15NLLA**
	White	**CRS15WTR**	**CBRS15WTR**	**DRS15WTR**	**DRS15NLW**
NEMA 5-20, 20A 125V	Almond	**CRS20ALTR**	**CBRS20ALTR**	**DRS20ALTR**	—
	Black	**CRS20BLKTR**	**CBRS20BLKTR**	**DRS20BLKTR**	—
	Brown	**CRS20TR**	**CBRS20TR**	**DRS20TR**	—
	Gray	**CRS20GRYTR**	**CBRS20GRYTR**	**DRS20GRYTR**	—
	Ivory	**CRS20ITR**	**CBRS20ITR**	**DRS20ITR**	—
	Light Almond	**CRS20LATR**	**CBRS20LATR**	**DRS20LATR**	—
	White	**CRS20WTR**	**CBRS20WTR**	**DRS20WTR**	—

Note: See page R-6 for tamper-resistant and weather resistant descriptions.
See page A-11 for dimensional art.
**Fed. Spec. Listed.*

15A and 20A 125V Self-Grounding Weather Resistant and Tamper-Resistant Receptacles

CBRS20BLKWRTR

DRS20GRYWRTR

Wiring		Back and Side Wired	
Rating	Color	Standard	Decorator
NEMA 5-15, 15A 125V	Almond	**CBRS15ALWRTR**	**DRS15ALWRTR**
	Black	**CBRS15BLKWRTR**	**DRS15BLKWRTR**
	Brown	**CBRS15WRTR**	**DRS15WRTR**
	Gray	**CBRS15GRYWRTR**	**DRS15GRYWRTR**
	Ivory	**CBRS15IWRTR**	**DRS15IWRTR**
	Light Almond	**CBRS15LAWRTR**	**DRS15LAWRTR**
	White	**CBRS15WWRTR**	**DRS15WWRTR**
NEMA 5-20, 20A 125V	Almond	**CBRS20ALWRTR**	**DRS20ALWRTR**
	Black	**CBRS20BLKWRTR**	**DRS20BLKWRTR**
	Brown	**CBRS20WRTR**	**DRS20WRTR**
	Gray	**CBRS20GRYWRTR**	**DRS20GRYWRTR**
	Ivory	**CBRS20IWRTR**	**DRS20IWRTR**
	Light Almond	**CBRS20LAWRTR**	**DRS20LAWRTR**
	White	**CBRS20WWRTR**	**DRS20WWRTR**

Note: See page R-6 for tamper-resistant and weather resistant descriptions.
See page A-11 for dimensional art.

15A and 20A 125V Self-Grounding Weather Resistant Receptacles

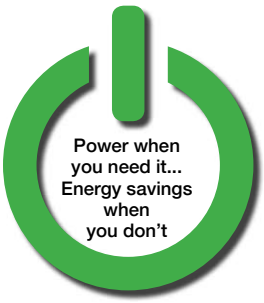
CBRS20WWR

	Back and Side Wired
Color	Standard*
Almond	**CBRS15ALWR**
Black	**CBRS15BLKWR**
Brown	**CBRS15WR**
Gray	**CBRS15GRYWR**
Ivory	**CBRS15IWR**
Light Almond	**CBRS15LAWR**
White	**CBRS15WWR**
Almond	**CBRS20ALWR**
Black	**CBRS20BLKWR**
Brown	**CBRS20WR**
Gray	**CBRS20GRYWR**
Ivory	**CBRS20IWR**
Light Almond	**CBRS20LAWR**
White	**CBRS20WWR**

*Note: *Fed. Spec. Listed.*

Straight Blade Devices

Permanently Marked Receptacles



- Permanent power symbol remains clearly visible after installation
- Control both outlets per device for 100% controlled applications or just one outlet for 50% controlled applications
- Ideal for commercial buildings, retail, schools, hotel rooms
- Part of the Bryant Automatic Outlet Control Systems. Visit www.bryant-electric.com for details

Permanently Marked Receptacles

Bryant permanently marked receptacles for automatic outlet control systems are embossed with the universally recognized power symbol and the word "CONTROLLED." These markings clearly identify which convenience outlets are turned OFF when the workspace is vacant.

Bryant Permanently Marked Receptacles for use with Automatic Outlet Control Systems

CBRS15C1WHI

CBRS15C2GN

DRS20C1GRY

DRS20C2I

Rating	Description	Color	One Controlled Face, Split Circuit Hot Tab	Two Controlled Faces	One Controlled Face, Split Circuit Hot Tab	Two Controlled Faces
			Duplex	Duplex	Decorator	Decorator
NEMA 5-15, 15A 125V	Permanently marked for use with automatic outlet control systems, smooth nylon face, back and side wired	Black Brown Gray Ivory Light Almond White	**CBRS15C1BLK** **CBRS15C1** **CBRS15C1GRY** **CBRS15C1I** **CBRS15C1LA** **CBRS15C1WHI**	**CBRS15C2BLK** **CBRS15C2** **CBRS15C2GRY** **CBRS15C2I** **CBRS15C2LA** **CBRS15C2WHI**	**DRS15C1BLK** **DRS15C1** **DRS15C1GRY** **DRS15C1I** **DRS15C1LA** **DRS15C1WHI**	**DRS15C2BLK** **DRS15C2** **DRS15C2GRY** **DRS15C2I** **DRS15C2LA** **DRS15C2WHI**
NEMA 5-20, 20A 125V	Permanently marked for use with automatic outlet control systems, smooth nylon face, back and side wired	Black Brown Gray Ivory Light Almond White	**CBRS20C1BLK** **CBRS20C1** **CBRS20C1GRY** **CBRS20C1I** **CBRS20C1LA** **CBRS20C1WHI**	**CBRS20C2BLK** **CBRS20C2** **CBRS20C2GRY** **CBRS20C2I** **CBRS20C2LA** **CBRS20C2WHI**	**DRS20C1BLK** **DRS20C1** **DRS20C1GRY** **DRS20C1I** **DRS20C1LA** **DRS20C1WHI**	**DRS20C2BLK** **DRS20C2** **DRS20C2GRY** **DRS20C2I** **DRS20C2LA** **DRS20C2WHI**

Note: Blue, green and red devices are available as MTO, consult factory.

Permanent Controlled Receptacle Label

Description	Catalog Number
For use in retrofit applications where indication of a controlled receptacle is required, this label is UL approved for marking and labeling, 60 labels of each per pack	**BCL60**

Codes and Standards

2014 National Electric Code®

2014 Section 406.3 (E) requires that all non-locking, 125V, 15A and 20A receptacles controlled by an automatic control device or by an automatic energy management system must be marked with the symbol.

ASHRAE Energy Efficiency Standard 90.1 2010

Standard 90.1-2010 requires that 50 percent of all 125V, 15A and 20A receptacles in private offices, open offices, and computer classrooms be controlled by an automatic control device. Controlled receptacles need to be marked to differentiate them from non-controlled receptacles.

California Title 24 2013

California Title 24 2013 requires that in all buildings, both controlled and uncontrolled 120V receptacles shall be provided in each private office, open office area, reception lobby, conference room, kitchenette in office spaces, and copy room.

Straight Blade Devices

USB Charger Receptacles and Outlets

Receptacle Features
- Two USB ports 3.8 Amp, 5V DC, type A, class 2.0
- Tamper-Resistant decorator duplex receptacle
- Standard and Hospital Grade
- cULus listed to UL498 and UL1310

4 Port Features
- Four USB ports 5 Amp, 5V DC, type A, class 2.0
- cETLus listed to UL 1310

2 Port Features
- Two USB ports 3.0 Amp, 5V DC, type A, class 2.0
- Shallow design to fit in delivery systems and for OEM use
- cULus Listed to UL 1310

USB Chargers

Bryant's USB Charger Receptacle provides both USB and electrical power in a standard single gang electrical opening. Designed to provide more charging options for personal electronics. The USB ports are capable of charging two tablets simultaneously.

The 4 Port and 2 Port Charger Outlets feature a USB port door, which when open enables power. When closed, all power is switched off. This eliminates all current flow for a "zero" no-load draw.

15A and 20A 125V USB Charger Receptacles

USBB15W TR

USBB8300W TR

Wiring		Back and Side Wired	
Style		Decorator	
Rating	Color	Standard	Hospital Grade
NEMA 5-15, 15A 125V	Black	**USBB15BK**	**USBB8200BK**
	Brown	**USBB15**	**—**
	Gray	**USBB15GY**	**USBB8200GY**
	Ivory	**USBB15I**	**USBB8200I**
	Light Almond	**USBB15LA**	**USBB8200LA**
	Red	**—**	**USBB8200R**
	White	**USBB15W**	**USBB8200W**
NEMA 5-20, 20A 125V	Black	**USBB20BK**	**USBB8300BK**
	Brown	**USBB20**	**—**
	Gray	**USBB20GY**	**USBB8300GY**
	Ivory	**USBB20I**	**USBB8300I**
	Light Almond	**USBB20LA**	**USBB8300LA**
	Red	**—**	**USBB8300R**
	White	**USBB20W**	**USBB8300W**

Note: See page R-6 for tamper-resistant description.

4 Port and 2 Port USB Charger Outlets

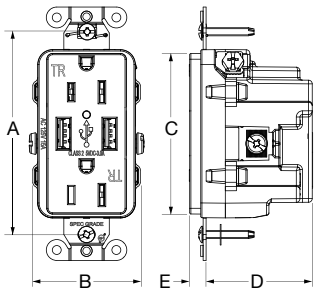
USBB4W

USBB2W

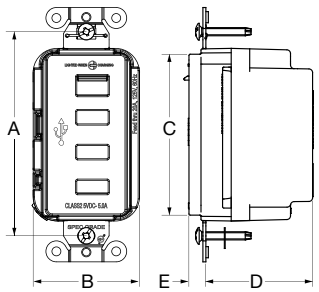
Wiring	Back and Side Wired	
Style	Decorator	
Color	4 Port	2 Port
Black	**USBB4BK**	**USBB2BK**
Brown	**USBB4**	**USBB2**
Gray	**USBB4GY**	**USBB2GY**
Ivory	**USBB4I**	**USBB2I**
Light Almond	**USBB4LA**	**USBB2LA**
White	**USBB4W**	**USBB2W**

Product Dimensions Inches (mm)

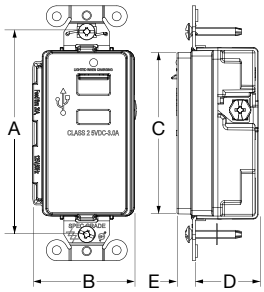
	Duplex	4 Port	2 Port
A	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)
B	1.75" (44.5)	1.72" (43.8)	1.75" (44.5)
C	2.62" (66.5)	2.62" (66.5)	2.62" (66.5)
D	1.73" (43.9)	1.73" (43.9)	1.01" (25.8)
E	0.27" (6.8)	0.27" (6.8)	0.30" (7.6)



Duplex Receptacles



4 Port



2 Port

Specifications are subject to change without notice.

Straight Blade Devices

QUADPLEX® Receptacles and Cord Sets

- Accepts up to four straight or angle plugs
- Heavy duty, triple-wipe, high performance brass line contacts for excellent retention and conductivity
- Break-off tab for two-circuit wiring (except surge)
- Saves wiring and installation time
- "A" and "B" circuits molded into face for easy identification
- Easily removable knockouts for mounting to octagon concrete ring or box

QUADPLEX®

Mounts directly to 4" square or octagon boxes. No cover plate required. Can be retrofitted to 1 and 2-gang device boxes, mud rings on 4" boxes or 4 11/16" boxes using adapter plate. Rugged impact resistant construction. Break-off tabs for split circuit wiring (except surge units).

15A and 20A 125V Receptacles and Cord Sets

QUADPLEX®

21254R

21254HIGO

21254SA

T1254SI6A

T1254GF6

Rating	Color	Standard
NEMA 5-15, 15A 125V	Black	**1254BLK**
	Brown	**1254B**
	Gray	**1254GY**
	Ivory	**1254I**
	Red	**1254R**
	White	**1254W**
NEMA 5-20, 20A 125V	Black	**21254BLK**
	Brown	**21254B**
	Gray	**21254GY**
	Ivory	**21254I**
	Red	**21254R**
	White	**21254W**

Color	Isolated Ground
Orange	**1254IGO**
	Bulk Package
Orange	**1254IGOB**
Orange	**21254HIGO**
	With Wire Leads
Orange	**21254IGOL**

Color	Surge Suppression Isolated Ground
Blue	**1254SA**
Ivory	**1254SIA**
Blue	**21254SA**
Ivory	**21254SIA**
	With Wire Leads
Blue	**21254SLA**
Ivory	**21254SILA**

Color	6 Foot Cord Sets, 12/3 SJO	
	Surge Suppression	GFCI
Ivory	**T1254SI6A**	—
Yellow	—	**T1254GF6**

Note: See Section C for isolated ground and surge protection products.

Adapter Plates and Portable Boxes

Color	Adapter Plates		Portable Boxes	
	For 1- and 2-Gang Device Boxes	For 4 11/16" Boxes	with Cord Grip	Feed-thru with Two Cord Grips
Black	**ADAPBLK**	—	**4SQBXBLK**	**4SQBXFBLK**
Blue	**ADAPBLU**	—	**4SQBXBLU**	—
Brown	**ADAPB**	—	**4SQBXB**	—
Gray	**ADAPGRY**	—	**4SQBXGRY**	—
Ivory	**ADAPI**	**ADAPIS**	**4SQBXI**	**4SQBXFI**
Orange	**ADAPO**	—	**4SQBXO**	—
Red	**ADAPR**	—	**4SQBXR**	**4SQBXFR**
White	**ADAPW**	—	**4SQBXW**	—

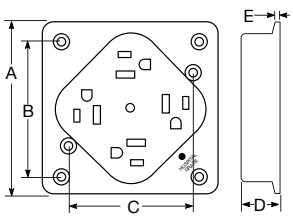
ADAPI

4SQBXI

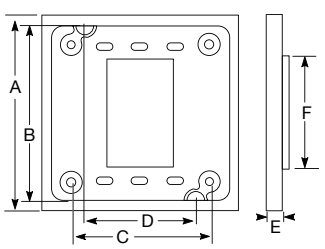
Product Dimensions Inches (mm)

	Receptacle	Adapter Plate	Portable Box
A	4.30" (109.2)	4.78" (121.4)	4.30" (109.2)
B	3.38" (85.9)	4.25" (108.0)	4.05" (102.9)
C	3.02" (76.7)	3.38" (85.9)	3.28" (85.9)
D	0.92" (23.4)	2.75" (69.9)*	0.84" (21.3)
E	0.10" (2.6)	0.38" (9.5)	0.75" (19.1)
F	–	2.75" (6.9)	–

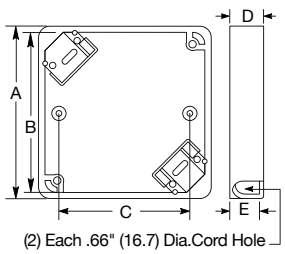
*Note: *Mounting dimensions for 4 11/16" adapter plate.*



Receptacle



Adapter Plate



(2) Each .66" (16.7) Dia.Cord Hole

Portable Box

Straight Blade Devices

Residential Grade Quick Thread Receptacles

Quick and Easy Does It

Residential Grade exclusive "Quick Thread" makes installation of wallplates and receptacles quicker and easier. One push for a snug fit. Just push in the screw and turn, see detail below.

15A 125V Quick Thread Tamper-Resistant Receptacles

RR15QLATR

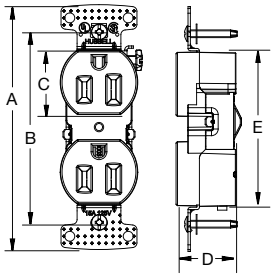
RR15EQWTR

Wiring		Push and Side Wired	Eight Push Wire Holes Only
Grounding		Self-Grounding	#14 AWG Only
Rating	Color	Catalog Number	Catalog Number
NEMA 5-15, 15A 125V	Black	**RR15QBKTR**	**RR15EQBKTR**
	Brown	**RR15QTR**	**RR15EQTR**
	Ivory	**RR15QITR**	**RR15EQITR**
	Light Almond	**RR15QLATR**	**RR15EQLATR**
	White	**RR15QWTR**	**RR15EQWTR**

Note: See page R-6 for tamper-resistant description.

Product Dimensions Inches (mm)

	Quick Thread Duplex
A	4.19" (106.4)
B	3.28" (83.3)
C	1.41" (28.5)
D	1.12" (23.6)
E	2.62" (66.6)



Residential Grade Duplex and Decorator Receptacles

15A 125V Duplex and Decorator Receptacles

RR15SW

RRD15SLA

RR15

RRD15GY

RR15KI

RRD15KW

Wiring		Push and Side Wired					
Grounding		Self-Grounding		Grounding			Self-Grounding
Rating	Color	Duplex	Decorator	Duplex	Decorator	Earless Duplex	Earless Decorator
NEMA 5-15, 15A 125V	Black	—	**RRD15SBK**	**RR15BK**	**RRD15BK**	—	**RRD15KBK**
	Brown	**RR15S**	**RRD15S**	**RR15**	**RRD15**	**RR15K**	**RRD15K**
	Gray	—	**RRD15SGY**	—	**RRD15GY**	—	**RRD15KGY**
	Ivory	**RR15SI**	**RRD15SI**	**RR15I**	**RRD15I**	**RR15KI**	**RRD15KI**
	Light Almond	**RR15SLA**	**RRD15SLA**	**RR15LA**	**RRD15LA**	**RR15KLA**	**RRD15KLA**
	White	**RR15SW**	**RRD15SW**	**RR15W**	**RRD15W**	**RR15KW**	**RRD15KW**

15A 125V Duplex and Decorator Tamper-Resistant Receptacles

RR15SALTR

RRD15SWTR

RR15KITR

RRD15KBKTR

RR15EWTR

RRD15EGYTR

Wiring		Push and Side Wired				Eight Push Wire Holes Only, #14 AWG	
Grounding		Self-Grounding		Grounding	Self-Grounding	Grounding	Self-Grounding
Rating	Color	Duplex	Decorator	Earless Duplex	Earless Decorator	Duplex	Decorator
NEMA 5-15, 15A 125V	Almond	**RR15SALTR**	**RRD15SALTR**	—	—	—	—
	Black	**RR15STR**	**RRD15SBKTR**	—	**RRD15KBKTR**	**RR15EBKTR**	**RRD15EBKTR**
	Brown	**RR15SBKTR**	**RRD15STR**	**RR15KTR**	**RRD15KTR**	**RR15ETR**	**RRD15ETR**
	Gray	—	**RRD15SGYTR**	—	**RRD15KGYTR**	—	**RRD15EGYTR**
	Ivory	**RR15SITR**	**RRD15SITR**	**RR15KITR**	**RRD15KITR**	**RR15EITR**	**RRD15EITR**
	Light Almond	**RR15SLATR**	**RRD15SLATR**	**RR15KLATR**	**RRD15KLATR**	**RR15ELATR**	**RRD15ELATR**
	White	**RR15SWTR**	**RRD15SWTR**	**RR15KWTR**	**RRD15KWTR**	**RR15EWTR**	**RRD15EWTR**

Note: See page R-6 for tamper-resistant description.

Straight Blade Devices

Residential Grade Duplex and Decorator Receptacles

15A 125V Duplex and Decorator Weather Resistant and Tamper-Resistant Receptacles

RR15SWWRTR

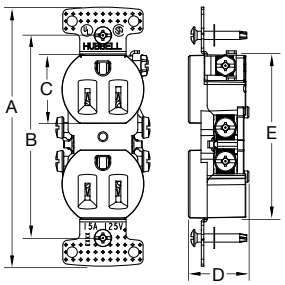
RRD15SWTR

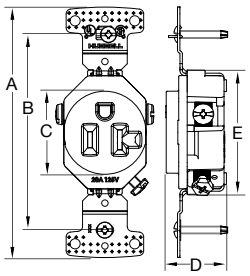
Wiring		Push and Side Wired	
Grounding		Self-Grounding	
Rating	Color	Duplex	Decorator
NEMA 5-15, 15A 125V	Black	**RR15SBKWRTR**	**RRD15SBKWRTR**
	Brown	**RR15SWRTR**	**RRD15SWRTR**
	Gray	**RR15SGYWRTR**	**RRD15SGYWRTR**
	Ivory	**RR15SIWRTR**	**RRD15SIWRTR**
	Light Almond	**RR15SLAWRTR**	**RRD15SLAWRTR**
	White	**RR15SWWRTR**	**RRD15SWWRTR**

Note: See page R-6 for tamper-resistant and weather resistant descriptions.

Product Dimensions Inches (mm)

	Duplex	Decorator	Single	Single Decorator
A	4.19" (106.4)	4.19" (106.4)	4.20" (106.7)	4.20" (106.7)
B	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)
C	1.41" (35.8)	—	1.41" (35.8)	—
D	0.93" (23.6)	0.93" (23.6)	1.01" (25.7)	1.01" (25.7)
E	2.62" (66.6)	2.62" (66.6)	2.08" (52.8)	2.08" (52.8)





Residential Grade Single and Single Decorator Receptacles

15A and 20A 125V and 250V Single Self-Grounding Receptacles

RR151I

RRD151BK

RR201GYTR

RRD201LATR

RR155WR

RR201WWRTR

Style		Standard		Tamper-Resistant		Weather Resistant	Weather Resistant Tamper-Resistant
Rating	Color	Duplex	Decorator	Duplex	Decorator	Duplex	Duplex
NEMA 5-15, 15A 125V	Almond	—	—	**RR151ALTR**	**RRD151ALTR**	—	**RR151ALWRTR**
	Black	**RR151BK**	**RRD151BK**	**RR151BKTR**	**RRD151BKTR**	—	**RR151BKWRTR**
	Brown	**RR151**	**RRD151**	**RR151TR**	**RRD151TR**	—	**RR151WRTR**
	Gray	**RR151GY**	**RRD151GY**	**RR151GYTR**	**RRD151GYTR**	—	**RR151GYWRTR**
	Ivory	**RR151I**	**RRD151I**	**RR151ITR**	**RRD151ITR**	—	**RR151IWRTR**
	Light Almond	**RR151LA**	**RRD151LA**	**RR151LATR**	**RRD151LATR**	—	**RR151LAWRTR**
	White	**RR151W**	**RRD151W**	**RR151WTR**	**RRD151WTR**	—	**RR151WWRTR**
NEMA 5-20, 20A 125V	Almond	—	—	**RR201ALTR**	**RRD201ALTR**	—	**RR201ALWRTR**
	Black	**RR201BK**	**RRD201BK**	**RR201BKTR**	**RRD201BKTR**	—	**RR201BKWRTR**
	Brown	**RR201**	**RRD201**	**RR201TR**	**RRD201TR**	—	**RR201WRTR**
	Gray	**RR201GY**	**RRD201GY**	**RR201GYTR**	**RRD201GYTR**	—	**RR201GYWRTR**
	Ivory	**RR201I**	**RRD201I**	**RR201ITR**	**RRD201ITR**	—	**RR201IWRTR**
	Light Almond	**RR201LA**	**RRD201LA**	**RR201LATR**	**RRD201LATR**	—	**RR201LAWRTR**
	White	**RR201W**	**RRD201W**	**RR201WTR**	**RRD201WTR**	—	**RR201WWRTR**
NEMA 6-15, 15A 250V	Almond	—	—	—	—	**RR155ALWR**	—
	Black	**RR155BK**	**RRD155BK**	—	—	**RR155BKWR**	—
	Brown	**RR155**	**RRD155**	—	—	**RR155WR**	—
	Gray	**RR155GY**	**RRD155GY**	—	—	**RR155GYWR**	—
	Ivory	**RR155I**	**RRD155I**	—	—	**RR155IWR**	—
	Light Almond	**RR155LA**	**RRD155LA**	—	—	**RR155LAWR**	—
	White	**RR155W**	**RRD155W**	—	—	**RR155WWR**	—
NEMA 6-20, 20A 250V	Almond	—	—	—	—	**RR205ALWR**	—
	Black	**RR205BK**	**RRD205BK**	—	—	**RR205BKWR**	—
	Brown	**RR205**	**RRD205**	—	—	**RR205WR**	—
	Gray	**RR205GY**	**RRD205GY**	—	—	**RR205GYWR**	—
	Ivory	**RR205I**	**RRD205I**	—	—	**RR205IWR**	—
	Light Almond	**RR205LA**	**RRD205LA**	—	—	**RR205LAWR**	—
	White	**RR205W**	**RRD205W**	—	—	**RR205WWR**	—

Straight Blade Devices

Triple Gripper® Extra Heavy Duty Industrial Plugs and Connectors

- Hand grip features wide-rib, non-slip design
- Double wall construction provides extra protection for internal components
- Universal cord grip design accepts .300 - .655 in. (7.6 – 16.6mm) cord without inserts or adapters
- Impact/chemical resistant, toughened nylon construction
- Face and body feature alignment keys for easy assembly
- Amperage, voltage and NEMA® configuration imprinted on face for easy identification

Patented Triple Gripper®

Bryant's Tech-Spec® plugs and connectors represent some of the industry's most recognized products as well as one of the finest series of plugs and connectors on the market. The quality of the non-slip, wide-ribbed handgrip, heavy duty double wall housing and tough, impact/chemical resistant nylon construction are second to none. They are easy to assemble and automatically center and secure the cord as the assembly screws are tightened - no external clamps or additional screws are required. An elastomeric dust seal prevents dust, moisture and contaminants from entering the wiring chamber.

15A and 20A 125V and 250V Plugs and Connectors, 2-Pole 3-Wire Inches (mm)

TECH-SPEC®

BRY5266NP

BRY5266NPB

BRY5266NPCR

BRY5269NC

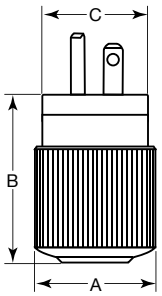
BRY5269NCSY

BRY5269NCCR

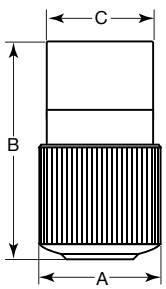
Device Type			Plug			Connector		
Rating	Cord Diameter	Color	Nylon	Nylon/ Polymer	Corrosion-Resistant Nylon/Polymer	Nylon	Nylon/ Polymer	Corrosion-Resistant Nylon/Polymer
NEMA 5-15, 15A 125V	.300"-.655" (7.6-16.6)	Black/White	**BRY5266NP**	–	–	**BRY5269NC**	–	**BRY5269NCCR**
	.245"-.655" (6.2-16.6)	Black	–	**BRY5266NPB**	–	–	**BRY5269NCB**	–
		Orange	–	**BRY5266NPOR**	–	–	–	–
		Yellow	–	**BRY5266NPSY**	**BRY5266NPCR**	–	**BRY5269NCSY**	–
NEMA 5-20, 20A 125V	.300"-.655" (7.6-16.6)	Black/White	**BRY5366NP**	–	–	**BRY5369NC**	–	**BRY5369NCCR**
	.245"-.655" (6.2-16.6)	Yellow	–	**BRY5366NPSY**	**BRY5366NPCR**	–	**BRY5369NCSY**	–
NEMA 6-15, 15A 250V	.300"-.625" (7.6-15.9)	Black/White	**BRY5666NP**	–	–	**BRY5669NC**	–	–
	.245"-.655" (6.2-16.6)	Yellow	–	**BRY5666NPSY**	–	–	–	–
NEMA 6-20, 20A 250V	.300"-.625" (7.6-15.9)	Black/White	**BRY5466NP**	–	–	**BRY5469NC**	–	–
	.245"-.655" (6.2-16.6)	Yellow	–	**BRY5466NPSY**	–	–	**BRY5469NCSY**	–

Product Dimensions Inches (mm)

	Plug	Connector
A	1.52" (38.6)	1.52" (38.6)
B	2.18" (55.4)	2.95" (74.9)
C	1.38" (35.1)	1.38" (35.1)



Plug



Connector

NEMA® is a registered trademark of the National Electrical Manufacturers Association.

Straight Blade Devices

COBRA® Heavy Duty Plugs and Connectors

- Hinged one piece body opens wide for easy wiring
- High visibility yellow for easy identification
- Impact/chemical resistant nylon construction
- Clamp-type terminals ensure secure wire terminations
- Adjustable cord inserts accommodate .220 - .660 in. (5.6 - 16.8mm) diameter cord
- Internal cord grips prevent conductor slippage
- Amperage/voltage rating molded in face

Why Bryant's COBRA Plugs and Connectors are Superior

Bryant's Cobra line of plugs and connectors have "high-visibility" yellow devices that are economical and fast to wire. The removable cord grip inserts offer a simple way of accommodating a wide range of cord diameters, while providing a powerful hold to prevent slippage and strain. The tough nylon body is designed for easy installation and includes captive screws which stay in place while wiring.

15A and 20A 125V and 250V Plugs and Connectors, 2-Pole 3-Wire Inches (mm)

COBRA®

BRY5965Y

5966VBK

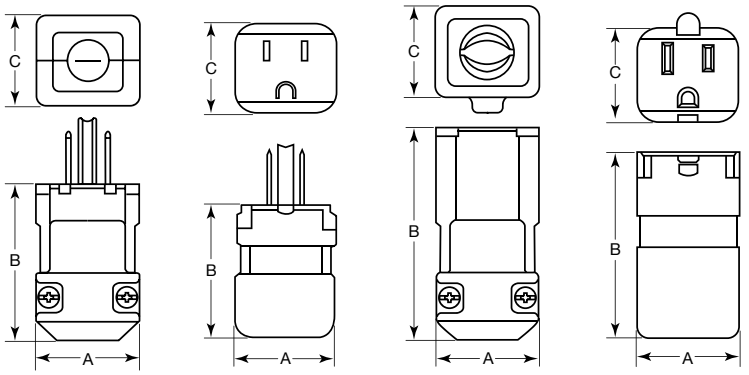
BRY5969Y

5969VBK

Device Type		Plug		Connector	
Rating	Cord Diameter	High Visibility Nylon Yellow	Insulation Displacement Nylon Black	High Visibility Nylon Yellow	Insulation Displacement Nylon Black
NEMA 5-15, 15A 125V	.220"-.660" (7.6-16.8)	**BRY5965Y**	**5966VBK**	**BRY5969Y**	**5969VBK**
NEMA 5-20, 20A 125V	.220"-.660" (7.6-16.8)	**5364Y**	–	**5369Y**	–
NEMA 6-15, 15A 250V	.220"-.660" (7.6-16.8)	**5666Y**	–	**5669Y**	–
NEMA 6-20, 20A 250V	.220"-.660" (7.6-16.8)	**5464Y**	–	**5469Y**	–

Product Dimensions Inches (mm)

	Plug		Connector	
	Yellow	Black	Yellow	Black
A	1.25" (31.8)	1.24" (31.5)	1.25" (31.8)	1.25" (31.8)
B	1.13" (28.7)	1.17" (29.7)	1.12" (28.4)	1.17" (29.7)
C	1.88" (47.8)	1.60" (40.6)	2.62" (66.5)	2.25" (57.2)



BRY5965Y 5966VBK BRY5969Y 5969VBK

15A and 20A 125V and 250V Plugs and Connectors, 2-Pole 3-Wire Inches (mm)

TECH-SPEC®

5266B

14W47BRY

5295

5369B

14W47BRY

Device Type		Plug			Connector	
		Standard	Watertight	Angle 12 Position	Standard	Watertight
	Cord Diameter	.245"-.655" (6.2-16.6)	.300"-.655" (7.6-16.6)	.300"-.655" (7.6-16.6)	.245"-.655" (6.2-16.6)	.300"-.655" (7.6-16.6)
Rating	Color	Thermoplastic	Elastomeric	Nylon	Thermoplastic	Elastomeric
NEMA 5-15, 15A 125V	Black	**5266B**	**BRY14W47BK**	**—**	**5269B**	**—**
	Gray	**5266BGRY**	**—**	**—**	**—**	**—**
	Yellow	**5266BY**	**BRY14W47**	**—**	**5269BY**	**BRY15W47**
	Black/White	**—**	**—**	**5295**	**—**	**—**
	Hi-Viz Green	**5156HVG***	**—**	**—**	**5159HVG***	**—**
	Hi-Viz Orange	**5156HVO***	**—**	**—**	**5159HVO***	**—**
NEMA 5-20, 20A 125V	Black	**5364B**	**—**	**—**	**5369B**	**—**
	Gray	**—**	**—**	**—**	**—**	**—**
	Yellow	**5364BY**	**BRY14W33**	**—**	**5369BY**	**BRY15W33**
	Black/White	**—**	**—**	**5395**	**—**	**—**
NEMA 6-15, 15A 250V	Yellow	**—**	**BRY14W49**	**—**	**—**	**BRY15W49**
	Black/White	**—**	**—**	**5695**	**—**	**—**
	Black	**5666B**	**—**	**—**	**5669B**	**—**
NEMA 6-20, 20A 250V	Yellow	**—**	**BRY14W48**	**—**	**—**	**BRY15W48**
	Black/White	**—**	**—**	**5475N**	**—**	**—**
	Black	**5464B**	**—**	**—**	**5469B**	**—**

*Note: *Hi-Viz green and orange devices are shipped in a display pack.*

Weather Protective Accessories

5200BPB

5200BCB

5200BSRB

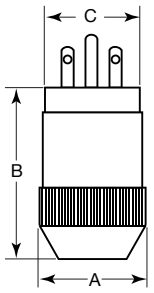
		Weather Protective Boots		Sealing Ring
Material	Color	For Use with 5266B Series Plug	For Use with 5269B Series Connector	For Use with 5200BC Series Connector Boot
Thermoplastic elastomer	Black	**5200BPB****	**5200BCB****	**5200BSRB****
	Yellow	**5200BP****	**5200BC****	**5200BSR****

*Note: **Not UL Listed or CSA Certified.*

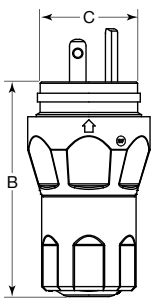
Product Dimensions Inches (mm)

	Plug		
	Standard	Watertight	Angled Plug
A	1.53" (38.9)	—	1.25" (31.8)
B	2.10" (53.3)	3.16" (80.3)	2.07" (52.6)
C	1.38" (35.1)	1.85" (47.1)	—

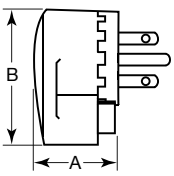
	Connector	
	Standard	Watertight
A	1.53" (38.9)	—
B	2.68" (68.1)	4.42" (112.1)
C	1.38" (35.1)	1.85" (47.1)



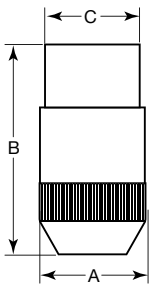
Plug



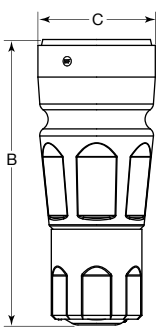
Watertight Plug



Angled Plug



Connector



Watertight Connector

15A 125V Plug and Connector, 2-Pole 2-Wire Inches (mm)

9754NS

9755N

Device Type		Plug	Connector
	Cord Diameter	.281"-.625" (7.1-15.9)	.281"-.625" (7.1-15.9)
Rating	Color	Polarized	Polarized
NEMA 1-15, 15A 125V	Black/White Black	**9754NS** **9754NSB**	**9755N** —

9700S

Adapter Sleeve	
Description	Catalog Number
Sleeve, strain relief, converts SPT cord to round, white, not UL Listed	**9700S**

7400BCR

Weather Protective Boot	
Description	Catalog Number
Yellow neoprene boot for use on both 9754NS and 9755N, yellow, not UL Listed	**7400BCR**

20A 125/250V Receptacle and Plug, 3-Pole 3-Wire Inches (mm)

9151N

9326

Device Type		Plug	Single Receptacle
	Cord Diameter	.320"-.910" (8.1-23.1)	—
Rating	Color	Nylon with Cord Grip	Thermoset, Side Wired
NEMA 10-20, 20A 250V	Black/White Black	**9151N** —	— **9326**

Plates for Single Receptacles

SS7

SS747

Plates for Single Receptacles

Description	Gang	Catalog Number
302/304 stainless steel	1-Gang 2-Gang	**SS7** **SS747**
Outdoor cast aluminum plate with lift cover	1-Gang	**7418B**

Note: See Section P more information on plates.

20A 3ØY 120/208V AC Plug, 4-Pole 4-Wire Inches (mm)

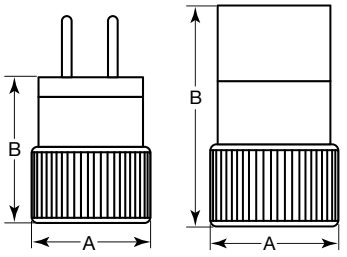
7251N

Device Type		Plug
	Cord Diameter	.375"-1.00" (9.5-25.4)
Rating	Color	Thermoplastic Construction
NEMA 18-20, 20A 3ØY 120/208V AC	Gray	**7251N***

*Note: *Device has no provision for a grounding conductor. Intended for use in applications where a separate grounding means is provided.*

Product Dimensions Inches (mm)

	Plug			Connector	Receptacle
	8754NS	9151N	7251N	9755N	9326
A	1.12" (28.7)	1.31" (33.3)	2.12" (53.8)	1.12" (28.4)	3.28" (83.3)
B	1.60" (40.6)	2.50" (63.5)	2.35" (59.7)	2.62" (66.5)	2.38" (60.5)
C	—	—	—	—	1.39" (35.2)
D	—	—	—	—	1.16" (29.4)
E	—	—	—	—	1.50" (38.1)



Plug Connector Single Receptacle

Floor Box Assemblies and Display Receptacles

5236BOX

3799G

Rating	Floor Box Assemblies	
	Description	Brushed Brass Plate
NEMA 5-15, 15A 125V	Specification grade single receptacle, gasketing and floor rated single gang steel box	**5236BOX**

Display Receptacles		
Description	Smooth Brushed Brass Finish	Nickel Plated Finish
Specification grade single receptacle	**3799G**	**3799GS**

Nightlight Only

3799G

Nightlight Devices	
Description	Catalog Number
LED 1.5 Lumen nightlight with polycarbonate full face lens for maximum illumination, 6 in. pre-wired stranded wire	**D100NLIV** **D100NLLA** **D100NLW**

Clock Hangers

2828GS

RR151CHSSTR TR

RR151CHWTR TR

RR1510W TR

Specification Grade			
Rating	Description	Smooth Brushed Brass Plate	Nickel Plated Finish
NEMA 5-15, 15A 125V	Specification grade single receptacle	**2828G**	**2828GS**
NEMA 5-20, 20A 125V		—	—

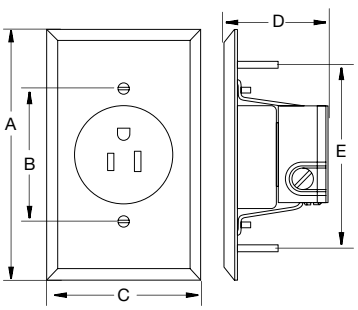
Note: See Section O for floor and under cabinet box options.

Residential Grade		Single Receptacle	Duplex
Description	Material/Color	Tamper-Resistant	Tamper-Resistant
Clock hanger/ recessed receptacle, grounding, side wire terminations	Brass Stainless Steel	**RR151CHBSTR** **RR151CHSSTR**	— —
	Ivory Light Almond White	**RR151CHITR** — **RR151CHWTR**	**RR1510I** **RR1510LA** **RR1510W**
	Brass Stainless Steel	— **RR201CHSSTR**	— —
	Ivory White	**RR201CHITR** **RR201CHWTR**	— —

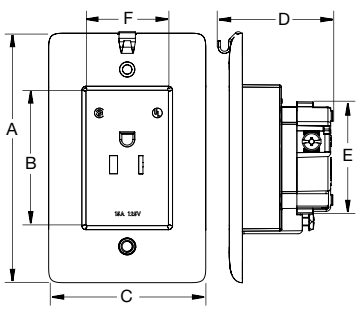
Note: See page R-6 for tamper-resistant description.

Product Dimensions Inches (mm)

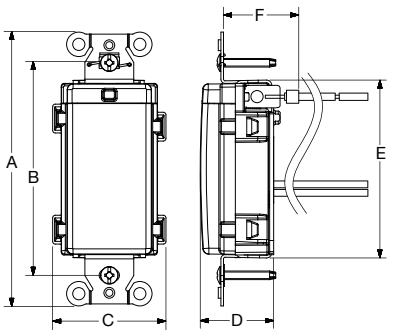
	Display Receptacles	Residential Clock Hanger	Nightlight Only
A	4.50" (114.3)	4.63" (117.5)	4.20" (106.8)
B	2.38" (60.5)	2.51" (63.8)	3.28" (83.4)
C	2.75" (69.9)	2.88" (73.0)	1.74" (44.2)
D	1.86" (47.2)	2.10" (53.3)	1.13" (33.3)
E	3.28" (83.3)	2.08" (52.8)	2.73" (69.4)
F	—	1.51" (38.4)	1.16" (29.3)



Display Receptacles



Residential Clock Hanger



Nightlight Only

Specifications are subject to change without notice.

Straight Blade Devices

Residential Grade Plugs, Connectors, Taps and Adapters

Plugs and Connectors

RP123I

RP123PI

RP101BK

RP646

RP648

RP102BK

RP649

Device Type		Straight Plug					Straight Connector	
Rating	Color	Non-Polarized, Two Blade, Spt 1 and 2 Cord 18/2 and 16/2 AWG	Polarized, Two Blade, Spt 1 and 2 Cord 18/2 and 16/2 AWG	Polarized, Two Blade, Light Duty, Wire Range: #16-18 AWG, Up to .25 In. Diameter Cord	Non-Polarized, Two Blade, Heavy Duty, Wire Range: #14-18 AWG, Up to .33 In. Diameter Cord	Polarized, Two Blade, Heavy Duty, Wire Range: #14-18 AWG, Up to .33 In. Diameter Cord	Polarized, Two Blade, Light Duty, Wire Range: #16-18 AWG, Up to .25 In. Diameter Cord	Polarized, Two Blade, Heavy Duty, Wire Range: #14-18 AWG, Up to .33 In. Diameter Cord
NEMA 1-15, 15A 125V	Black	—	—	**RP101BK**	**RP646**	**RP648**	**RP102BK**	**RP649**
	Ivory	**RP123I**	**RP123PI**	—	—	—	—	—
	White	**RP123W**	**RP123PW**	**RP101W**	—	—	**RP102W**	—

Plugs, Taps and Adapters

RT600W

RT300W

RT303

RT200

RT100W

9053AB

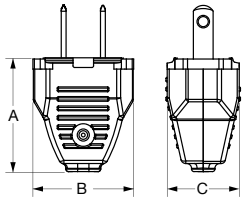
9054AB

Description	Duplex Receptacle, Six Outlets	Single Receptacle, Three Outlets	Single Receptacle, Three Outlets	Two Wire to U-Ground	Cube Tap, without Ground	Male end: 10A 250V, 15A 125V, Locking Female end: 15A 125V, Straight Blade	Male end: 15A 125V, Straight Blade Female end: 10A 250V, 15A 125V, Locking
Rating	NEMA 5-15, 15A 125V						
Ivory	**RT600I**	**RT300I**	—	**RT200**	—	—	—
White	**RT600W**	**RT300W**	—	—	**RT100W**	**9053AB***	**9054AB*†**
Orange	—	—	**RT303**	—	—	—	—

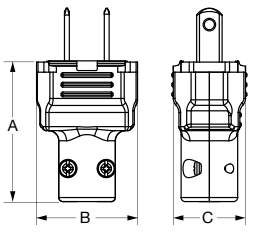
Note: Adapters are not intended to be used as a replacement for permanent devices. They are intended for temporary use only.
**Not UL Listed.*
†Must always be used with grounded receptacle.

Product Dimensions Inches (mm)

	RP123	RP101	RP102	RP646/RP648	RP649
A	1.41" (35.8)	1.73" (43.9)	2.19" (55.6)	2.00" (50.8)	2.67" (67.8)
B	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.50" (38.1)	1.49" (37.8)
C	0.89" (22.6)	0.89" (22.6)	0.83" (21.2)	1.60" (40.6)	1.60" (40.6)
D	—	—	—	0.71" (17.9)	0.73" (18.5)



RP123



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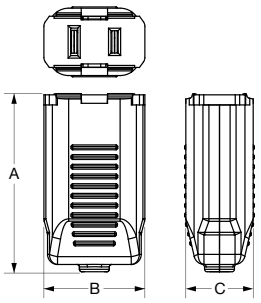

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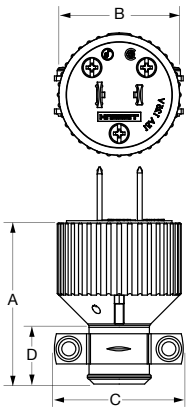

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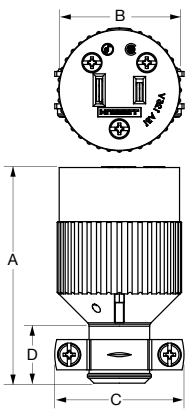


RP649

Straight Blade Devices

30 Amp Industrial Grade Plugs, Connectors and Receptacles

30A 125V, 250V, 125/250V AC and 3Ø 250V AC Plugs, Connectors and Receptacles Inches (mm)

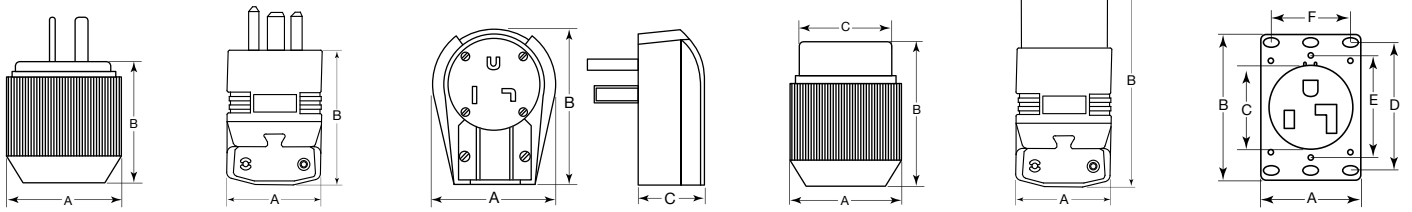
9630NP | 9337NP | 9530ANPB | RR335P | 9630NC | 9530FR | RR430FW | RR430PM

Device Type		Plug			Connector	Receptacle			
		Standard	Angle 12 Position	Angle Residential Grade	Standard	Flush			Surface
Cord Diameter		.425"-1.320" (10.8-33.5)	.625"-1.380" (15.9-35.1)	.600"-1.110" (15.2-28.2)	.425"-1.320" (10.8-33.5)				
Rating	Color	Thermoplastic	Nylon	Black without Ground	Thermoplastic	Color	Reinforced Thermoplastic Polyester	Residential Grade	Residential Grade
NEMA 5-30, 30A 125V 2-Pole 3-Wire	Black/White Gray	— **9530NP**	**9530ANPB** —	— —	— **9530NC**	Black	**9530FR**	—	—
						Orange Isolated Ground	**9530IG**	—	—
NEMA 6-30, 30A 250V 2-Pole 3-Wire	Black/White Gray	— **9630NP**	**9630ANPB**	— —	— **9630NC**	Black	**9630FR**	—	—
						Orange Isolated Ground	**9630IG**	—	—
NEMA 10-30, 30A 125/250V AC 3-Pole 3-Wire	Black/White Gray	**9337NP*** —	— —	**RR335P*** *Supplied with interchangeable blades for 30 or 50 amp configuration*	— **9337NC***	Black	**9303***	**RR330F***	**RR330***
NEMA 14-30, 30A 125/250V AC 3-Pole 4-Wire	Black/White Gray	— —	**9432ANPB** —	**RR435P** *Supplied with interchangeable blades for 30 or 50 amp configuration*	— —	Black White Black	**9430FR** —	**RR430F** **RR430FW**	**RR430** — Panel Mount **RR430PM**
NEMA 15-30, 30A 3Ø 250V AC 3-Pole 4-Wire	Black/White Gray	**8430NP** —	**8432ANPB** —	— —	— —	Black	**8430FR**	—	—

*Note: *Device has no provision for a grounding conductor. Intended for use in applications where a separate grounding means is provided.*
Receptacles can be mounted in single or two gang boxes.
See Section C for isolated ground products.

Product Dimensions Inches (mm)

	Plug			Connector		
	Gray	Black/White	Angled Plug	Gray	Black/White	Receptacle
A	3.12" (79.2)	2.88" (73.0)	3.25" (82.6)	2.59" (65.8)	2.88" (73.0)	2.25" (57.2)
B	3.81" (96.8)	4.13" (104.8)	4.19" (106.4)	5.19" (131.8)	5.75" (146.1)	3.68" (93.5)
C	—	—	1.75" (82.6)	3.12" (79.2)	2.50" (63.5)	2.12" (54.0)
D	—	—	—	—	—	2.50" (63.5)
E	—	—	—	—	—	2.37" (60.3)
F		—			—	1.81" (46.0)



Gray Plug | Black/White Plug | Angled Plug | Gray Connector | Black/White Connector | Receptacle

Specifications are subject to change without notice.

Straight Blade Devices

50 Amp Industrial Grade Plugs, Connectors and Receptacles

50A 125V, 250V, 125/250V AC, 3Ø 250V AC and 3ØY 120/208V AC Plugs, Connectors and Receptacles Inches (mm)

9650NP

9450NP

9550ANPB

RR435P

9650NC

7516NC

9550FR

RR450FW

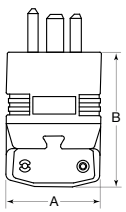
RR450

Device Type		Plug			Connector		Receptacle		
		Standard	Angle 12 Position	Angle Residential Grade	Standard		Flush		Surface
Cord Diameter		.425"-1.320" (10.8-33.5)	.625"-1.380" (15.9-35.1)	.600"-1.110" (15.2-28.2)	.425"-1.320" (10.8-33.5)				
Rating	Color	Thermoplastic	Nylon	Black without Ground	Thermoplastic	Color	Reinforced Thermoplastic Polyester	Residential Grade	Residential Grade
NEMA 5-50, 50A 125V 2-Pole 3-Wire	Black/White	—	**9550ANPB**	—	—	Black	**9550FR**	—	—
NEMA 6-50, 50A 250V 2-Pole 3-Wire	Black/White Gray	— **9650NP**	**9650ANPB** —	— —	— **9650NC**	Black	**9650FR**	—	—
NEMA 10-50, 50A 125/250V AC 3-Pole 3-Wire	Black/White	**7513NP***	—	**RR335P*** *Supplied with interchangeable blades for 30 or 50 amp configuration*	**7516NC*** —	Black Brown	— **9306***	—	**RR350***
NEMA 14-50, 50A 125/250V AC 3-Pole 4-Wire	Black/White	**9450NP**	**9452ANPB**	**RR435P** *Supplied with interchangeable blades for 30 or 50 amp configuration*	—	Black White Black	**9450FR** —	**RR450F** **RR450FW**	**RR450** Panel Mount **RR450PM**
NEMA 15-50, 50A 3Ø 250V AC 3-Pole 4-Wire	Black/White	**8450NP**	**8452ANPB**	—	—	Black	**8450FR**	—	—
NEMA 18-50, 50A 3ØY 120/208V AC 4-Pole 4-Wire	Black/White	—	**8352ANPB**	—	—	Black	**8350FR**	—	—

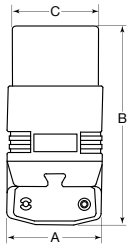
*Note: *Device has no provision for a grounding conductor. Intended for use in applications where a separate grounding means is provided.*
Receptacles can be mounted in single or two gang boxes.
See page A-24 for additional product dimensions.

Product Dimensions Inches (mm)

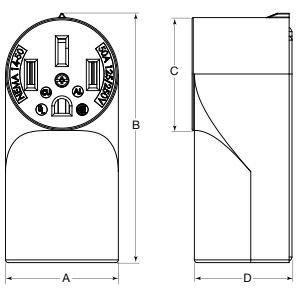
	Plug, Black/White	Connector, Black/White	Surface Receptacle
A	2.88" (73.0)	2.59" (65.8)	2.50" (63.5)
B	4.13" (104.8)	5.19" (131.8)	5.49" (139.5)
C	—	3.12" (79.2)	2.50" (63.5)
D	—	—	2.21" (56.2)



Black/White Plug



Black/White Connector



Surface Receptacle

60A 125/250V AC, 3Ø 250V AC and 3ØY 120/208V AC Plugs and Receptacles Inches (mm)

9460NP

8462ANPB

8460FR

SS701

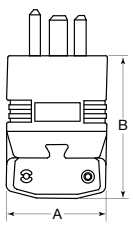
Device Type		Plug		Receptacle
		Standard	Angle 12 Position	Flush
Cord Diameter		.425"-1.320" (10.8-33.5)	.625"-1.380" (15.9-35.1)	Reinforced Black Thermoplastic Polyester
Rating	Color	Thermoplastic	Nylon	
NEMA 14-60, 60A 125/250V 3-Pole 4-Wire	Black/White	**9460NP**	**9462ANPB**	**9460FR**
NEMA 15-60, 60A 3Ø 250V AC 3-Pole 4-Wire	Black/White	**8460NP**	**8462ANPB**	**8460FR**
NEMA 18-60, 60A 3ØY 120/208V AC 4-Pole 4-Wire	Black/White	—	**8362ANPB***	**8360FR***

Stainless Steel Wallplate	
For Flush Receptacles	
Descripton	Catalog Number
2-gang, 1-single 2.40" (63.0) diameter hole	**SS701**

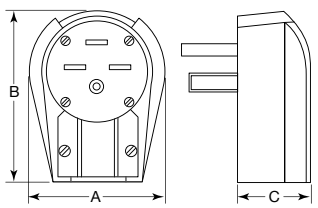
*Note: *Device has no provision for a grounding conductor. Intended for use in applications where a separate grounding means is provided. Receptacles fit standard boxes 4 11/16 in. square and not less than 2.23 in. (54.0) deep.*

Product Dimensions Inches (mm)

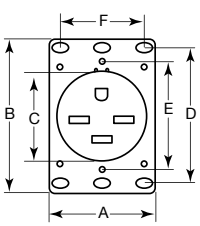
	Plug	Angled Plug	Receptacle
A	2.88" (73.0)	3.25" (82.6)	2.25" (57.2)
B	4.13" (104.8)	4.19" (106.4)	3.68" (93.5)
C	—	1.75" (82.6)	2.12" (54.0)
D	—	—	2.50" (63.3)
E	—	—	2.37" (60.3)
F	—	—	1.81" (46.0)



Plug



Angled Plug



Receptacle

Straight Blade Devices

Weather Protective Boots, Adapter Sleeves and PLUGBOX® Devices

- Thermoplastic elastomer construction helps prevent moisture, dust and other contaminants from infiltrating plugs and connectors for excellent ozone and weather resistance
- Resistant to deterioration by oils and heat
- Connector sealing ring provides extra protection when plug and connector are not mated

- Complies with OSHA Lockout/Tagout regulation 29CFR 1910.147
- Protects against unexpected start-up of equipment during maintenance and repair work and discourages unauthorized use of tools and equipment
- UV stabilized polypropylene housing

Weather Protective Boots

5200BPB

5200BPC

5200BSRB

Description	Color	For use with Plugs	For use with Connectors	Sealing Cap for use with 5200BC Series Connector Boot
Thermoplastic elastomer boot for use with 15A nylon locking and straight blade devices	Black Yellow	**5200BPB** **5200BP**	**5200BCB** **5200BC**	**5200BSRB** **5200BSR**
Neoprene boot for use with 15A 2-pole 2-wire, NEMA 1-15, straight blade nylon plugs and connectors	Yellow	**7400BCR**	**7400BCR**	—
Thermoplastic elastomer boot for use with 7465N plug when used with 7464N connector or 7468N female equipment receptacle, also for use with connector when used with 7466N male base	Black	**7460BP**	—	—
Thermoplastic elastomer boot for use with 7464N connector when used with 7465N plug	Black	—	**7460BC**	—

Adapter Sleeves

Description	Color	Catalog Number
Rubber adapter sleeve, strain relief for use with 2-pole 2-wire straight blade nylon plugs and connectors, NEMA 1-15	White	**9700S**

9700S

PLUGBOX® Devices

BLDMP

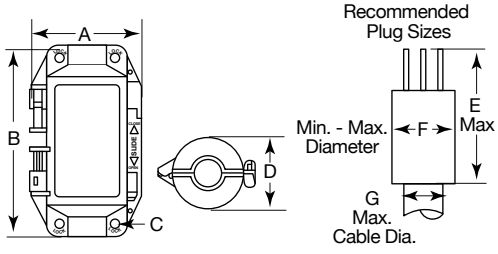
BLD

BLD2

Description	Used with 15A and 20A Plugs	Used with 20A and 30A Plugs	Used with 30A, 50A and 60A Plugs
Red polypropylene lockout device	**BLDMP**	**BLD**	**BLD2**

Product Dimensions Inches (mm)

	BLDMP	BLD	BLD2
A	3.14" (79.8)	4.27" (108.5)	6.31" (160.3)
B	4.22" (107.2)	7.27" (184.7)	12.51" (317.8)
C	(2) 0.32" (8.1)	(4) 0.39" (9.9)	(4) 0.39" (9.9)
D	2.57" (65.3)	3.10" (78.7)	5.00" (127.0)
E	3.70" (94.0)	4.75" (120.7)	10.15" (257.8)
F	0.79"-1.73" (20.1-43.9)	1.50"-2.75" (38.1-69.9)	1.90"-4.50" (48.3-114.3)
G	0.64" (16.3)	1.11" (28.2)	1.45" (36.8)



BLD

Straight Blade Devices

Technical Specifications - Hospital and Industrial Grade Receptacles

Hospital and Industrial Grade Receptacles

BRY8200I

9200I

BRY5262I

9252I

	Hospital Grade		Standard	
Description	Duplex	Decorator	Duplex	Decorator
Typical specification catalog number	BRY8200	9200	BRY5262	9252
Manufacturer's identification	Bryant BRY8200	Bryant 9200	Bryant BRY5262	Bryant 9252
Description	Hospital grade straight blade receptacle, back and side wired		Industrial grade straight blade duplex receptacle, back and side wired	
Type	2-pole, 3-wire, grounding		2-pole, 3-wire, grounding	
Rating	15A 125V, NEMA 5-15R		15A 125V, NEMA 5-15R	

Certification

UL Listed to 498, CSA Certified to C22.2, No. 42	Complies with NEMA® WD-1 and WD-6 requirements Verified under Fed. Spec. WC596 (Standard only)

Materials Inches (mm)

		Industrial Grade Materials	
Components	Hospital Grade Materials	Duplex	Decorator
Cover and base	Nylon	Nylon	Nylon cover with thermolastic polyester base
Terminal screws	Combination brass #10-32	Combination brass #10-32	Combination brass #8-32
Grounding contacts	High-performance copper alloy	High-performance copper alloy	High-performance brass
Auto grounding assembly	High-performance copper alloy, tin plated	High performance copper alloy	Heavy copper rivets
Line contacts	Nickel plated	High performance copper alloy	
Clamp nut	Brass	Steel-zinc plated	
Mounting yoke	Steel, nickel and brass plated 0.05" (1.3mm)	Steel, nickel and brass plated 0.05" (1.3mm)	
Grounding screw/clip	Combination brass screw (green) #8-32	Stainless steel clip	
Mounting screws	Combination steel-zinc plated	Combination steel-zinc plated	
Circuit ID	Hot stamp (N/A on Decorator)	Hot stamp (N/A on Decorator)	

Performance

Electrical	
Dielectric voltage	Withstands 2,000V minimum
Max. working voltage	125V - 250V as rated
Current interrupting	Certified for current interrupting at full rated current
Temperature rise	Max 30°C temperature rise at full rated current after 50 cycles of overload at 150% of rated direct current
Mechanical	
Terminal identification	Terminals identified in accordance with UL 498 (brass, white, green)
Terminal accommodation	#14-10 AWG solid or stranded copper conductor only
Product identification	Ratings are a permanent part of the device
Environmental	
Flammability	Top and base - UL 94 V2
Operating temperatures	Maximum continuous 60°C, minimum -40°C (without impact)

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Straight Blade Devices

Technical Specifications - Commercial Receptacles

CRS15

DRS20GRY

USBB8300

Commercial Receptacles

	Standard		Hospital Grade
Description	Duplex	Decorator	Charger Receptacle
Typical specification catalog number	CRS15 (TR, WRTR)	DRS15 (TR, WRTR)	USBB8300
Manufacturer's identification	Bryant CRS15	Bryant DRS15	USBB8300
Description	Commercial grade straight blade receptacle, back and side wired		USB charger, two USB ports 3.8A, 5V DC, type A, class 2.0, LED green indicator
Type	2-pole, 3-wire, Grounding		2-pole, 3-wire, grounding
Rating	15A 125V, NEMA 5-15R		20A, 125V AC, USB 3.8 Amp, 5V DC

Certification

UL Listed to 498, CSA Certified to C22.2, No. 42	Complies with NEMA® WD-1 and WD-6 requirements Verified under Fed. Spec. WC596 (Standard only)	NEMA® WD-6 Compliant (USB8200 and 8300 series only). cULus Listed to UL498 and UL1310

Materials Inches (mm)

Components	Materials	Materials
Cover and base	Nylon WR version Nylon - UV rated	Nylon
Double-wipe power contacts	Brass - 0.030" (.8mm)	0.030" (.8mm) Cooper Alloy
Wire clamp	0.062" (1.6mm) steel-nickel plated	Plated steel
Mounting strap	Steel (galvanized) - 0.040" (1mm)	Steel (galvanized) - 0.040" (1mm)
Ground contact	Brass - 0.030" (.8mm)	Brass
Line terminal screws	#8-32 plated steel, multiple drive	Plated steel
Ground screw	#8-32 plated steel, multiple drive	Plated steel
Self-grounding staple	Stainless steel	Stainless steel
Mounting screws	Zinc plated steel, WR version - stainless steel	Zinc plated steel

Performance

Electrical		
Dielectric voltage	Withstands 2,000V minimum	
Max. working voltage	125V as rated	
Current interrupting	Certified for current interrupting at full rated current	
Temperature rise	Max 30°C temperature rise at full rated current after 50 cycles of overload at 150% of rated direct current at a power factor of 75%	
Mechanical		
Terminal identification	Terminals identified in accordance with UL 498 (brass, white, green)	Terminals identified in accordance with UL 498 and CSA (brass, white, green)
Terminal accommodation	#14-10 AWG solid or stranded copper conductor only	
Product identification	Ratings are a permanent part of the device	
Circuit feed-through	—	20 Amp 125 Volt
USB port	—	Stainless steel rated for 10,000 plug insertions and removal
Environmental		
Flammability	UL 94 V2	UL 94 V5
Operating temperatures	Maximum continuous 75°C, minimum -40°C (without impact)	

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Straight Blade Devices

Technical Specifications - Plugs and Connectors

BRY5266NP

BRY5269NC

Plugs and Connectors

Description	
Typical specification catalog number	BRY5266NP, BRY5269NC
Manufacturer's identification	Bryant BRY5266NP, BRY5269NC
Description	Heavy duty straight blade plug/connector
Type	2-pole, 3-wire, grounding
Rating	15A 125V, NEMA 5-15

Certification

UL Listed, Guide AXUT CSA Certified, Guide 20T2 Listed to UL Standard 498 (attachment plug and receptacles)	CSA Certified to C22.2, No. 42 (general use receptacles) Fed. Spec. WC596 (where applicable) Complies with NEMA® Standards WD-1, WD-6

Materials

Components	Materials
Face/cord grip	Impact modified nylon
Cover (housing)	High-impact, V-O Valox®
Terminal cover	Clear polycarbonate
Dust seal	Thermoplastic elastomer
Plug blades	Brass
Connector contacts	High performance copper alloy
Terminal clamp nut	Zinc-plated steel
Terminal screws	#8-32 brass, silver finish on neutral screw, green finish on grounding screw
Assembly screws	Zinc-plated steel

Performance Inches (mm)

Electrical	
Dielectric voltage	Withstands 1500V per UL498
Max. working voltage	250V AC or DC
Current interrupting	Certified for current interrupting at full rated current
Temperature rise	Max 30°C temperature rise at full rated current after 50 cycles of overload at 150% of rated direct current

Mechanical	
Terminal identification	Terminals identified in accordance with UL 498 (brass, white, green)
Terminal accommodation	#18-10 AWG flexible cord
Product identification	Ratings and NEMA® identification are permanently marked on device
Cord accommodation	Round portable service cords in accordance with device ratings as defined in UL Standard 62, CSA C22.2 No. 49
Cord Grip Range	0.25"-0.66" (6.2-16.6mm)

Environmental	
Flammability	HB or better per UL 94
Operating temperatures	Maximum continuous 60°C, minimum -40°C (without impact)

NEMA® is a registered trademark of the National Electrical Manufacturers Association.
Valox® is a registered trademark of Sabic Innovative Plastics.

Section B
Ground Fault Devices

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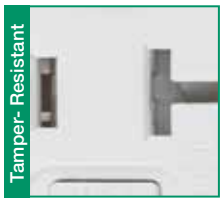
Ground Fault Devices

Bryant Self Test GFCI Patented Technology and Features

CIRCUITPRO® Self Test Technology 1st introduced by Bryant over 10 years ago!
…self test monitoring now required in 2015 UL 943 GFCI Safety Standard…



Bryant Self Test GFCI Patented Technology

Bryant CIRCUITPRO® GFCI receptacles continually test and monitor for "people protection capability" automatically. This patented safety feature includes disconnecting power to the receptacle if critical components are damaged and GFCI protection is lost. GFCI auto-monitoring is conducted continuously within every 30 seconds.

Also, clear visual indicators are provided on the device face representing power status, trip condition, ground fault condition and end of life status. In addition, for added safety, power will be denied to the receptacle face if reverse wiring of line and load was to occur.

UL (Underwriters Laboratory) now requires all manufacturers to provide self test monitoring capability effective June 29, 2015. When was the last time you tested a GFCI receptacle? Industry studies indicate only a very small number of installations are actually being tested as is recommended by the manufacturer and UL. This is the fundamental reason this new revision has been incorporated into UL 943 standard for 2015.

Each Ground Fault Receptacle must automatically monitor GFCI functionality periodically	If the unit can no longer provide GFCI protection, it must comply with the following	Reverse line and load miswire function – (repeated)
Automatically test within (5) seconds of power to line and load terminals, periodically means every (3) hours or less.	Deny Power (trip with the inability to reset), if unit does reset it is subject to the next auto-monitoring test cycle. Visual and/or audible indication that it no longer can provide protection.	If the line conductor is wired to the load terminal, power to the receptacle face will be denied. This includes both the initial installation and any subsequent reinstallations.

Features

- **Patented CIRCUITPRO® Technology** — Continuous Self Test functionality and disconnects power to receptacle if critical components are damaged and GFCI protection is lost
- **Federal Communications Commission Part 15** — Compliant for radiated and conducted emissions
- **Thermoplastic Nylon Housing** — High-impact and ultraviolet resistant construction provides resilience in harsh environments
- **Clear Visual Indication of Ground Fault Receptacle Status** — LED indicating lights:
  - Green LED (power to the device)
  - Red LED (trip condition/ground fault condition)
  - Flashing Red LED (end of life)
- **Internal Back Wiring Clamp and Guide Pocket** — Quick and dependable termination
- **Protection Against Line and Load Reversal** — No power to the face or downstream receptacles if device is miswired
- **Installation Ease, Lower Labor Cost** — With auto-grounding clip, captive mounting screws and single tab "breakoff" ears and full "breakoff" for OEM raised covers
- **Night Light Option** — Light sensor controls for automatic "ON/OFF" and custom dual lens for optimum light output

Ground Fault Devices

UL Standard 943
Class A GFCI

Commercial Tamper-Resistant GFCI Receptacles

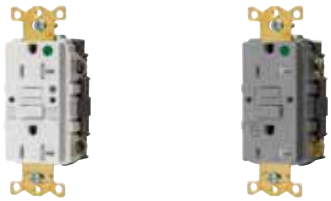
GFTRST20

Features

- Patented CIRCUITPRO® self test technology includes disconnecting power to the receptacle if critical components are damaged and GFCI protection is lost
- Patented shutter design for tamper-resistant protection
- Compliant with NEC® 406.12 and NEC® 517-18(c)
- Alarm version provides audible notification of a trip condition

Tamper-Resistant

Rating	Color	Standard	Night Light Two LED Night Lights	Alarm	Combination Switch 15A 120V Switch	Standard 3-Pack Three Devices per Pack
NEMA 5-15, 15A 125V	Almond	**GFTRST15AL**	**GFTRST15ALNL**	**GFTRST15ALZ**	—	—
	Black	**GFTRST15BK**	**GFTRST15BKNL**	**GFTRST15BKZ**	—	—
	Brown	**GFTRST15**	**GFTRST15NL**	**GFTRST15Z**	—	—
	Gray	**GFTRST15GY**	**GFTRST15GYNL**	**GFTRST15GYZ**	—	—
	Ivory	**GFTRST15I**	**GFTRST15INL**	**GFTRST15IZ**	**GFSPST15I**	**GFTRST15I3**
	Light Almond	**GFTRST15LA**	**GFTRST15LANL**	**GFTRST15LAZ**	**GFSPST15LA**	**GFTRST15LA3**
	Red	**GFTRST15R**	**GFTRST15RNL**	**GFTRST15RZ**	—	—
	White	**GFTRST15W**	**GFTRST15WNL**	**GFTRST15WZ**	**GFSPST15W**	**GFTRST15W3**
NEMA 5-20, 20A 125V	Almond	**GFTRST20AL**	**GFTRST20ALNL**	**GFTRST20ALZ**	—	—
	Black	**GFTRST20BK**	**GFTRST20BKNL**	**GFTRST20BKZ**	—	—
	Brown	**GFTRST20**	**GFTRST20NL**	**GFTRST20Z**	—	—
	Gray	**GFTRST20GY**	**GFTRST20GYNL**	**GFTRST20GYZ**	—	—
	Ivory	**GFTRST20I**	**GFTRST20INL**	**GFTRST20IZ**	—	**GFTRST20I3**
	Light Almond	**GFTRST20LA**	**GFTRST20LANL**	**GFTRST20LAZ**	—	**GFTRST20LA3**
	Red	**GFTRST20R**	**GFTRST20RNL**	**GFTRST20RZ**	—	—
	White	**GFTRST20W**	**GFTRST20WNL**	**GFTRST20WZ**	—	**GFTRST20W3**

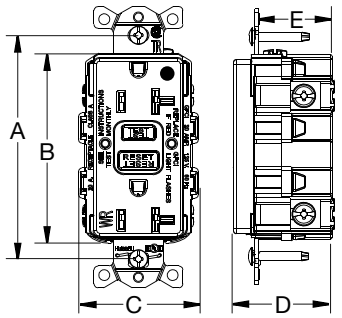


Hospital Grade ● Tamper-Resistant

Rating	Color	Night Light Two LED Night Lights	Alarm
NEMA 5-15, 15A 125V	Almond	**GFST82ALTRNL**	**GFST82ALTRZ**
	Black	**GFST82BKTRNL**	**GFST82BKTRZ**
	Brown	**GFST82TRNL**	**GFST82TRZ**
	Gray	**GFST82GYTRNL**	**GFST82GYTRZ**
	Ivory	**GFST82ITRNL**	**GFST82ITRZ**
	Light Almond	**GFST82LATRNL**	**GFST82LATRZ**
	Red	**GFST82RTRNL**	**GFST82RTRZ**
	White	**GFST82WTRNL**	**GFST82WTRZ**
NEMA 5-20, 20A 125V	Almond	**GFST83ALTRNL**	**GFST83ALTRZ**
	Black	**GFST83BKTRNL**	**GFST83BKTRZ**
	Brown	**GFST83TRNL**	**GFST83TRZ**
	Gray	**GFST83GYTRNL**	**GFST83GYTRZ**
	Ivory	**GFST83ITRNL**	**GFST83ITRZ**
	Light Almond	**GFST83LATRNL**	**GFST83LATRZ**
	Red	**GFST83RTRNL**	**GFST83RTRZ**
	White	**GFST83WTRNL**	**GFST83WTRZ**

Product Dimensions Inches (mm)

	GFCI Receptacle
A	3.27" (83.1)
B	2.75" (69.8)
C	1.75" (44.5)
D	1.47" (37.4)
E	1.10" (27.9)



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Ground Fault Devices

UL Standard 943
Class A GFCI

Commercial Standard and Hospital Grade GFCI Receptacles

GFRST15WNL

Features

- Patented CIRCUITPRO® self test technology includes disconnecting power to the receptacle if critical components are damaged and GFCI protection is lost
- Internal back wiring clamp and guide for quick and secure termination
- Night light option includes light sensor controls for automatic ON and OFF, custom dual lens for optimum light output
- Fed. Spec. UL Listed (Hospital Grade)

Standard

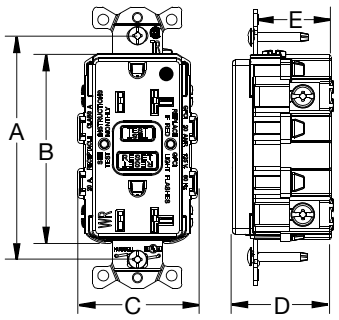
Rating	Color	Standard	Night Light Two LED Night Lights	Alarm	Blank Face Available in 20A Only	Standard 3-Pack Three Devices per Pack
NEMA 5-15, 15A 125V	Almond	**GFRST15AL**	**GFRST15ALNL**	**GFRST15ALZ**	—	—
	Black	**GFRST15BK**	**GFRST15BKNL**	**GFRST15BKZ**	—	—
	Brown	**GFRST15**	**GFRST15NL**	**GFRST15Z**	—	—
	Gray	**GFRST15GY**	**GFRST15GYNL**	**GFRST15GYZ**	—	—
	Ivory	**GFRST15I**	**GFRST15INL**	**GFRST15IZ**	—	**GFRST15I3**
	Light Almond	**GFRST15LA**	**GFRST15LANL**	**GFRST15LAZ**	—	**GFRST15LA3**
	Red	**GFRST15R**	**GFRST15RNL**	**GFRST15RZ**	—	—
	White	**GFRST15W**	**GFRST15WNL**	**GFRST15WZ**	—	**GFRST15W3**
NEMA 5-20, 20A 125V	Almond	**GFRST20AL**	**GFRST20ALNL**	**GFRST20ALZ**	**GFBFST20AL**	—
	Black	**GFRST20BK**	**GFRST20BKNL**	**GFRST20BKZ**	**GFBFST20BK**	—
	Brown	**GFRST20**	**GFRST20NL**	**GFRST20Z**	**GFBFST20**	—
	Gray	**GFRST20GY**	**GFRST20GYNL**	**GFRST20GYZ**	**GFBFST20GY**	—
	Ivory	**GFRST20I**	**GFRST20INL**	**GFRST20IZ**	**GFBFST20I**	**GFRST20I3**
	Light Almond	**GFRST20LA**	**GFRST20LANL**	**GFRST20LAZ**	**GFBFST20LA**	**GFRST20LA3**
	Red	**GFRST20R**	**GFRST20RNL**	**GFRST20RZ**	**GFBFST20R**	—
	White	**GFRST20W**	**GFRST20WNL**	**GFRST20WZ**	**GFBFST20W**	**GFRST20W3**

Hospital Grade ●

Rating	Color	Standard0	Night Light Two LED Night Lights	Alarm
NEMA 5-15, 15A 125V	Almond	**GFST82AL**	**GFST82ALNL**	**GFST82ALZ**
	Black	**GFST82BK**	**GFST82BKNL**	**GFST82BKZ**
	Brown	**GFST82**	**GFST82NL**	**GFST82Z**
	Gray	**GFST82GY**	**GFST82GYNL**	**GFST82GYZ**
	Ivory	**GFST82I**	**GFST82INL**	**GFST82IZ**
	Light Almond	**GFST82LA**	**GFST82LANL**	**GFST82LAZ**
	Red	**GFST82R**	**GFST82RNL**	**GFST82RZ**
	White	**GFST82W**	**GFST82WNL**	**GFST82WZ**
NEMA 5-20, 20A 125V	Almond	**GFST83AL**	**GFST83ALNL**	**GFST83ALZ**
	Black	**GFST83BK**	**GFST83BKNL**	**GFST83BKZ**
	Brown	**GFST83**	**GFST83NL**	**GFST83Z**
	Gray	**GFST83GY**	**GFST83GYNL**	**GFST83GYZ**
	Ivory	**GFST83I**	**GFST83INL**	**GFST83IZ**
	Light Almond	**GFST83LA**	**GFST83LANL**	**GFST83LAZ**
	Red	**GFST83R**	**GFST83RNL**	**GFST83RZ**
	White	**GFST83W**	**GFST83WNL**	**GFST83WZ**

Product Dimensions Inches (mm)

	GFCI Receptacle
A	3.27" (83.1)
B	2.75" (69.8)
C	1.75" (44.5)
D	1.47" (37.4)
E	1.10" (27.9)



Specifications are subject to change without notice.

Ground Fault Devices

UL Standard 943
Class A GFCI

Commercial Tamper-Resistant and/or Weather Resistant GFCI Receptacles

GFTWRST20WIG

Features

- Patented shutter design for tamper-resistant protection
- Tamper-Resistant/Weather Resistant Series meets NEC® requirements for TR (517-18c) and WR (406.9), UV and corrosion resistance for harsh and damp applications
- Weather Resistant Only Series meets NEC® requirements for weather resistance (406.9), UV and corrosion resistance for harsh and damp applications
- Patented CIRCUITPRO® self test technology
- Protects against line and load reversal, no power to the face or downstream if device is miswired

TR WR

Tamper-Resistant Weather Resistant

Rating	Color	Standard	Isolated Ground
NEMA 5-15, 15A 125V	Almond	**GFTWRST15AL**	**GFTWRST15ALIG**
	Black	**GFTWRST15BK**	**GFTWRST15BKIG**
	Brown	**GFTWRST15**	**GFTWRST15IG**
	Gray	**GFTWRST15GY**	**GFTWRST15GYIG**
	Ivory	**GFTWRST15I**	**GFTWRST15IIG**
	Light Almond	**GFTWRST15LA**	**GFTWRST15LAIG**
	Red	**GFTWRST15R**	**GFTWRST15RIG**
	White	**GFTWRST15W**	**GFTWRST15WIG**
NEMA 5-20, 20A 125V	Almond	**GFTWRST20AL**	**GFTWRST20ALIG**
	Black	**GFTWRST20BK**	**GFTWRST20BKIG**
	Brown	**GFTWRST20**	**GFTWRST20IG**
	Gray	**GFTWRST20GY**	**GFTWRST20GYIG**
	Ivory	**GFTWRST20I**	**GFTWRST20IIG**
	Light Almond	**GFTWRST20LA**	**GFTWRST20LAIG**
	Red	**GFTWRST20R**	**GFTWRST20RIG**
	White	**GFTWRST20W**	**GFTWRST20WIG**

WR

Weather Resistant Only

Rating	Color	Standard
NEMA 5-15, 15A 125V	Almond	**GFWRST15AL**
	Black	**GFWRST15BK**
	Brown	**GFWRST15**
	Gray	**GFWRST15GY**
	Ivory	**GFWRST15I**
	Light Almond	**GFWRST15LA**
	Red	**GFWRST15R**
	White	**GFWRST15W**
NEMA 5-20, 20A 125V	Almond	**GFWRST20AL**
	Black	**GFWRST20BK**
	Brown	**GFWRST20**
	Gray	**GFWRST20GY**
	Ivory	**GFWRST20I**
	Light Almond	**GFWRST20LA**
	Red	**GFWRST20R**
	White	**GFWRST20W**

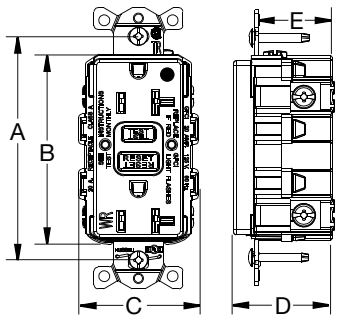
TR WR

Hospital Grade ● Tamper-Resistant Weather Resistant

Rating	Color	Standard	Isolated Ground
NEMA 5-15, 15A 125V	Almond	**GFST82ALTR**	**GFST82ALIG**
	Black	**GFST82BKTR**	**GFST82BKIG**
	Brown	**GFST82TR**	**GFST82IG**
	Gray	**GFST82GYTR**	**GFST82GYIG**
	Ivory	**GFST82ITR**	**GFST82IIG**
	Light Almond	**GFST82LATR**	**GFST82LAIG**
	Red	**GFST82RTR**	**GFST82RIG**
	White	**GFST82WTR**	**GFST82WIG**
NEMA 5-20, 20A 125V	Almond	**GFST83ALTR**	**GFST83ALIG**
	Black	**GFST83BKTR**	**GFST83BKIG**
	Brown	**GFST83TR**	**GFST83IG**
	Gray	**GFST83GYTR**	**GFST83GYIG**
	Ivory	**GFST83ITR**	**GFST83IIG**
	Light Almond	**GFST83LATR**	**GFST83LAIG**
	Red	**GFST83RTR**	**GFST83RIG**
	White	**GFST83WTR**	**GFST83WIG**

Product Dimensions Inches (mm)

	GFCI Receptacle
A	3.27" (83.1)
B	2.75" (69.8)
C	1.75" (44.5)
D	1.47" (37.4)
E	1.10" (27.9)



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Ground Fault Devices

Technical Specifications

Performance

Certifications	Standards
UL File # E41978	Underwriters Laboratories 943 Class A GFCI 2015 and UL 498 Receptacles
CSA File # LR24886	Canadian Standards Association C22.2 Number 42
Industry Standards	NEMA® WD 6, ANSI® C-73, NOM, NEC® and CEC
FCC Part 15 Class B	Certified conformance to radiated and conducted emission testing per FCC
Electrical	**Performance Specifications**
Trip Level	4 – 6 mA
Trip Time	.025 sec
Frequency	60 Hz
Voltage	120V AC +10% - 15%
Amperage	15A/20A, 20A feed-thru
Dielectric voltage withstand	1500V minimum per UL 498
AC Horsepower Rating	1 HP
Current Interrupting	10,000 amps
Green LED Indicator	On when power is available to the device
Red Trip Indicator	On when device is in the tripped position
Red “EOL” Indicator	Rapid flash when unit has reached end of life and/or cannot provide GFCI protection
Mechanical	
Terminal Accommodations	#14 – #10 AWG
Product Identification	Ratings are a permanent part of the device

Environmental

Flammability	UL94 V2
Operating Temperature	-35° to +66° C (- 30° to + 150° F)
Maximum Humidity	95%

Common Questions and Answers

Q: Why are ground fault receptacles changing?
A: Underwriters Laboratory per revised Standard 943 has published new self test monitoring requirements that apply to all permanently installed GFCI products, effective June 29, 2015.

Q: What is the primary benefit from these changes?
A: Every Ground Fault Receptacle must now test itself for the ability to provide GFCI protection. Industry studies show installed ground fault receptacles are not being tested as required by the end user (minimum monthly).

Q: Can I continue to use current generation GFCI receptacles after June 28th?
A: Absolutely, the current Bryant GFCI receptacles can no longer be produced after June 28, 2015. However, these devices produced prior to June 28, 2015 can be sold by manufacturers and distributors until their inventories are depleted. There is no time limitation on use of this product.

Q: What is different about this new version?
A: A power denial feature has been added to this next generation of self test Ground Fault Receptacle product. If critical components are damaged and GFCI protection is lost, power to the receptacle will be disconnected.

Q: What types of indicators do the CIRCUITPRO® ground fault receptacles have?
A: Every Ground Fault Receptacle includes a solid green LED to indicate power to the face, a solid red LED for a tripped condition and a flashing red LED to indicate end of life when the unit should be replaced.

Q: How does the Alarm version function?
A: The Alarm Ground Fault Receptacle includes all LED indicators that are in the standard product. In addition, an audible alarm will sound when either the unit trips and/or is in end of life. A “silencing feature” is provided on the face of the device to turn off as needed.

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ANSI® is a registered trademark of the American National Standards Institute.
NEC® is a registered trademark of the National Fire Protection Association (NFPA).

Ground Fault Devices

GFCI Sensing Modules

- In the event of a ground fault, the load is interrupted by way of the hydraulic magnetic circuit breaker utilizing a shunt trip coil
- Automatic or manual “safe start” reset feature
- Rated from 1 to 50 amps
- Ideal for portable generator integration protecting all outlets on a generator
- Achieves a NEMA 4X Rating when mounted with the supplied gasket
- Meets the proposed requirements for generators Underwriters Laboratory subject 2201, UL/cUL 943 Listed, Class A 4-6mA trip level and UL 1053 Compliant

GFCI Sensing Modules 50A Maximum

GFMD120A

GFMD120M

	Automatic	Manual
120V AC	**GFMD120A**	**GFMD120M**
240V AC	**GFMD240A**	**GFMD240M**

GFCI Sensing Module Circuit Breakers

GFMDCB120401P

Catalog Number Configurator

Example Catalog Number: **GFMDCB120401P**

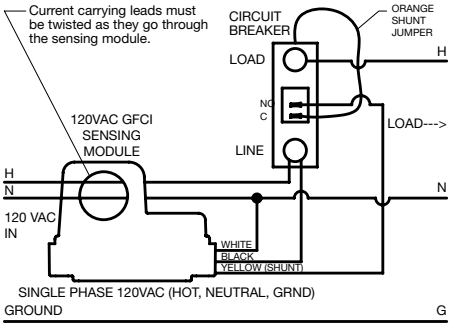
GFMDCB*	**120**	**40**	**1P**
GROUND **F**AULT	120V AC	1 thru 50 Amp	1P
MO**D**ULE	240V AC		2P
CIRCUIT **B**REAKER	120/240V AC		3P

Other Examples: **GFMDCB240502P**: 240V 50A 2P,
FMDCB240203P: 240V 20A 3P

***GFMDCB** = **G**round **F**ault **M**o**D**ule **C**ircuit **B**reaker

Wiring Schematics

GFMDCB120XX1P



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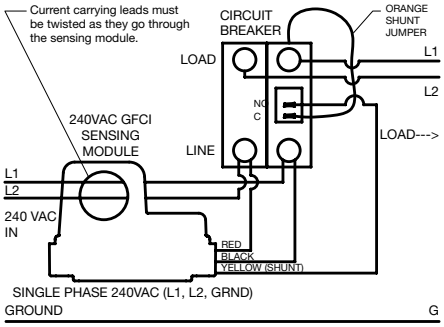

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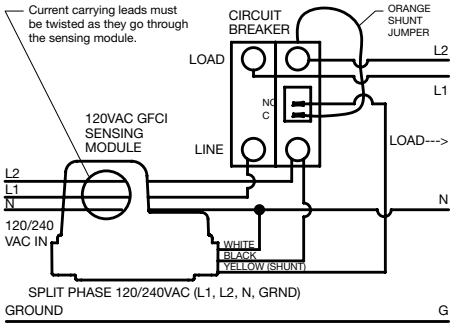


Ground Fault Devices

Manual Set Portable GFCI Line Cords

- Easy-to-operate sealed key pad
- High-impact PVC watertight housing
- SJTW-A cord #14/3
- Sealed molded plug
- Bright fault light

Portable GFCI Line Cords

Portable GFCI Line Cords provide ground fault protection both indoors and out. They interrupt electrical power to protect personnel when leakage to ground is 4-6 milliamperes. Available in lengths of 18 inches (45.7 cm), 6 feet (182.9 cm), and 25 feet (762.0 cm). A 15 feet (457.2 cm) OEM version with stripped leads is also available. They are offered with Manual Set feature to meet your application.

IP20
SUITABILITY

Manual Set Portable GFCI Line Cords Feet (cm)

GFCI115

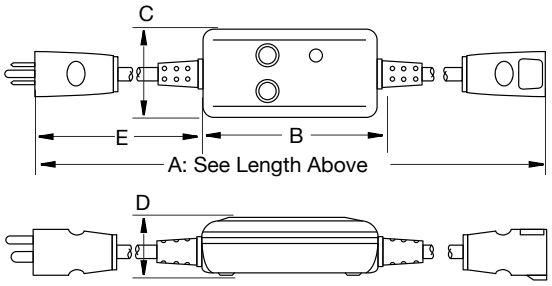
Description	18 In. (45.7)	6' (182.9)	25' (762.0)
15A 120V AC, #14-3 SJTW-A	**GFCI115**	**GFCI615**	**GFCI2515**

QUADPLEX® Ground Fault Cord Sets Feet (cm)

Description	6' (182.9)
15A 120V AC 12/3 SJO cord, pilot light, yellow, thermoplastic	**T1254GF6**

Product Dimensions Inches (mm)

	GFCI Line Cord
A	18.00" (457.2)
B	5.19" (131.8)
C	2.56" (65.0)
D	1.58" (40.1)
E	9.00" (228.6)



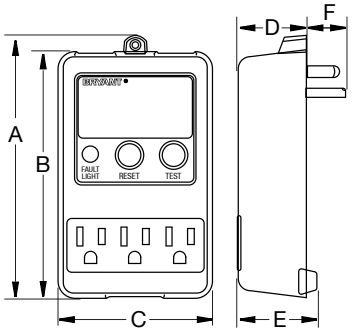
Plug-In Portable GFCI

- Three NEMA 5-15R portable plug-in GFCI
- One piece sealed key pad test and reset buttons
- High-impact ABS housing UV stabilized 94VO
- Large neon indicating light for ground fault indication
- Ultrasonically welded housing

Description	Catalog Number
15A 120V AC, Three outlet plug-in	**GFP153R**

Product Dimensions Inches (mm)

	Plug-In GFCI
A	5.83" (148.0)
B	5.50" (139.7)
C	3.45" (87.6)
D	1.50" (38.1)
E	1.76" (44.7)
F	0.82" (20.8)



Specifications are subject to change without notice.

Ground Fault Devices

Portable GFCI Products

- Available with an automatic or manual “safe start” reset feature
- Single and triple power tap configurations
- Recessed “test and reset” buttons
- LED indicates power and fault status

GFCI In-Line – Single & Triple Tap 15A

This In-Line Ground Fault Circuit Interrupter is rated for 15 Amps at 120V AC. Product is available with an automatic or manual “safe start” reset features Product variations include single and triple power tap configurations. Recessed “test and reset” buttons avoid accidental contact during handling and use. LED indicates power and fault status at a glance. Heavy duty construction is rated NEMA 3R.

Portable GFCI Feet (cm)

GFC2A

GFC2TRIA

GFCI15125A

GFCI15125TRIM

		GFCI Line Cord			In-Line GFCI	
		Single Tap		Triple Tap	Single Tap	Triple Tap
Description	Set	2' (61.0)	25' (762.0)	2' (61.0)	2' (61.0)	2' (61.0)
15A 120V AC, 12/3 SJEOW	Automatic	**GFC2A**	**—**	**GFC2TRIA**	**GFCI15125A**	**GFCI15125TRIA**
	Manual	**GFC2M**	**GFC25M**	**GFC2TRIM**	**GFCI15125M**	**GFCI15125TRIM**

OEM Equipment Integrated Cord Sets Feet (cm)

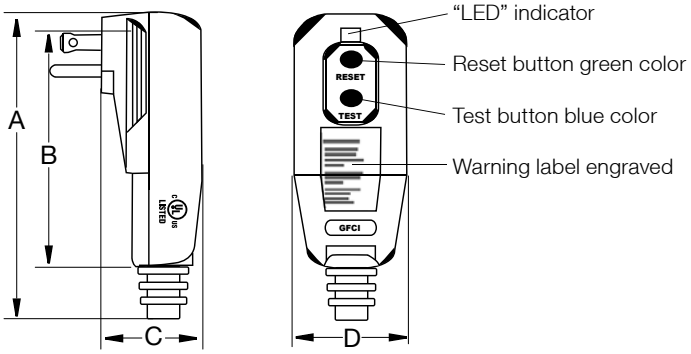
GFCL15A

GFP15A

Description	Set	GFCI with Flying Leads 15 (457.2)	Field Wireable Black Plug
15A 120V AC, 14/3 SJEOW	Automatic	**GFCL15A**	**GFP15A**
	Manual	**—**	**GFP15MA**

Product Dimensions Inches (mm)

	GFCI Plug
A	5.16" (131.0)
B	4.25" (108.0)
C	1.72" (43.7)
D	1.90" (48.3)
E	1.06" (26.8)



Ground Fault Devices

Temporary Power Distribution Boxes

TPDLB

Temporary Power Distribution Boxes

- Designed to address temporary power needs on construction sites and outdoor events
- Boxes are UL Type 3R for outdoor rainproof applications
- Weatherproof boots available for connecting plugs for additional protection from elements

Certifications

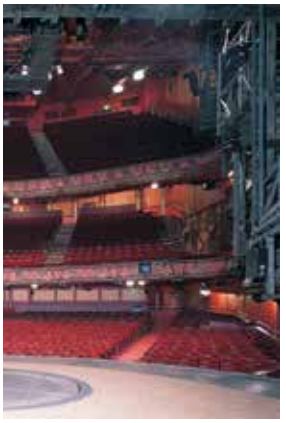
- Bryant's Temporary Power Distribution Boxes meet NEC® 305.6 requirements for personal protection
- Listed to the latest UL 1640 standard for Portable Power Distribution Equipment

Applications

Construction Sites
- Renovations
- New Construction
- Demolition

Universities/Schools
- Graduation Ceremonies
- Concerts/Lectures
- Sporting Events

Stage/Theater
- Movie/Broadcasting
- Concerts
- Plays/Musicals



Outdoor Entertainment
- Carnivals
- Festivals
- Professional Sports

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Ground Fault Devices

Temporary Power Boxes, Cable Sets and Replacement Parts

- Weatherproof receptacle lift covers
- Available with six 20A straight blade or locking receptacles
- Features 50A locking input and output
- Over current protection for each circuit
- Individual GFCI module for each receptacle
- Nested leg design allows boxes to be easily stacked
- UL Type 3R for outdoor rainproof applications

Temporary Power Distribution Boxes

Rating	Type	Qty	Receptacle Ratings	Protection Overload	GFCI Protected	Catalog Number
50A 120/240V AC (Max.)	Straight Blade	6	20A 125V	Yes	Yes	**TPDSB**
	Locking	1	30A 250V	Yes	No	
	Locking (inlet)	1	50A 125/250V	No	No	
	Locking (outlet)	1	50A 125/250V	No	No	
50A 120/240V AC (Max.)	Locking	6	20A 125V	Yes	Yes	**TPDLB**
	Locking	1	30A 250V	Yes	No	
	Locking (inlet)	1	50A 125/250V	No	No	
	Locking (outlet)	1	50A 125/250V	No	No	

Cable Sets

TPC50B

Description	50 Ft. Cable	100 Ft. Cable
50A cord set, #6/3, #8/1 cable type, with 50A locking plug and connector, not UL Listed or CSA Certified	**TPC50B***	**TPC100B***

Replacement Parts

CS6365L

CS6375L

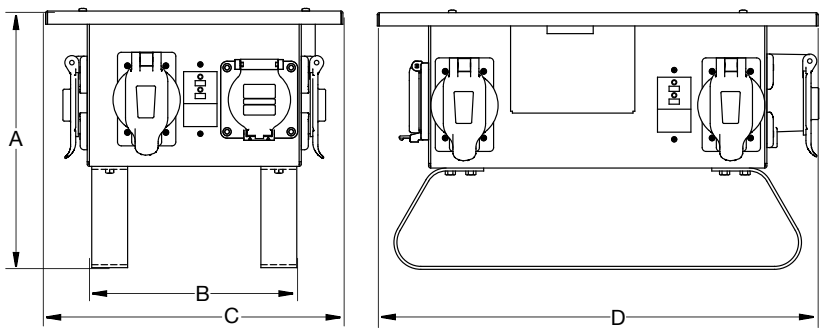
7774CR

7780

Description	20A 125V	30A 250V	50A 125/250V
Straight blade receptacle	**CRS20**	—	—
Locking receptacle	—	**70530FR**	**CS6369L**
Plug	—	—	**CS6365L**
Connector	—	—	**CS6364L**
Inlet	—	—	**CS6375L**
Weather protective plate for receptacle	**RW51470**	**7420B**	**7774CR**
Weather protective plate for inlet	—	—	**7780**

Product Dimensions Inches (mm)

	TPD Box
A	12.52" (317.9)
B	10.23" (259.8)
C	14.50" (368.3)
D	21.50" (546.1)



Ground Fault Devices

Technical Specifications

GFCI115

GFP153R

Portable GFCI Certification

Meets UL943 Class A, UL Listed, CSA Certified
Meets all NEC® and CEC requirements

Materials

Components	Portable GFCI Line Cords	Portable Plug-In GFCI
Housing	High-impact, UV stabilized PVC, UL 94V-0 flammability classification, Meets UL and CSA watertight requirements, adhesive bonded	High-impact ABS
Input	NEMA 5-15P	NEMA 5-15P
Output	—	Three NEMA 5-15R
Power “ON” indication	LED indicator light	—
Cord type	#14 AWG SJTW-A (UL), SJTW (CSA	—
Fault indication	—	Indicator light
Visual fault indication light on	LED Indicates fault	—
Center screw	—	For optional permanent mounting

Performance

Electrical	
Trip level	4 – 6 mA
Trip time	.025 sec nominal
Frequency	60Hz
Voltage	120V AC +10% - 15%, incorporates no voltage release feature
Amperage	15A
Maximum interrupting capacity	2,000 Amps
Terminal accommodations	#14 - #10 AWG stranded or solid copper conductors only

Environmental	
Maximum humidity	95%
Operating temperatures	-35° C to +66° C (-30° F to +150° F)

Temporary Power Distribution Box Certification

Boxes	Cable
UL 1640, UL 943 NEC®, ANSI/NFPA 70	Connectors: UL/CSA, Cable: MSHA

Performance

Environmental	Indoor and outdoor wet and dry locations
Box Enclosure type	3R, rainproof, suitable for use in damp locations

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Section C

Surge and Isolated Ground Devices

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Isolated Ground Receptacles

Straight Blade 15, 20, 30 and 50 Amp Receptacles C-4
Locking 15, 20 and 30 Amp Receptacles. C-5

Surge and Isolated Ground Devices

Surge Suppression Receptacles

- Damage-alert alarm sounds when surge protection is no longer functioning, muting screw allows damage-alert alarm to be silenced until device is replaced
- Power-on indicator light verifies that suppression circuit is fully functional, light off means power has been interrupted, flashing light indicates surge protection circuitry has been damaged
- Automatic grounding clip
- High-impact nylon face resists breakage
- Distinctive surge symbol provides quick visual identification of surge suppression receptacle

Hospital Grade ● and Specification Grade, Standard and Isolated Ground Surge Suppression Receptacles and QUADPLEX® Receptacles

SP82IA

SP83IGA

SP52WA

SP53IGGYA

1254HSIA

21254SA

		Surge Suppression Receptacles with Light and Alarm, 240 Joules/15,000 Amps per Mode			
Face		Nylon Face			
		Hospital Grade		Specification Grade	
Rating	Color	Standard	with Isolated Ground	Standard	with Isolated Ground
NEMA 5-15, 15A 125V	Blue	**SP82A**	**SP82IGA**	**SP52A**	**SP52IGA**
	Gray	**SP82GYA**	**SP82IGGYA**	**SP52GYA**	**SP52IGGYA**
	Ivory	**SP82IA**	**SP82IGIA**	**SP52IA**	**SP52IGIA**
	Orange	—	**SP82IGOA**	—	**SP52IGOA**
	Red	—	**SP82IGRA**	—	—
	White	**SP82WA**	**SP82IGWA**	**SP52WA**	**SP52IGWA**
NEMA 5-20, 20A 125V	Blue	**SP83A**	**SP83IGA**	**SP53A**	**SP53IGA**
	Gray	**SP83GYA**	**SP83IGGYA**	**SP53GYA**	**SP53IGGYA**
	Ivory	**SP83IA**	**SP83IGIA**	**SP53IA**	**SP53IGIA**
	Orange	—	**SP83IGOA**	—	**SP53IGOA**
	Red	—	**SP83IGRA**	—	—
	White	**SP83WA**	**SP83IGWA**	**SP53WA**	**SP53IGWA**

	QUADPLEX® Surge Supression Receptacles with Light 80 Joules/6,500 Amps per Mode		
	Lexan®		
	Hospital Grade	Specification Grade	
Color	Surge Suppression	Surge Suppression	with Isolated Ground and Wire Leads
Blue	**1254HSA**	**1254SA**	—
Ivory	**1254HSIA**	**1254SIA**	—
Blue	**21254HSA**	**21254SA**	**21254SLA**
Ivory	**21254HSIA**	**21254SIA**	**21254SILA**

Note: See page A-5 for additional information on QUADPLEX® receptacles.

Adapter Plates and Portable Boxes Inches (mm)

	Adapter Plates	Portable Boxes
Color	For 1- and 2-Gang Device Boxes	4" (101.6) Square with Two Cord Grips
Blue	**ADAPBLU**	**4SQBXBLU***
Ivory	**ADAPI**	**4SQBXI***

*Note: *Portable boxes not UL Listed or CSA Certified. For indoor use only.*

ADAPI

ADAPBLU

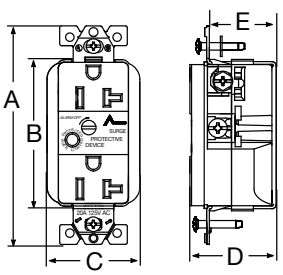
4SQBXI

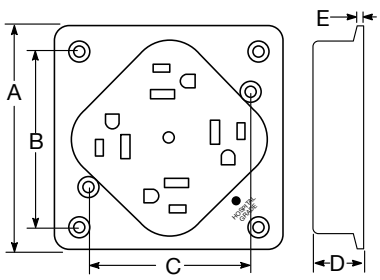
4SQBXBLU

Product Dimensions Inches (mm)

	Receptacle	QUADPLEX®
A	4.04" (102.6)	4.30" (109.2)
B	2.80" (71.1)	3.38" (85.9)
C	1.72" (43.7)	3.02" (76.7)
D	1.60" (40.6)	0.92" (23.4)
E	1.24" (31.5)	0.10" (2.6)

Note: See page A-5 for dimensions on adapter plates and portable boxes.





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Surge and Isolated Ground Devices

Portable Surge Protection Devices (SPD)

- Metallic and non-metallic units
- Six, seven and eight outlet units
- No surge, 350 joule, 1050 joule and 2100 joule protection units
- Transformer spaced outlets available on some units
- 15A resettable ON/OFF circuit breaker switch and power and ground indicating LEDs
- Available with fax/modem, cable TV and satellite protection on some units

Surge Protection Plug Strips

BRY6PS350

BRY6MPS1050

BRY7PS1050M

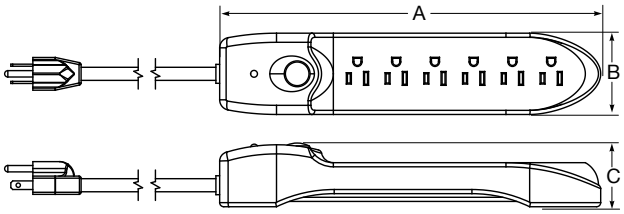
BRY8PS2100D

BRY6PPS

	SPD		SPD with Fax/Modem	SPD with Fax/Modem/ CATV/Satellite	Power Strip (No surge protection)
Number of Outlets	Six		Seven	Eight	Six
Joule Rating	350 (Non-Metallic) 1050 (Metallic)		1050	2100	N/A
Peak AMP Rating	6.5 kA (Non-Metallic) 19.5 kA (Metallic)		19.5 kA	39 kA	N/A
Down Line Warranty	$2,500		$10,000	$25,000	N/A
Length	6 Foot	15 Foot	6 Foot	6 Foot	6 Foot
Non-Metallic Office White	**BRY6PS350**	**BRY6PS35015**	**BRY7PS1050M**	**BRY8PS2100D**	**BRY6PPS**
Metallic Office White	**BRY6MPS1050**	—	—	—	**BRY6MPS**

Product Dimensions Inches (mm)

	Non-Metallic Strips			Metallic Strips
	SPD and Power Strip	SPD with Fax Modem	SPD with Fax/Modem CATV/Satelite	SPD and Power Strip
A	11.2" (284.5)	14.75" (374.7)	10.4" (264.2)	12.25" (311.2)
B	2.36" (59.9)	2.36" (59.9)	3.8" (96.5)	2.5" (63.5)
C	1.85" (47.0)	1.85" (47.0)	1.44" (36.6)	1.5" (38.1)



Cord Sets

T1254SI6A

6 Foot Cord Sets, 12/3 SJO		
Rating	Color	Surge Suppression
NEMA 5-15, 15A 125V	Ivory	**T1254SI6A**

Electrical Specifications

Catalog Number T1254SI6A — Surge Suppression

- Transient suppression capacity peak energy 80 joules for a 10 X 1000 µS* pulse
- Common and normal mode protection, common mode transients: hot to ground and neutral to ground, normal mode transients: hot to neutral
- Maximum clamping voltage test current 100 amperes peak (8X20µS*), 360 volts
- Varistor peak clamping voltage 212 volts minimum, 243 volts maximum @ 1 milliampere DC
- Varistor continuous RMS voltage rating: 150 volts
- Capacitance @ 1 kHz, 2000 pf ± 30%
- Response time: approximately 5ns (nanoseconds)
- Suppressed voltage
  530V (3000 amp) nominal
  436V (750 amp)
  412V (500 amp)
  400V (125 amp)
  212V (1 mA)
- Current 20 ampere max branch circuit
- Receptacle rating 15 and 20 ampere 125V
- Input voltage 125V AC, 60 Hz

*Note: *µS (microseconds).*

Surge and Isolated Ground Devices

Isolated Ground Straight Blade Receptacles

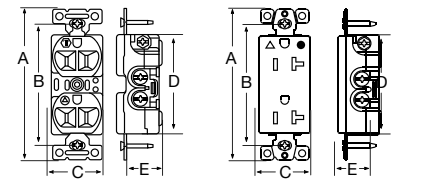
- Limits electrical noise on the equipment grounding circuit by providing two grounding paths for the installation
- Nylon deep face design
- Triple-wipe brass line contacts
- Ground contacts and ground termination
- Nickel and brass plated wrap-around steel yoke

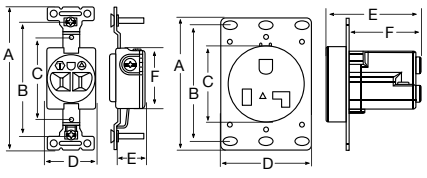
Pre-Marked Wallplates

Opening	Color	"Isolated Ground"	"Computer Only"
Duplex	Orange	**NP8OIG**	**NPJ8CO**
Duplex	Ivory	—	**NPJ8C**
Single receptacle	Orange	**NP7OIG**	—
Decorator type	Orange	**NP26OIG**	—
Decorator type	Ivory	—	**NPJ26C**

Extra Heavy Duty Industrial, Hospital Grade ● and Specification Grade Receptacles

		Extra Heavy Duty					Specification Grade		
Face		Nylon Face					Nylon	Lexan®	
Wiring		Back and Side					Back and Side	Terminal Screws	Wire Leads
Style		Duplex		Decorator	Single		Duplex		
Rating	Color	Hospital Grade	Industrial Grade	Hospital Grade	Hospital Grade	Industrial Grade	Commercial Grade	QUADPLEX®	
NEMA 5-15, 15A 125V	Gray	—	**BRY5262IGGRY**	**9200IGGRY**	—	**5261IGGRY**	**CR15IGRY**	—	—
	Ivory	—	**BRY5262IGI**	**9200IGI**	—	**5261IGI**	**CR15IGI**	—	—
	Lt. Almond	—	—	—	—	—	**CR15IGLA**	—	—
	Orange	**BRY8200IG**	**BRY5262IG**	**9200IG**	**8210IG**	**5261IG**	**CR15IG**	**1254IGO**	—
	Red	—	—	**9200IGRED**	—	—	—	—	—
	White	—	**BRY5262IGW**	**9200IGW**	—	**5261IGW**	**CR15IGW**	—	—
NEMA 5-20, 20A 125V	Gray	—	**BRY5362IGGRY**	**9300IGGRY**	—	**5361IGGRY**	**CR20IGRY**	—	—
	Ivory	—	**BRY5362IGI**	**9300IGI**	—	**5361IGI**	**CR20IGI**	—	—
	Lt. Almond	—	—	—	—	—	**CR20IGLA**	—	—
	Orange	**BRY8300IG**	**BRY5362IG**	**9300IG**	**8310IG**	**5361IG**	**CR20IG**	**21254IGO**	**21254IGOL**
	Red	—	—	**9300IGRED**	—	—	—	—	—
	White	—	**BRY5362IGW**	**9300IGW**	—	**5361IGW**	**CR20IGW**	—	—
NEMA 6-15, 15A 250V	Orange	—	**BRY5662IG**	—	—	—			
NEMA 6-20, 20A 250V	Orange	—	**BRY5462IG**	—	—	**8410IG**			





30 and 50 Amp Straight Blade Receptacles

Rating	Color	RTP Nylon Face, 2-Pole 3-Wire		
NEMA 5-30, 30A 125V	Orange	**9530IG**	NEMA 6-30, 30A 250V	**9630IG**
NEMA 5-50, 50A 125V	Orange	**9550IG**	NEMA 6-50, 50A 250V	**9650IG**

9530IG

Product Dimensions Inches (mm)

	Duplex	Decorator	Single 15/20A	30-50A
A	4.06" (103.1)	3.81" (96.8)	4.06" (103.1)	3.68" (93.5)
B	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	2.37" (60.3)
C	1.38" (35.1)	1.38" (35.1)	2.38" (60.5)	2.12" (54.0)
D	2.68" (68.1)	2.69" (68.3)	1.38" (35.1)	2.25" (57.2)
E	0.92" (23.4)	0.93" (23.6)	1.78" (45.2)	2.35" (59.9)
F	—	—	0.91" (23.1)	1.79" (45.6)

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Specifications are subject to change without notice.

Surge and Isolated Ground Devices

Isolated Ground Locking Receptacles

- Limits electrical noise on the equipment grounding circuit by providing two grounding paths for the installation
- Nylon deep face design
- Triple-wipe brass line contacts
- Ground contacts and ground termination
- Nickel and brass plated wrap-around steel yoke

Pre-Marked Wallplates Inches (mm)

NP8OIG

NP720OIG

NPJ8CO

Opening	Color	"Isolated Ground"	"Computer Only"
Duplex	Orange	**NP8OIG**	**NPJ8CO**
Duplex	Ivory	—	**NPJ8C**
Single receptacle	Orange	**NP7OIG**	—
Locking 1.60" (40.6) ID	Orange	**NP720OIG**	—

Extra Heavy Duty Industrial Grade Receptacles

4700DRIG

4710IG

Amp	15A	
Face	RTP Nylon Face, Orange	
Wiring	Back and Side Wired	
Style	Duplex	Single
NEMA L5-15, 15A 125V, 2-Pole 3-Wire	**4700DRIG**	**4710IG**
NEMA L6-15, 15A 250V, 2-Pole 3-Wire	**70615DRIG**	**70615IG**

*Note: *Reinforced Thermoplastic Polyester.*
***See page G-7 for dimensions on 4710 and 70615 series receptacles.*

70520IG

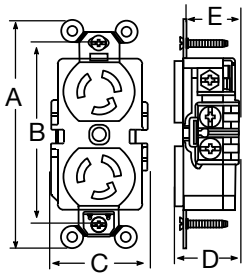
Amp	20A
Face	RTP Nylon Face, Orange
Wiring	Back and Side Wired
Style	Single
NEMA L5-20, 15A 125V, 2-Pole 3-Wire	**70520IG**
NEMA L6-20, 20A 250V, 2-Pole 3-Wire	**70620IG**
NEMA L14-20, 20A 125/250V, 3-Pole 4-Wire	**71420IG**
NEMA L21-20, 20A 120/208V 3ØY, 4-Pole 5-Wire	**72120IG**

72130IG

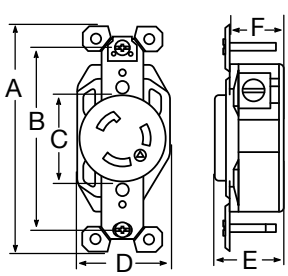
Amp	30A
Face	RTP Nylon Face, Orange
Wiring	Back and Side Wired
Style	Single
NEMA L5-30, 30A 125V, 2-Pole 3-Wire	**70530IG**
NEMA L6-30, 30A 250V, 2-Pole 3-Wire	**70630IG**
NEMA L14-30, 30A 125/250V, 3-Pole 4-Wire	**71430IG**
NEMA L21-30, 30A 120/208V 3ØY, 4-Pole 5-Wire	**72130IG**

Product Dimensions Inches (mm)

	15A Duplex	15A Single	20A Single	30A Single
A	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)
B	2.74" (69.5)	2.38" (60.5)	2.38" (60.5)	2.38" (60.5)
C	1.70" (43.2)	1.38" (35.1)	1.56" (39.6)	1.56" (39.6)
D	1.17" (29.7)	1.41" (35.8)	1.70" (43.2)	1.70" (43.2)
E	0.93" (23.6)	1.01" (25.7)	1.24" (31.5)	1.30" (33.0)
F	—	0.82" (19.3)	0.98" (24.9)	1.04" (26.4)



Duplex



Single

Surge and Isolated Ground Devices

Technical Specifications - Surge Receptacles

Surge Receptacles

Description	
Typical specification – catalog number	SP52IGA
Manufacturer's identification	Bryant SP52IG Series

Description	Industrial grade isolated ground surge suppression duplex receptacle
Type	2-pole, 3-wire, grounding
Rating	15A 125V, NEMA 5-15R

Certification

UL Listed, UL Standards 1449 surge protective devices and 498 receptacles
Certified to CSA, C22.2, No. 42

ANSI/IEEE C62.41 (IEEE 587) categories "A" and "B"
NEMA WD-6
Meets UL and CSA varistor thermal protection requirements

Materials Inches (mm)

Components	Materials
Cover and base	Nylon
Line contacts	High performance brass alloy
Mounting yoke	0.05 inch (1.3mm)
Terminal screws	Brass #8-32
Clamp nut	Brass - 0.03" (.8mm)
Grounding screw	Brass (green) #8-32
Ground contacts	High performance
Auto grounding assembly	Stainless steel
Flat head mounting screws	Zinc-plated steel

SP52IGA

Performance

Electrical	
UL voltage protection level	600V
Operating voltage	125V AC
Frequency	60 Hz
Protection modes	Normal mode (L-N), common mode (L-G) (N-G)
Noise filtration	RFI and EMI 100KHz, 4MHz-10DB to -20DB
Response time	Less than 5 nanoseconds (ns)
Peak energy 10X 1000µs	240 joules
Peak current 8X 20µs	15,000 Amps
Mechanical	
Terminal identification	Terminals identified in accordance with UL 498 (brass, white, green)
Terminal accommodation	#14-10 AWG copper conductor only, solid or stranded
Product identification	Ratings are a permanent part of the device
Environmental	
Flammability	Cover and base: UL 94 V2
Operating temperatures	Maximum continuous 20°C to 55°C

Technical Specifications - Portable Surge Protection Devices

Portable Surge Protection Devices

Operating Specifications:			
MCOV		130V	
Operating frequency		50/60HZ	
Operating temperature		-40°F to 160°F (-40°C to 70°C)	
Performance			
UL VPR		400V	
EMI / RFI noise rejection	BRYPS1050/BRYPS2100 Series	-20db	
Physical Specifications			
	BRYPS350/BRYPS1050/BRYPS2100	BRYMPS1050/ST16/ST115	
Housing type	ABS	Metal	
UL 1449 3rd Edition			
Warranty			
Downline warranty	BRYPS350/BRYMPS1050	BRYPS1050 Series	BRYPS2100 Series
	$2,500	$10,000	$25,000

BRY8PS2100D

Specifications are subject to change without notice.

Section D
Switches

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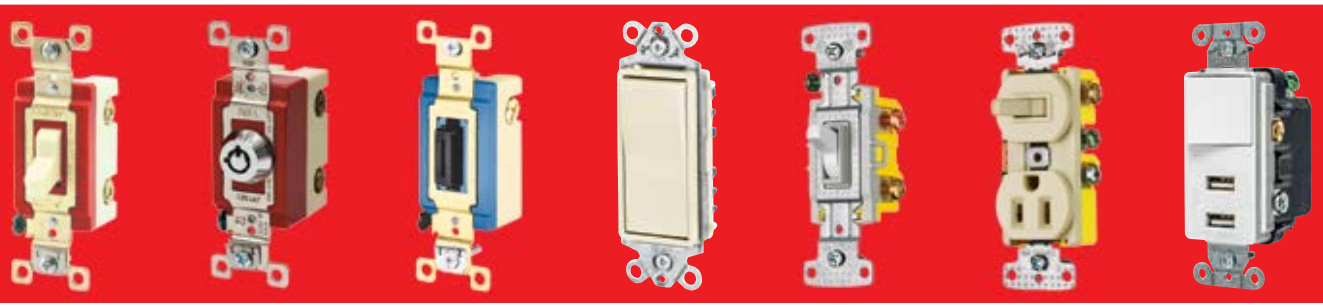


Switches

Extra Heavy Duty Industrial Specification Grade Toggle Switches

- High-impact and chemical resistant nylon toggle
- Corrosion-resistant brass and nickel-plated yoke
- Dual-grounding options, grounding terminal or stainless steel self-grounding clip
- Back wiring, each clamp-type terminal accepts two wires, avoiding the need to pigtail

Extra Heavy Duty Industrial Specification Grade Toggle Switches, Back and Side Wired

4801I

4802

4903GRY

4904W

Amp	Color	Single Pole	Double Pole	3-Way	4-Way
15A 120-277V AC	Black	**4801BLK**	**4802BLK**	**4803BLK**	**4804BLK**
	Brown	**4801**	**4802**	**4803**	**4804**
	Gray	**4801GRY**	**4802GRY**	**4803GRY**	**4804GRY**
	Ivory	**4801I**	**4802I**	**4803I**	**4804I**
	Red	**4801RED**	**4802RED**	**4803RED**	**4804RED**
	White	**4801W**	**4802W**	**4803W**	**4804W**
20A 120-277V AC	Black	**4901BLK**	**4902BLK**	**4903BLK**	**4904BLK**
	Brown	**4901**	**4902**	**4903**	**4904**
	Gray	**4901GRY**	**4902GRY**	**4903GRY**	**4904GRY**
	Ivory	**4901I**	**4902I**	**4903I**	**4904I**
	Red	**4901RED**	**4902RED**	**4903RED**	**4904RED**
	White	**4901W**	**4902W**	**4903W**	**4904W**
30A 120-277V AC	Black	—	—	—	
	Brown	**3001**	**3002BRN**	**3003BRN**	
	Gray	—	**3002GRY**	**3003GRY**	
	Ivory	**3001I**	**3002I**	**3003I**	
	Red	—	—	—	
	White	—	—	—	

Illuminated and Pilot Toggle Switches, Back and Side Wired

4801GLI

4903GLI

4901PLC120

4902PLR120

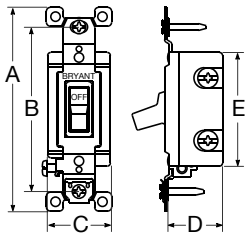
4903PLG120

Illuminated Toggle Switch Illuminates when Switch is OFF				Pilot Toggle Switch Illuminates when Switch is ON				
Amp	Color	Single Pole	3-Way	Amp	Color	Single Pole	Double Pole	3-Way
15A 120-277V AC	Ivory	**4801GLI**	**4803GLI**	20A 120V AC	Clear	**4901PLC120**	—	**4903PLC120**
					Green	**4901PLG120**	—	—
					Red	**4901PLR120**	**4902PLR120**	**4903PLR120**
20A 120-277V AC	Clear	**4901GLC**	**4903GLC**	20A 277V AC	Clear	**4901PLC277**	—	—
	Ivory	**4901GLI**	**4903GLI**		Red	**4901PLR277**	**4902PLR277**	**4903PLR277**
				30A 120V AC	Red	**3001PLR120**	**3002PLR120**	—
				30A 277V AC	Red	—	**3002PLR277**	—

Product Dimensions

Inches (mm)

A	4.06" (103.1)
B	3.28" (83.3)
C	1.30" (33.0)
D	1.11" (28.2)
E	2.27" (57.7)

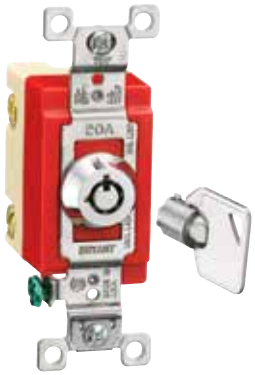


Horsepower Ratings

Rating	15A	20A	30A
120V	½ HP	1 HP	2 HP
240V	2 HP	2 HP	2 HP
277 VAC	2 HP	2 HP	2 HP

Specifications are subject to change without notice.

Extra Heavy Duty Industrial Specification Grade Locking Switches



- Tapered head steel lock construction resists impact
- Six point tumbler cylinder provides superior protection
- Barrel locking key for maximum security
- Locks keyed alike for planned security use by authorized personnel

Extra Heavy Duty Industrial Specification Grade Locking Switches, Back and Side Wired

4801L

4904L

4902RKL

Description	Amp	Single Pole	Double Pole	3-Way	4-Way
Locking switch, straight key included	15A 120-277V AC	**4801L**	**4802L**	**4803L**	**4804L**
	20A 120-277V AC	**4901L**	**4902L**	**4903L**	**4904L**
Barrel locking switch, barrel key included	20A 120-277V AC	**4901RKL**	**4902RKL**	**4903RKL**	**4904RKL**

6006

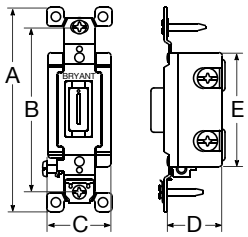
6006RKL

Replacement Key	Catalog Number
Straight-key, one key provided with each straight locking switch	**6006**
Barrel-key, two keys provided with each barrel-key locking switch	**6006RKL**

Product Dimensions

Inches (mm)

	Locking	Barrel Lock
A	4.06" (103.1)	4.06" (103.1)
B	3.28" (83.3)	3.28" (83.3)
C	1.31" (33.3)	1.25" (31.8)
D	1.13" (28.6)	1.66" (42.2)
E	2.28" (57.9)	2.28" (57.9)



Industrial Grade, Maintained and Momentary Contact Switches

Three-Position Two-Circuit Maintained and Momentary Contact Switches, "Center OFF"

4822I

4822L

4925

3025BRN

4921I

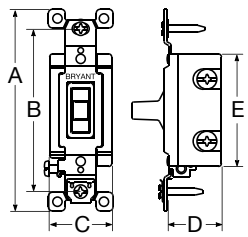
4821L

		Maintained Contact				Momentary Contact	
		Single Pole, Double-Throw		Double Pole, Double-Throw		Single Pole, Three-Position	
Amp	Color	Nylon Toggle	Locking	Nylon Toggle	Locking	Nylon Toggle	Locking
15A 120-277V AC	Black	—	**4822L**	—	—	—	**4821L**
	Brown	**4822**	—	**4825**	—	**4821**	—
	Gray	—	—	—	—	**4821GRY**	—
	Ivory	**4822I**	—	**4825I**	—	**4821I**	—
	White	—	—	—	—	—	—
20A 120-277V AC	Black	—	—	—	**4925L**	—	**4921L**
	Brown	**4922**	—	**4925**	—	**4921**	—
	Gray	**4922GRY**	—	—	—	**4921GRY**	—
	Ivory	**4922I**	—	**4925I**	—	**4921I**	—
	White	**4922W**	—	**4925W**	—	—	—
30A 120-277V AC	Brown	—	—	**3025BRN**	—	*Note: See above for replacement key 6006 information.*	
	Ivory	—	—	**3025I**	—		

Product Dimensions

Inches (mm)

A	4.06" (103.1)
B	3.28" (83.3)
C	1.30" (33.0)
D	1.11" (28.2)
E	2.27" (57.7)



Switches

Push Button Switches

Push Button Switches

4981

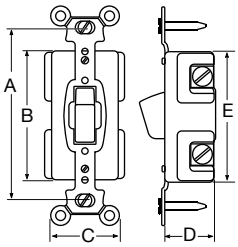
4998PLR

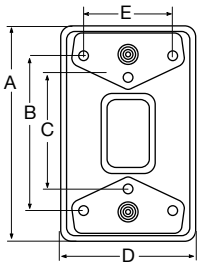
Description	Color	Push Button Switch			
		Single Pole	Double Pole	3-Way	4-Way
Standard, 20A 120-277V AC	Brown	**4981**	**4982**	**4983***	**4984***
Pilot light, pilot illuminates when switch is ON, 20A 120V AC	Red	**4997PLR**	—	**4998PLR***	—

*Note: *Pilot Light is not UL Listed or CSA Certified.*

Product Dimensions Inches (mm)

	Push Button Switch	Weatherproof Cover
A	3.28" (83.3)	4.63" (117.6)
B	2.38" (60.5)	3.25" (82.6)
C	1.50" (38.1)	2.38" (60.5)
D	0.97" (24.6)	2.94" (74.7)
E	2.44" (62.0)	1.88" (47.8)





Weatherproof Cover

1795WP

Description	Catalog Number
1-Gang, clear silicone rubber cover, fits both FS/FD and standard boxes	**1795WP**

Note: Weatherproof cover is not CSA Certified.

Heavy Duty Specification Grade Toggle Switches

Heavy Duty Specification Grade Self-Grounding Toggle Switches, Back and Side Wired

4801BI

4901BBLK

4803BGRY

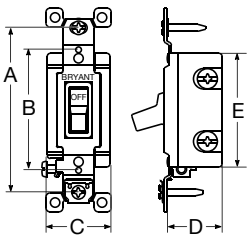
4904B

Amp	Color	Single Pole	Double Pole	3-Way	4-Way
15A 120-277V AC	Black	**4801BBLK**	—	**4803BBLK**	—
	Brown	**4801B**	—	**4803B**	—
	Gray	**4801BGRY**	—	**4803BGRY**	—
	Ivory	**4801BI**	—	**4803BI**	—
	Light Almond	**4801BLA**	—	**4803BLA**	—
	Red	**4801BRED**	—	**4803BRED**	—
	White	**4801BW**	—	**4803BW**	—
20A 120-277V AC	Black	**4901BBLK**	**4902BBLK**	**4903BBLK**	**4904BBLK**
	Brown	**4901B**	**4902B**	**4903B**	**4904B**
	Gray	**4901BGRY**	**4902BGRY**	**4903BGRY**	**4904BGRY**
	Ivory	**4901BI**	**4902BI**	**4903BI**	**4904BI**
	Light Almond	**4901BLA**	**4902BLA**	**4903BLA**	**4904BLA**
	Red	**4901BRED**	**4902BRED**	**4903BRED**	**4904BRED**
	White	**4901BW**	**4902BW**	**4903BW**	**4904BW**

Product Dimensions

Inches (mm)

A	3.28" (83.3)
B	2.33" (59.1)
C	1.25" (31.8)
D	1.13" (28.7)
E	2.28" (57.9)



Specifications are subject to change without notice.

Switches

Commercial Grade Toggle and Decorator Rocker Switches

Commercial Grade Self-Grounding Toggle Switches

CSB115BI

CSB220BGRY

CSB315B

CSB420BLA

CS115BW

CS320BI

Amp	Wiring Color	Back and Side Wired: Single Pole	Back and Side Wired: Double Pole	Back and Side Wired: 3-Way	Back and Side Wired: 4-Way	Side Wired Only: Single Pole	Side Wired Only: 3-Way
15A 120-277V AC	Black	**CSB115BBLK**	**CSB215BBLK**	**CSB315BBLK**	**CSB415BBLK**	**CS115BLK**	**CS315BLK**
	Brown	**CSB115B**	**CSB215B**	**CSB315B**	**CSB415B**	**CS115B**	**CS315B**
	Gray	**CSB115BGRY**	**CSB215BGRY**	**CSB315BGRY**	**CSB415BGRY**	**CS115BGRY**	**CS315BGRY**
	Ivory	**CSB115BI**	**CSB215BI**	**CSB315BI**	**CSB415BI**	**CS115BI**	**CS315BI**
	Light Almond	**CSB115BLA**	**CSB215BLA**	**CSB315BLA**	**CSB415BLA**	**CS115BLA**	**CS315BLA**
	White	**CSB115BW**	**CSB215BW**	**CSB315BW**	**CSB415BW**	**CS115BW**	**CS315BW**
20A 120-277V AC	Black	**CSB120BBLK**	**CSB220BBLK**	**CSB320BBLK**	**CSB420BBLK**	**CS120BLK**	**CS320BLK**
	Brown	**CSB120B**	**CSB220B**	**CSB320B**	**CSB420B**	**CS120B**	**CS320B**
	Gray	**CSB120BGRY**	**CSB220BGRY**	**CSB320BGRY**	**CSB420BGRY**	**CS120BGRY**	**CS320BGRY**
	Ivory	**CSB120BI**	**CSB220BI**	**CSB320BI**	**CSB420BI**	**CS120BI**	**CS320BI**
	Light Almond	**CSB120BLA**	**CSB220BLA**	**CSB320BLA**	**CSB420BLA**	**CS120BLA**	**CS320BLA**
	Red	**CSB120BRED**	**CSB220BRED**	**CSB320BRED**	**CSB420BRED**	—	—
	White	**CSB120BW**	**CSB220BW**	**CSB320BW**	**CSB420BW**	**CS120BW**	**CS320BW**

Commercial Grade Self-Grounding Decorator Rocker Switches, Back and Side Wired

9801I

9902

9803GRY

9904W

9901GLI

9903GLI

9901PLI120

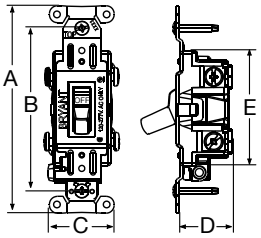
9901NLW

Amp	Color	Standard Decorator Rocker: Single Pole	Standard Decorator Rocker: Double Pole	Standard Decorator Rocker: 3-Way	Standard Decorator Rocker: 4-Way	Illuminated Rocker Illuminates when switch is OFF: Single Pole	Illuminated Rocker Illuminates when switch is OFF: 3-Way	Pilot Light Rocker Illuminates when switch is ON: Single Pole	Rocker with Nightlight: Single Pole
15A 120-277V AC	Black	—	—	—	—	—	—	—	—
	Brown	**9801**	—	**9803**	—	—	—	—	—
	Gray	**9801GRY**	—	**9803GRY**	—	—	—	—	—
	Ivory	**9801I**	—	**9803I**	—	—	—	—	—
	White	**9801W**	—	**9803W**	—	—	—	—	—
20A 120-277V AC	Black	**9901BLK**	**9902BLK**	**9903BLK**	**9904BLK**	—	—	—	—
	Brown	**9901**	—	**9903**	**9904**	—	—	—	—
	Gray	**9901GRY**	**9902GRY**	**9903GRY**	**9904GRY**	—	—	—	—
	Ivory	**9901I**	**9902I**	**9903I**	**9904I**	**9901GLI***	**9903GLI***	**9901PLI120**	**9901NLI****
	Lt. Almond	—	—	—	—	—	—	—	**9901NLLA****
	White	**9901W**	**9902W**	**9903W**	**9904W**	**9901GLW***	**9903GLW***	**9901PLW120**	**9901NLW****

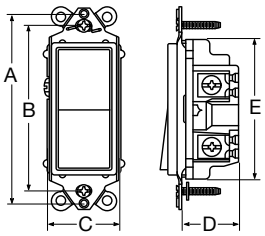
*Note: *Light glows through the top portion of the rocker when switch is in the OFF position. Does not require a neutral wire.*
***Nightlight projects through the top portion of the rocker when switch is in the OFF position. Requires a neutral wire.*

Product Dimensions Inches (mm)

	Toggle	Decorator
A	4.18" (106.2)	3.81" (96.8)
B	3.28" (83.3)	3.28" (83.3)
C	1.30" (33.0)	1.48" (37.6)
D	1.08" (27.4)	1.13" (28.7)
E	2.31" (58.7)	2.78" (70.6)



Toggle



Decorator

Switches

Residential Grade Toggle and Decorator Switches

- Elongated strap with continuous plaster ears positions device flush to the wall surface
- Tough thermoplastic ultrasonically welded cover and base
- High-visibility yellow base for easy installation in low light working conditions
- Quiet snap action mechanism
- UL Listed and CSA Certified

Residential Grade Toggle and Decorator Rocker Switches, 15A 120V AC

RS115W

RS315W

RS415LA

RSD115W

RSD415I

Wiring	Toggle Switch					Decorator Switch			
	Push and Side Wired				Side Wire	Push, Back and Side Wired			
Type	Single Pole		3-Way		4-Way	Single Pole	Double Pole	3-Way	4-Way
Color	Grounding	Self-Grounding	Grounding	Self-Grounding	Self-Grounding	Self-Grounding	Self-Grounding	Self-Grounding	Self-Grounding
Black	**RS115BK**	**—**	**RS315BK**	**—**	**—**	**RSD115BK**	**RSD215BK**	**RSD315BK**	**RSD415BK**
Brown	**RS115**	**RS115S**	**RS315**	**RS315S**	**RS415**	**RSD115**	**RSD215**	**RSD315**	**RSD415**
Gray	**—**	**—**	**—**	**—**	**—**	**RSD115GY**	**RSD215GY**	**RSD315GY**	**RSD415GY**
Ivory	**RS115I**	**RS115SI**	**RS315I**	**RS315SI**	**RS415I**	**RSD115I**	**RSD215I**	**RSD315I**	**RSD415I**
Lt. Almond	**RS115LA**	**RS115SLA**	**RS315LA**	**RS315SLA**	**RS415LA**	**RSD115LA**	**RSD215LA**	**RSD315LA**	**RSD415LA**
White	**RS115W**	**RS115SW**	**RS315W**	**RS315SW**	**RS415W**	**RSD115W**	**RSD215W**	**RSD315W**	**RSD415W**

Residential Grade Illuminated Toggle and Illuminated and Pilot Decorator Rocker Switches, 15A 120V AC

RS115ILC

RS315ILI

RSD115ILW

RSD315ILI

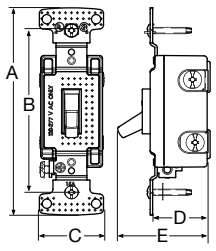
RSD115PLW

	Illuminated Toggle Switch, Frame is Clear and Illuminates, Toggle is Colored, Does Not Require a Neutral Wire		Illuminated Decorator, Illuminates when Switch is OFF, Does Not Require a Neutral Wire		Pilot Light Decorator, Illuminates when Switch is ON, Requires a Neutral Wire
Wiring	Push and Side Wired		Push, Back and Side Wired		Push, Back and Side Wired
	Self-Grounding		Self-Grounding		Self-Grounding
Color	Single Pole	3-Way	Single Pole	3-Way	Single Pole
Clear	**RS115ILC**	**RS315ILC**	**—**	**—**	**—**
Ivory	**RS115ILI**	**RS315ILI**	**RSD115ILI**	**RSD315ILI**	**RSD115PLI**
Lt. Almond	**RS115ILLA**	**RS315ILLA**	**RSD115ILLA**	**RSD315ILLA**	**RSD115PLLA**
White	**RS115ILW**	**RS315ILW**	**RSD115ILW**	**RSD315ILW**	**RSD115PLW**

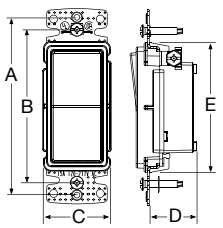
Product Dimensions

Inches (mm)

	Toggle	Decorator
A	4.19" (106.5)	3.81" (96.8)
B	3.28" (83.3)	3.28" (83.3)
C	1.30" (33.0)	1.47" (37.3)
D	1.08" (27.4)	1.16" (29.6)
E	2.31" (58.7)	1.88" (47.7)



Toggle



Decorator

Specifications are subject to change without notice.

Residential Grade Combination Devices

- Combination devices provide compact switches in a single gang opening
- Self-grounding tab is standard
- High-visibility yellow base for easy installation in low light working conditions
- Low profile, less than 1 inch allows for maximum wiring room in the box
- Elongated strap with continuous plaster ears positions device flush to the wall surface
- UL Listed and CSA Certified

Residential Grade Combination Switches, Side Wired Only

RC101I RC103I RC303I RCD111W RCD101W RCD103W RCD303W

	Toggle Switch			Decorator Switch			
Wiring	Side Wired Only			Side Wired Only			
Rating	15A 120V AC			15A 120-277V AC			
Color	(2) Single Pole	(1) Single Pole (1) 3-Way	(2) 3-Way	(3) Single Pole	(2) Single Pole	(1) Single Pole (1) 3-Way	(2) 3-Way
Black	—	—	—	—	**RCD101BK**	**RCD103BK**	**RCD303BK**
Brown	**RC101**	**RC103**	**RC303**	—	—	—	—
Gray	—	—	—	—	**RCD101GY**	**RCD103GY**	—
Ivory	**RC101I**	**RC103I**	**RC303I**	**RCD111I**	**RCD101I**	**RCD103I**	**RCD303I**
Lt. Almond	**RC101LA**	**RC103LA**	**RC303LA**	**RCD111LA**	**RCD101LA**	**RCD103LA**	**RCD303LA**
White	**RC101W**	**RC103W**	**RC303W**	**RCD111W**	**RCD101W**	**RCD103W**	**RCD303W**

Residential Grade Combination Switch with Receptacle, GFCI and USB

RC108I RC308I RCD108W RCD308W GFSPST15W USBB102W

		Toggle Switch with Receptacle		Decorator Switch with Receptacle		Switch with GFCI	USB Switch Combo Outlet
	Rating	15A 120V AC/15A 125V		15A 120V AC/15A 125V		15A 120V AC/ 15A 125V	15A 120V AC/ 3A 5V DC
	Color	(1) Single Pole (1) Receptacle	(1) 3-Way (1) Receptacle	(1) Single Pole (1) Receptacle	(1) 3-Way (1) Receptacle	(1) Single Pole (1) GFCI	(1) Single Pole (2) USB Ports
Standard	Black	—	—	**RCD108BK**	**RCD308BK**	—	**USBB102BK**
	Brown	**RC108**	**RC308**	—	—	—	**USBB102**
	Gray	—	—	**RCD108GY**	—	—	**USBB102GY**
	Ivory	**RC108I**	**RC308I**	**RCD108I**	**RCD308I**	—	**USBB102I**
	Lt. Almond	**RC108LA**	—	**RCD108LA**	**RCD308LA**	—	**USBB102LA**
	White	**RC108W**	**RC308W**	**RCD108W**	**RCD308W**	—	**USBB102W**
Tamper-Resistant TR	Black	—	—	**RCD108BKTR**	**RCD308BKTR**	—	—
	Brown	**RC108TR**	**RC308TR**	—	—	—	—
	Gray	—	—	**RCD108GYTR**	—	—	—
	Ivory	**RC108ITR**	**RC308ITR**	**RCD108ITR**	**RCD308ITR**	**GFSPST15I**	—
	Lt. Almond	**RC108LATR**	—	**RCD108LATR**	**RCD308LATR**	**GFSPST15LA**	—
	White	**RC108WTR**	**RC308WTR**	**RCD108WTR**	**RCD308WTR**	**GFSPST15W**	—

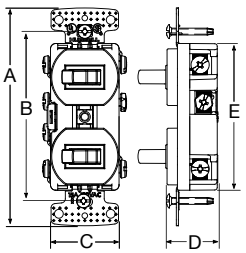
Note: See page R-6 for tamper-resistant description.

Product Dimensions

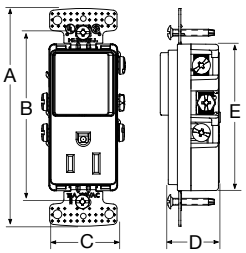
Inches (mm)

	Toggle	Decorator
A	4.20" (106.7)	4.20" (106.7)
B	3.27" (83.0)	3.27" (83.0)
C	1.32" (33.6)	1.32" (33.6)
D	0.97" (24.6)	0.97" (24.6)
E	2.82" (71.7)	2.82" (71.7)

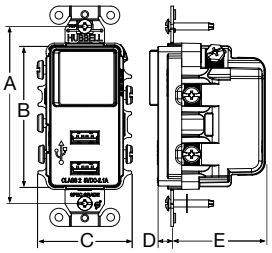
	USB Combo
A	3.28" (83.3)
B	2.62" (66.5)
C	1.75" (44.5)
D	0.29" (7.4)
E	1.72" (43.7)



Toggle



Decorator



USB Combo

Residential Grade Combination Devices

Residential Grade Combination Switch and Pilot Light

RC109I

RC309I

RCD109W

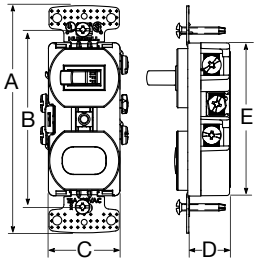
RCD309W

	Clear Lens, Amber Neon Bulb, Neutral Required for Pilot Light			
Rating	15A 120V AC			
Device	Toggle Switch		Decorator Rocker	
Color	(1) Single Pole (1) Pilot Light	(1) 3-Way (1) Pilot Light	(1) Single Pole (1) Pilot Light	(1) 3-Way (1) Pilot Light
Brown	**RC109**	**RC309**	—	—
Ivory	**RC109I**	**RC309I**	**RCD109I**	**RCD309I**
Light Almond	**RC109LA**	—	**RCD109LA**	**RCD309LA**
White	**RC109W**	**RC309W**	**RCD109W**	**RCD309W**

Product Dimensions

Inches (mm)

A	4.20" (106.7)
B	3.27" (83.0)
C	1.32" (33.6)
D	0.97" (24.6)
E	2.82" (71.7)



Accessories

Neon Pilot Light

48071R

Description	Color	Neon Pilot Light
Plastic jewel, 1/25 watts, back and side wired	Opal	**480710**
	Red	**48071R**

Toggle Switch Lockout

BSLD

Description	Color	Toggle Switch Lockout
Thermoplastic	Red	**BSLD**

Note: Not UL Listed or CSA Certified.

Accessories

746

Description	Color	Plastic Jewels
Rectangular for standard switch plate opening	Red	**746**
	Green	**746GREEN**

Note: Not UL Listed or CSA Certified.

Specifications are subject to change without notice.

Compact Design Door Switches and Replacement Switches

RDS50

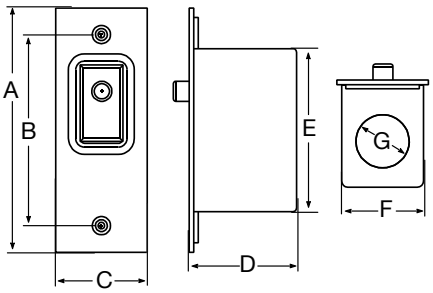
RDS30

Description	ON When Door is Open	OFF When Door is Open
Door switch with cover plate and box, zinc plated steel, 3A 125V AC	**RDS50***	**RDS30***
Replacement switch only complete with #18 AWG wire leads and adjustable plunger, 6A 125V, 3A 250V	**1205BRY****	**1206BRY****

*Note: *Not UL Listed.*
***Not UL Listed or CSA Certified.*

Product Dimensions Inches (mm)

A	4.00" (10.16)
B	3.13" (7.95)
C	1.50" (3.81)
D	1.76" (4.47)
E	2.67" (6.78)
F	1.34" (3.40)
G	½ KO 0.87" (2.21)



In-Line Cord Switches

In-Line Cord Switches

RS100W

RS101W

Mini In-Line Cord Switch		
Description	Color	Catalog Number
Mini in-line cord switch, #18 AWG, for use with flat lamp cord, SPT 1 and SPT 2, 6A 125V AC	White	**RS100W**

Heavy Duty In-Line Cord Switch		
Description	Color	Catalog Number
Heavy duty in-line cord switch, #18/2-#16/2, SPT 1 and SPT 2, 6A 125V AC, ⅛ HP	Ivory White	**RS101I** **RS101W**

Switches

Technical Specifications

4801I

9801I

RSD115W

Switches

Description	Industrial Grade	Commercial Grade	Residential
Typical specification – catalog number	4801, 4901	9801, 9901	RSD115
Manufacturer's identification	Bryant 4801, 4901	Bryant 9801, 9901	RSD115
Description	Industrial grade AC switch, back and side wired	Commercial grade fashion series rocker switch	Residential decorator series rocker switch
Type	Single pole, single-throw, grounded	Single pole, double pole, 3-way and 4-way	
Rating	15A and 20A, 120-277V AC	15A and 20A, 125V-277V AC	

Certification

UL Listed, Guide #WMUZ Verified under Fed. Spec. #WS 896 Complies with UL 20 and NEMA® Standard WD-1	Listed to UL Standard 20 CSA Certified

Materials

Components	Materials	Materials
Cover Base	Thermoset (Face color coded by amperage)	Polycarbonate PVC
Toggle Rocker	Nylon —	— Polycarbonate
Terminal	High performance copper-alloy	Brass
Terminal screws	Brass #8 combination head	Steel
Mounting yoke	Brass and nickel-plated steel	Galvanized steel
Contacts	Silver cadmium oxide	Silver alloy
Movable contact arm	High performance copper-alloy	Copper alloy
Ground terminal	Brass and nickel-plated steel	—
Ground screw	Brass (green)	—
Auto ground clip	Stainless steel	—

Performance

Electrical			
Dielectric voltage	Withstands 1500V minimum for 1 min	Withstands 1500V minimum for 1 min	
Maximum working voltage	277V AC	277V AC (Commercial)	120V (Residential)
Overload	—	1.5 times rating	
Temperature rise	30°C maximum at rated current	—	
Maximum continuous current	15A, 20A, 30A	—	
Endurance	50,000 cycles minimum, tungsten filament lamp load (Fed. Spec.), #WS 896, single pole, double pole, 3-way and 4-way	30,000 cycles minimum	
Mechanical			
Terminal accommodation	#14 AWG minimum - #10 AWG maximum	Back and side wire: up to #10 AWG max. solid and stranded copper wire only	Back and side wire: #14 AWG min. to #12 AWG max. solid and stranded copper wire only, push wire: #14 AWG solid copper wire only
Environmental			
Flammability	UL 94 V2	UL 94 V2	UL V0
Operating temperatures	Maximum continuous 75°C, minimum -40°C (without impact)	Maximum continuous 60°C, minimum -20°C (without impact)	

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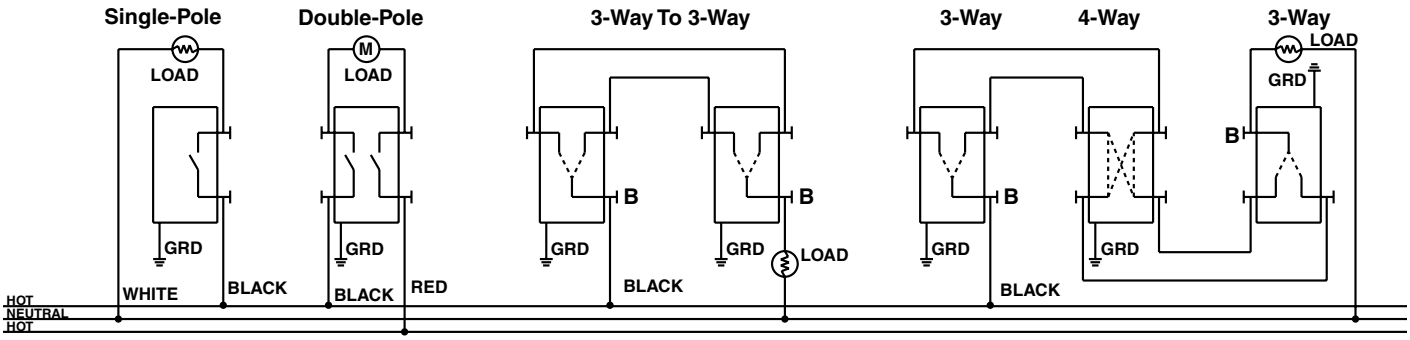
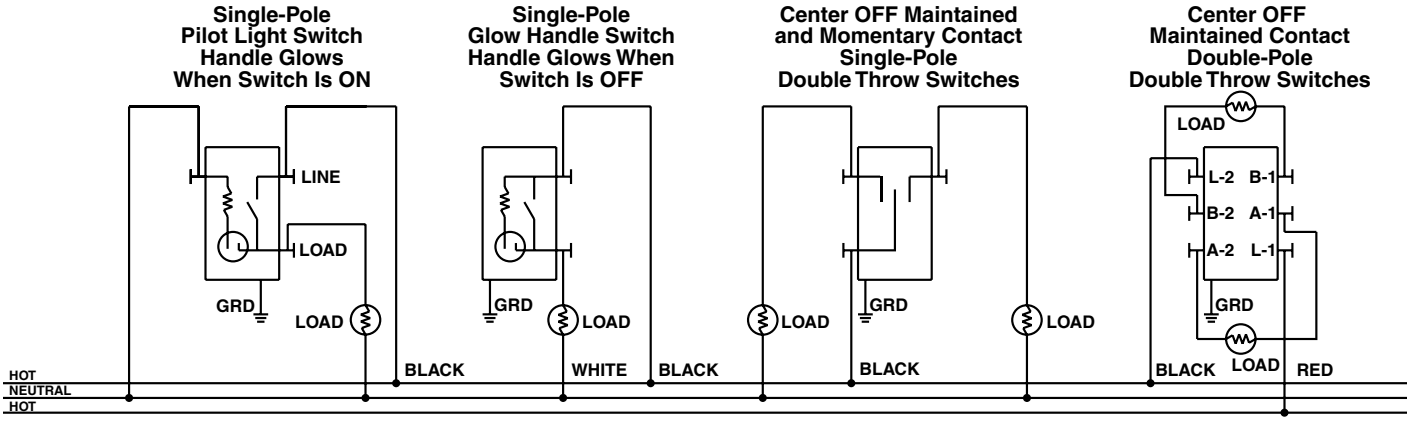
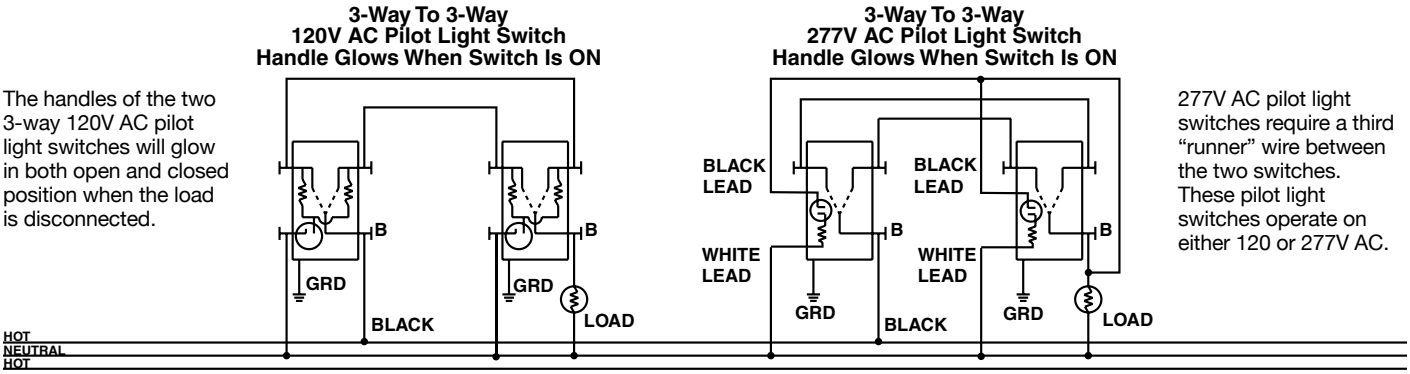
AC Switches



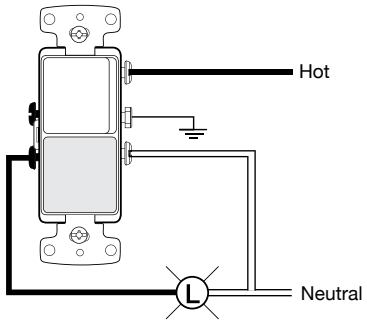


The handles of the two 3-way 120V AC pilot light switches will glow in both open and closed position when the load is disconnected.

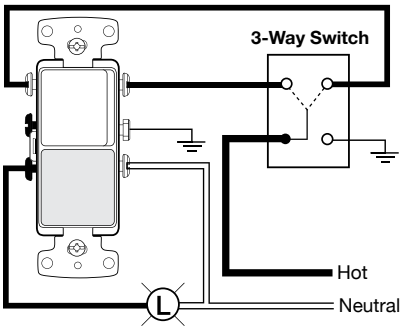


277V AC pilot light switches require a third "runner" wire between the two switches. These pilot light switches operate on either 120 or 277V AC.

Pilot Light Wiring Diagram
Single Pole



Pilot Light Wiring Diagram
3-Way



30003D

50003D

60003D

Toggle AC Motor Controllers Suitable as Disconnects (See Section F for Product Features)

TECH·SPEC®

Description	Amp	Phase	Poles	HP Ratings 120V AC	240V AC	480V AC	600V AC	Catalog Number
Toggle switch	30	1	2	2	5	10	15	**30002D**
Short toggle switch	30	1	2	2	5	10	15	**30002DS**
Toggle switch	30	3	3	3	7.5	15	20	**30003D**
Short toggle switch	30	3	3	3	7.5	15	20	**30003DS**
Toggle switch	40	1	2	2	5	10	15	**40002D***
Toggle switch	40	3	3	3	7.5	15	25	**40003D**
Toggle switch	50	1	2	2	5	10	15	**50002D**
Toggle switch	50	3	3	3	7.5	15	25	**50003D**
Toggle switch	60	1	2	—	10	15	20	**60002D**
Toggle switch	60	3	3	—	10	25	30	**60003D**
Toggle switch – front wire	60	1	2	—	10	15	20	**60002FWD**
Toggle switch – front wire	60	3	3	—	10	25	30	**60003FWD**
Toggle switch	85	1	2	—	10	15	20	**85002D**
Toggle switch	85	3	3	—	10	25	40	**85003D**

*Note: *For motor controller only, use catalog number 4002.*

66033D

30102D

Rotary AC Manual Motor Controllers Suitable as Disconnects (See Section F for Product Features)

Description	Amp	Phase	Poles	HP Ratings 120V AC	240V AC	480V AC	600V AC	Catalog Number
Rotary switch	30	1	2	2	5	10	15	**66032D**
Rotary switch	30	3	3	3	7.5	15	20	**66033D**
Rotary switch	40	1	2	2	5	10	15	**66042D**
Rotary switch	40	3	3	3	7.5	15	25	**66043D**
Rotary switch	60	1	2	—	10	15	20	**66062D**
Rotary switch	60	3	3	—	10	25	30	**66063D**

30302D

664S33D

664X33D

Toggle and Rotary Enclosed Switches Suitable as Disconnects (See Section F for Product Features)

Description	Amp	Phase	Poles	HP Ratings 120V AC	240V AC	480V AC	600V AC	Catalog Number
NEMA 1 aluminum – toggle	30	1	2	2	5	10	15	**30102D**
NEMA 1 aluminum – toggle	30	3	3	3	7.5	15	20	**30103D**
NEMA 3/3R non-metallic	30	1	2	2	5	10	15	**30322D**
NEMA 3/3R non-metallic	30	3	3	3	7.5	15	20	**30323D**
NEMA 3R die cast aluminum	30	1	2	2	5	10	15	**30312D**
NEMA 3R die cast aluminum	30	3	3	3	7.5	15	20	**30313D**
NEMA 3R aluminum	30	1	2	2	5	10	15	**30302D**
NEMA 3R aluminum	30	3	3	3	7.5	15	20	**30303D**
NEMA 3R aluminum	60	1	2	—	10	15	20	**60302D**
NEMA 3R aluminum	60	3	3	—	10	25	30	**60303D**
NEMA 4X stainless steel	30	3	3	3	7.5	15	20	**664S33D**
NEMA 4X stainless steel	60	3	3	—	10	25	30	**664S63D**
NEMA 4X rotary motor controller	30	3	3	3	7.5	15	20	**664X33D**
NEMA 4X rotary motor controller	40	3	3	3	7.5	15	20	**664X43D**
NEMA 4X rotary motor controller	60	3	3	—	10	25	30	**664X63D**

30003FG

660AC

Accessories (See Section F for Product Features)

Description	Catalog Number
Finger guards, red, for use with 30, 40 and 50 amp switches (set of 2)	**30003FG**
Handle kit for rotary switch, includes handle, shaft, mounting brackets and required screws	**6610MK**
Weatherproofing kit for rotary switch, includes 4 seals, neoprene bushing and 3 “O” rings	**664XWP**
Auxiliary contact NO/NC, includes 1 contact for use with push-on terminals	**660AC**
Mounting feet for NEMA 4X enclosure	**664XFT**
Neutral buss connector for NEMA 4X enclosure	**6603N**

Section E

Occupancy Sensors and Lighting Controls

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Occupancy Sensors and Lighting Controls

Energy Savings with Occupancy Sensors

Typical Applications

Applications are generalized. Consult your BRYANT representative for the type of technology and products that fit your needs.

Application		Sensor Technology				Sensor Style		
		Adaptive	Dual	Ultrasonic	PIR	Wall Switch	Ceiling	Wall
Office	Small	✓+	✓+		✓	✓+	✓	
	Large	✓+	✓+	✓			✓+	
Open Office		✓+	✓	✓+			✓+	
Storage/ Warehouse	Small				✓+	✓+		
	Large	✓+			✓+		✓+	✓+
Rest Room	Small			✓+	✓+	✓+	✓	
	Large	✓+		✓+			✓+	
Conference Room	Small	✓+	✓+			✓+	✓	
	Large	✓+	✓+				✓+	
Classroom	Small	✓+	✓+			✓+	✓	
	Large	✓+	✓+				✓+	
Hall		✓+		✓+	✓		✓+	✓

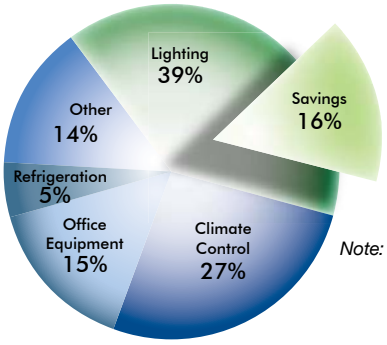
Bryant Occupancy Sensors Play a Key Role

In the U.S., lighting consumes 22% of electricity and represents $40 billion a year in energy costs. Using advanced technology, Bryant's Occupancy Sensors are doing their part to save energy and provide sustainability by automatically and effectively turning lights on when a room is occupied and off when a room is vacant. In a typical office building, where lighting accounts for 35 to 45% of energy use, Occupancy Sensors have the potential to reduce wasted lighting by 13 to 90% for a significant return on investment (ROI).

Bryant offers a broad range of occupancy and vacancy sensors and lighting controls that meet the latest codes and standards, including ASHRAE/IESNA 90.1 and California Energy Commission (CEC) Title 24. BRYANT® Occupancy Sensors can help gain LEED® points in categories like Sustainable Sites, Energy and Atmosphere, Indoor Environmental Quality and Innovative Design Process.

Electrical bill impact for a typical office building*

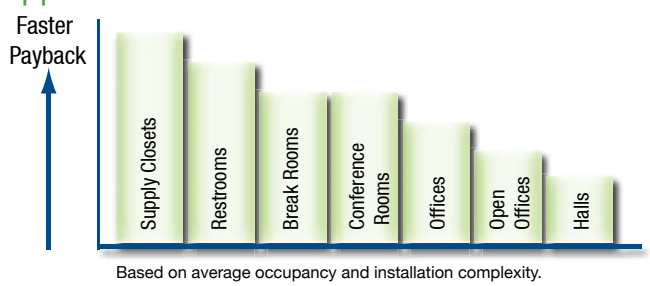
Lighting Uses 39% of Total Electricity



Potential electricity bill savings**

Note: *Energy Information Administration: Commercial Buildings Energy Consumption Survey
**Based on 40% lighting savings from sensors. Actual results may vary.

Application ROI Index

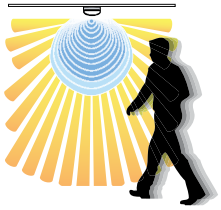


Based on average occupancy and installation complexity.

LEED® is a registered trademark of the U.S. Green Building Council.

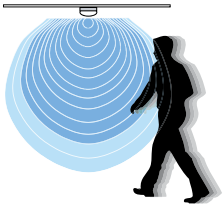
How to Select the Right Technology for the Proper Application

Dual Technology



Dual technology occupancy sensors combine both passive infrared (PIR) and ultrasonic (US) technologies for maximum reliability. Because US and PIR need to both detect occupancy to turn lighting ON, dual technology sensors minimize the risk of lights coming ON when the space is unoccupied—false triggering. Continued detection by only one technology then keeps lighting ON as necessary. Dual technology sensors offer the best performance for most applications.

Ultrasonic (US)

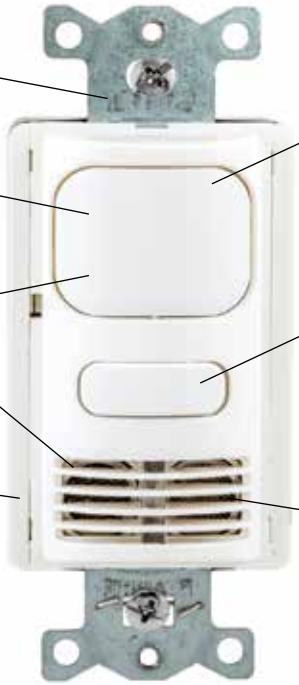


Ultrasonic (US) technology senses occupancy by bouncing sound waves (32 kHz - 45 kHz) off of objects and detecting a frequency shift between the emitted and reflected sound waves. Movement by a person or object within a space causes a shift in frequency, which the sensor interprets as occupancy. While US occupancy sensors have a limited range, they are excellent at detecting even minor motion such as typing and filing, and they do not require an unobstructed line-of-sight. This makes US technology sensors ideal for an application like an office with cubicles or a restroom with stalls.

Passive Infrared (PIR)

Passive infrared (PIR) technology senses occupancy by detecting the movement of heat emitted from the human body against the background space. Unlike US technology, PIR sensors require an unobstructed line-of-sight for detection. These sensors use a segmented lens, which divides the coverage area into zones. Movement between zones is then interpreted as occupancy. PIR sensors are ideal for detecting major motion (e.g. walking), and they work best in small, enclosed spaces with high levels of occupant movement.

Dual (Ultrasonic and Passive Infrared)



- Steel mounting strap
- Impact resistant hard lens is standard and color matched to the switch
- Dual technology sensing combines the individual advantages of passive infrared and ultrasonic detection
- Designed for use on 120V AC or 277V AC circuits, no neutral needed for fast retrofits
- Built-in photocell with manual super saver mode for daylight harvesting
- Auto or manual ON operating modes, available in either single relay or dual relay versions for enhanced savings with bi-level switching applications
- Adaptive technology - “Install and forget” operation, analyzes environment and adjusts sensitivity and timer, eliminating the need for manual adjustment

MSD2000W1

Passive Infrared

- Steel mounting strap
- High density 1200 square foot 180° coverage with tough tamper-resistant lens
- Photocell can prevent lights from turning ON with sufficient natural light
- Front press switch allows the occupant to switch the sensor from automatic operation to momentary OFF mode
- Designed for use on 120V AC or 277V AC circuits, no neutral needed for fast retrofits
- Heavy duty relay controls up to 1000 watts at 120V AC or 1800 watts at 277V AC
- Nightlight version available to provide minimum illumination when the lights are off
- Tamper-resistant push button covers the time-out, service switch, vacancy and occupancy operation mode settings

MS2000W

Dual (Ultrasonic and Passive Infrared)

- "Install and forget" operation
- Zero arc point switching
- Dual 120/277V AC operation, no neutral required
- Auto or manual ON operating modes (2000 series)
- Manual ON (Vacancy) operating mode (2001 series)
- No minimum load requirements
- Hard lens (dual technology, passive infrared)
- Steel mounting strap
- Bi-level switching or dual load control (2 or 2N suffix)
- Compatible with most LED and CFL

MSD2000W1
MSD2001W1

MSD2000W1N

MSD2000W2
MSD2001W2

MSD2000W2N

Description	Color	Single Circuit: 1 Button for Manual/Auto Control	Single Circuit: Auto Control with No Button	Dual Circuit: 2 Buttons for Manual/Auto Control	Dual Circuit: Auto Control with No Button
Dual (Ultrasonic and Passive Infrared)	Black	**MSD2000BK1**	**MSD2000BK1N**	**MSD2000BK2**	**MSD2000BK2N**
1000 square foot coverage with photocell, 800W Incandescent, 1000W Fluorescent at 120V AC, 1800W Fluorescent at 277V AC, 50/60Hz	Gray	**MSD2000GY1**	**MSD2000GY1N**	**MSD2000GY2**	**MSD2000GY2N**
	Ivory	**MSD2000I1**	**MSD2000I1N**	**MSD2000I2**	**MSD2000I2N**
	Light Almond	**MSD2000LA1**	**MSD2000LA1N**	**MSD2000LA2**	**MSD2000LA2N**
	White	**MSD2000W1**	**MSD2000W1N**	**MSD2000W2**	**MSD2000W2N**
Dual Manual ON (Vacancy)	Black	**MSD2001BK1**	—	**MSD2001BK2**	—
1000 square foot coverage with photocell, 800W Incandescent, 1000W Fluorescent at 120V AC, 1800W Fluorescent at 277V AC, 50/60Hz	Gray	**MSD2001GY1**	—	**MSD2001GY2**	—
	Ivory	**MSD2001I1**	—	**MSD2001I2**	—
	Light Almond	**MSD2001LA1**	—	**MSD2001LA2**	—
	White	**MSD2001W1**	—	**MSD2001W2**	—

Note: See page E-14 for technical specifications and wiring schematics. Wallplate sold separately, see Section P for more information.

Ultrasonic

- "Install and forget" operation
- Zero arc point switching
- Dual 120/277V AC operation, no neutral required
- Auto or manual ON operating modes (2000 series)
- Manual ON (Vacancy) operating mode (2001 series)
- No minimum load requirements
- Hard lens (dual technology, passive infrared)
- Steel mounting strap
- Bi-level switching or dual load control (2 or 2N suffix)
- Compatible with most LED and CFL

MSU2000W1
MSU2001W1

MSU2000W1N

MSU2000W2
MSU2001W2

MSU2000W2N

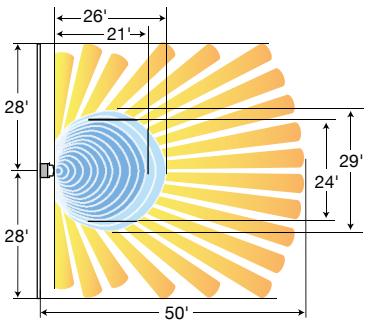
Description	Color	Single Circuit: 1 Button for Manual/Auto Control	Single Circuit: Auto Control with No Button	Dual Circuit: 2 Buttons for Manual/Auto Control	Dual Circuit: Auto Control with No Button
Ultrasonic	Black	**MSU2000BK1**	**MSU2000BK1N**	**MSU2000BK2**	**MSU2000BK2N**
400 square foot coverage with photocell, 800W Incandescent, 1000W Fluorescent at 120V AC, 1800W Fluorescent at 277V AC, 50/60Hz	Gray	**MSU2000GY1**	**MSU2000GY1N**	**MSU2000GY2**	**MSU2000GY2N**
	Ivory	**MSU2000I1**	**MSU2000I1N**	**MSU2000I2**	**MSU2000I2N**
	Light Almond	**MSU2000LA1**	**MSU2000LA1N**	**MSU2000LA2**	**MSU2000LA2N**
	White	**MSU2000W1**	**MSU2000W1N**	**MSU2000W2**	**MSU2000W2N**
Ultrasonic Manual ON (Vacancy)	Black	**MSU2001BK1**	—	**MSU2001BK2**	—
400 square foot coverage with photocell, 800W Incandescent, 1000W Fluorescent at 120V AC, 1800W Fluorescent at 277V AC, 50/60Hz	Gray	**MSU2001GY1**	—	**MSU2001GY2**	—
	Ivory	**MSU2001I1**	—	**MSU2001I2**	—
	Light Almond	**MSU2001LA1**	—	**MSU2001LA2**	—
	White	**MSU2001W1**	—	**MSU2001W2**	—

Note: See page E-14 for technical specifications and wiring schematics. Wallplate sold separately, see Section P for more information.

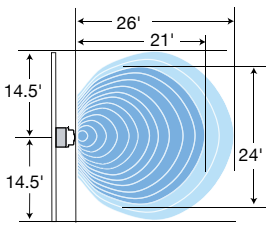
Coverage Patterns

Minor Motion: Ultrasonic PIR

Major Motion: Ultrasonic PIR



MSD2000 Series



MSU2000 Series

Adaptive Technology, Passive Infrared

- "Install and forget" operation
- Dual 120/277V AC operation, no neutral required
- 1200 sq. ft. coverage
- Built-in photocell for daylight harvesting
- Wallplate included
- Steel mounting strap
- Compatible with most LED and CFL
- CEC Title 24 Compliant
- cULus

MS2000ATW

MS2000ATNW

Description	Color	Standard	with Nightlight
Adaptive auto-adjusting, selectable manual/auto-ON operation, dual-voltage 120/277V AC, 3-way capable	Gray	**MS2000ATGY**	**MS2000ATNGY**
	Ivory	**MS2000ATI**	**MS2000ATNI**
	Light Almond	**MS2000ATLA**	**MS2000ATNLA**
	White	**MS2000ATW**	**MS2000ATNW**
Same as above, with neutral	Ivory	**MS2004ATI**	**MS2004ATNI**
	White	**MS2004ATW**	**MS2004ATNW**

Note: See page E-15 for technical specifications and wiring schematics.

Passive Infrared

- Passive infrared technology
- Manual adjustment time delay (20 sec. to 30 min.)
- Photocell (WS2000 series)
- No neutral required
- 1200 sq. ft. coverage
- Wallplate included
- Steel mounting strap
- Compatible with most LED and CFL
- CEC Title 24 Compliant
- cULus

MS2000W
MS1000W

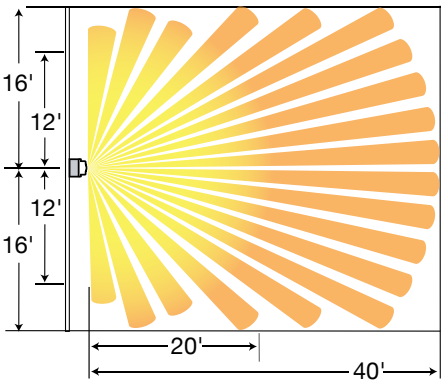
MS2000NW
MS1000NW

Description	Color	Standard	with Nightlight
Manual adjusting, selectable manual/auto-ON operation, dual-voltage 120/277V AC, 3-way capable	Gray	**MS2000GY**	**MS2000NGY**
	Ivory	**MS2000I**	**MS2000NI**
	Light Almond	**MS2000LA**	**MS2000NLA**
	White	**MS2000W**	**MS2000NW**
Same as above, with neutral	Ivory	**MS2004I**	**MS2004NI**
	White	**MS2004W**	**MS2004NW**
Manual adjusting, auto-ON operation, 120V AC only	Ivory	**MS1000I**	**MS1000NI**
	White	**MS1000W**	**MS1000NW**
Manual adjusting, manual-ON operation, 120V AC only	Ivory	**MS1001I**	**MS1001NI**
	White	**MS1001W**	**MS1001NW**

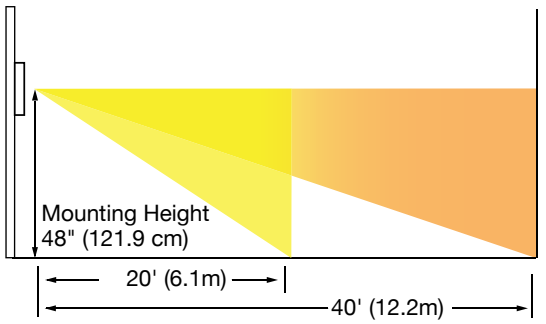
Note: See page E-15 for technical specifications and wiring schematics.

Coverage Patterns

Minor Motion: PIR
Major Motion: PIR



MS2000AT, MS2000, MS1000 Series



Vertical Coverage
MS2000AT, MS2000, MS1000 Series

Occupancy Sensors and Lighting Controls

Digital Timers

Digital Timer

DT20H

Description	Color	Catalog Number
Dip switch enabled preset intervals, user adjustable up to 4 hours, 3-way capable, 960W @ 120V AC and 1200W @ 277V AC. Includes an ON/OFF momentary push button switch feature	White	**DT20H**

Count Down Timers

DT5030W

DT5060W

DT5012W

Description	Color	30 Minutes: OFF, 5, 10, 20, 30	60 Minutes: OFF, 15, 30, 45, 60	12 Hours: OFF, 2, 4, 8, 12
1000W @ 120V AC and 1400W @ 277V AC	Ivory	**DT5030I**	**DT5060I**	**DT5012I**
	Light Almond	**DT5030LA**	**DT5060LA**	**DT5012LA**
	White	**DT5030W**	**DT5060W**	**DT5012W**

Note: Wallplate sold separately, see Section P for more information.

Low Voltage Switches

- Attractive, architectural design
- Available latching or momentary contact
- Mounts to standard single gang box
- 2-year warranty

DSL30W1

DSM30W1

DSM30W2

Description	Color	Latching, 1 Button	Momentary, 1 Button	Momentary, 2 Button
Low voltage switch	Ivory	**MSL30I1**	**MSM30I1**	**MSM30I2**
	White	**MSL30W1**	**MSM30W1**	**MSM30W2**

Note: Wallplate sold separately, see Section P for more information.

Sensor Accessories

Ceiling Sensors Accessories

Description	Catalog Number
Ceiling sensor infrared, NEMA Type 4X enclosure	**MSP4X**
Ceiling mount raceway adapter	**MSCRA**
Ceiling mount wire guard	**MSWGC**

MSP4X

MSCRA

MSWGC

Wall Mount Sensors Accessories

Description	Catalog Number
Wall switch wire guard	**MSWGS**
Wall mount wire guard	**MSWGW**

MSWGS

MSWGW

Occupancy Sensors and Lighting Controls

Adaptive Technology Ceiling and Wall Mount Sensors

- Dual technology sensing combines the individual advantages of passive infrared and ultrasonic detection
- Adaptive technology - "Install and forget" operation, analyzes environment and adjusts sensitivity and timer, eliminating the need for manual adjustment
- Digital, crystal controlled ultrasonic transmitter and receiver for coverage in each direction for superior sensing of motion
- Dual element passive infrared detector and lens sense heat in motion
- Red LED indicates passive infrared detection, green LED indicates ultrasonic detection

MSD2000C

MSD1000C, MSD500C

MSU2000C

MSU1000C, MSU500C

MSP1500C, MSP600C

MSD1600W

MSP1600W, MSP120HB

	Ceiling				Wall Mount*		
Type	Coverage	Field of View	Low Voltage	Line Voltage	Coverage	Description	Catalog Number
Dual (Ultrasonic and Passive Infrared)	2000 sq. ft. 1000 sq. ft. 500 sq. ft.	360° 180° 180°	**MSD2000C** **MSD1000C** **MSD500C**	**MSD2000CL** **MSD1000CL** **—**	1600 sq. ft.	Low Voltage 32kHz	**MSD1600W**
Ultrasonic	2000 sq. ft. 1000 sq. ft. 500 sq. ft.	360° 180° 180°	**MSU2000C** **MSU1000C** **MSU500C**	**MSU2000CL** **MSU1000CL** **—**	—	—	**—**
Passive Infrared	1500 sq. ft. 450 sq. ft.	360° 360°	**MSP1500C** **MSP600C**	**MSP1500CL** **MSP600CL**	1600 sq. ft. 120 Linear ft.	Wide angle coverage For aisle and high bay	**MSP1600W** **MSP120HB**

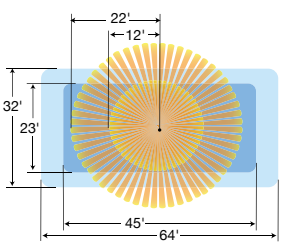
Note: Ceiling and Wall Mount sensors must use a Control Unit.
**Swivel mounting bracket included for wall or ceiling mounting.*
See page E-6 for ceiling sensors accessories.
See page E-16 for technical specifications and wiring schematics.

Control Units

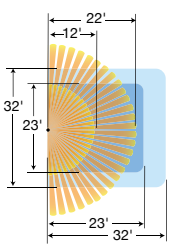
Description	Automatic ON	Manual ON	Auto or Manual ON	Add-A-Relay
The MSCU series provides a 24V DC power supply for sensors or sensor/Add-A-Relay combinations. The control units contain an internal relay for the control of an external load. Control units are plenum rated cULus Listed. 120/277V AC, 50/60 Hz for use with MSD, MSU and MSP series ceiling/wall mount sensors.	**MSCU**	**MSCUM**	**MSCUHD**	**MSAR**

Coverage Patterns

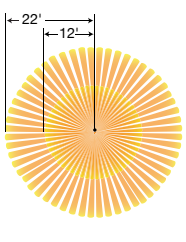
Minor Motion: Ultrasonic PIR **Major Motion:** Ultrasonic PIR



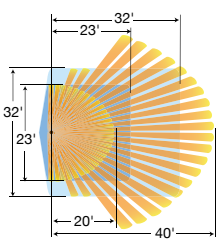
MSD2000C



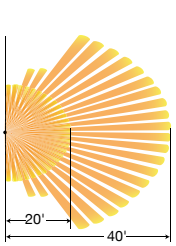
MSD1000C



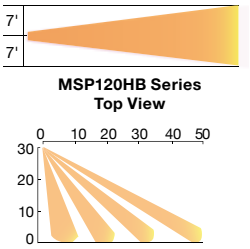
MSP1500C



MSD1600W

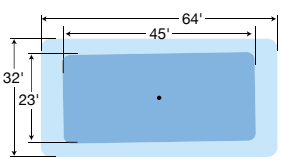


MSP1600W

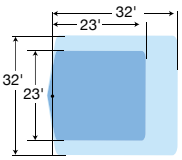


MSP120HB Series Top View

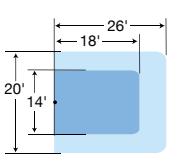
Side View



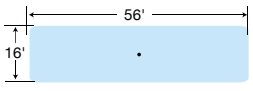
MSU2000C



MSU1000C



MSU500C



MSU2000C Hallway Application

Occupancy Sensors and Lighting Controls

OPTIMYZER® High Bay and Low Bay Sensors

- Digital passive infrared (PIR) sensor
- Multiple (single and dual) output versions
- Single and dual timer operation
- Low-profile design
- Supports mounting heights up to 45 feet (High Bay)
- Supports mounting heights between 8-16 feet (Low Bay)
- Area and aisle coverage

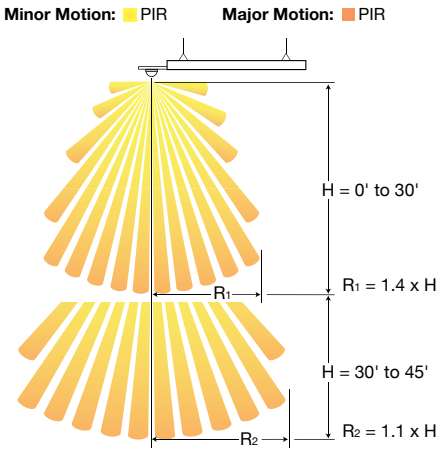
Daylight Harvesting Passive Infrared

MSHB219, MSHB229, MSHB2LV9

		Fluorescent High Bay PIR Sensor		
Color	Voltage	1 Relay	2 Relays	with Photocell
White	120-347V AC	**MSHB219**	**MSHB229**	**—**
White	24V DC	**—**	**—**	**MSHB2LV9***

Note: 360° high bay lens included. Low bay lens options sold separately, see below for details.
**For use with MSCUHD (120/277V AC, 50/60Hz) control unit.*
See page E-19 for technical specifications.

Coverage Patterns



Replacement Lenses and Accessories

Description	High Bay	Low Bay
180° Lens	**MSHBL180**	**MSLBL180**
360° Lens	**MSHBL360**	**MSLBL360**
Aisle lens	**MSHBLA**	**MSLBLA**
End of aisle lens	**MSHBLEA**	**MSLBLEA**
Mounting extension adapter	**MSHBSA**	**MSHBSA**

MSHBL180

MSHBL360

MSHBLA

MSHBLEA

MSHBSA

Daylight Harvesting

- Multiple calibration options
- Selectable 3- or 8-second dimming rate
- Low-profile design
- Light-sensitivity wide range of options

Description	Voltage	Catalog Number
Daylight tracker with ON/OFF control	24V DC	**MDHT***
Daylight tracker with dimming control	24V DC	**MDHTD†**

*Note: *For use with MSCU series control units.*
†For use with 0-10V DC dimming ballasts.

MDHT

MDHTD

Watertight Wall Mount PIR Sensor

IP66, NEMA Type 4X, outdoor rated, heavy duty wall or pendant mount sensor with -40°F to 149°F (-40°C to 65°C) operating temperature range and 160° of coverage.

Description	Voltage	Catalog Number
PIR sensor, with isolated relay and photocell	24V DC	**MSHT1600WRP**
Adaptor plate for single gang FS boxes	—	**MSHAP1**
Adaptor hub and nipple for Killark NJ series boxes	—	**MSHAP2**
Adaptor plate for Killark® NV series boxes	—	**MSHAP3**
½" NPT threaded hub	—	**MSHAP4**

Note: For use with MSCUHD (120/277V AC, 50/60Hz) control unit.
See page E-19 for technical specifications and coverage patterns.

MSHT1600WRP

Extreme Temperature PIR Ceiling Sensor

Upgraded ceiling sensor with -40°F to 149°F (-40°C to 65°C) operating temperature range. Use MSP4X to make NEMA Type 4X watertight.

Description	Voltage	Catalog Number
Sensor with isolated relay and photocell	24V DC	**MSHT1500CRP**
IP66, NEMA Type 4X enclosure	—	**MSP4X**

Note: For use with MSCUHD (120/277V AC, 50/60Hz) control unit.
See page E-19 for technical specifications and coverage patterns.

MSHT1500CRP
with **MSP4X**

Heavy Duty Control Unit

Robust latching relay provides reliable performance over many different applications, including plug loads, 20A 100-277V AC, 1HP @ 120V AC, 2HP @ 240/277V AC. Auto or Manual-ON operation. Powers up to six low voltage sensors.

Description	Voltage	Catalog Number
Heavy duty control unit	120-277V AC	**MSCUHD**

Note: See page E-16 for technical specifications.

MSCUHD

OPTIMYZER® Watertight End Mount PIR Sensor

IP65, NEMA Type 3R, outdoor rated, -40°F to 149°F (-40°C to 65°C) operating temperature range.

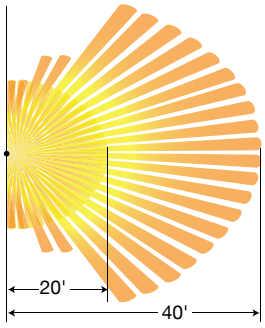
Description	Voltage	Catalog Number
Single relay with photocell	120-347V AC	**MSHB21UPCW**
2 relays with photocell	120-347V AC	**MSHB22UPCW**
Low voltage with photocell	24V DC	**MSHB2LVPCW***

Note: 360° high bay lens included. Low bay lens options sold separately, see below for details.
**For use with MSCUHD (120/277V AC, 50/60Hz) control unit.*
See page E-8 for replacement lenses and accessories.
See page E-19 for technical specifications and coverage patterns.

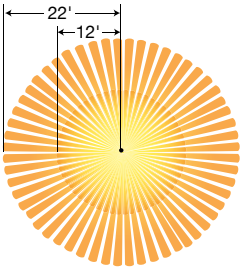
MSHB21UPCW

Coverage Pattern

Minor Motion: PIR **Major Motion:** PIR



MSHT1600WRP



MSHT1500CRP

Occupancy Sensors and Lighting Controls

Permanently Marked Receptacles for Automatic Outlet Control Systems

Power when you need it... Energy savings when you don't

- Permanent power symbol remains clearly visible after installation
- Factory broken split tab on the half controlled units saves field installation time
- Ideal for commercial buildings, retail, schools, hotel rooms
- Compliment Bryant's Load:Logic Automatic Outlet Control systems as well as existing systems
- Listed for 20A enclosed switching
- Heavy duty 60A rated mechanical latching relay, silver alloy contacts
- Low voltage output short circuit protection
- 24V DC, 250mA DC power output on applicable units
- UL 2043 plenum rated
- Compatible with most LED and CFL
- Zero cross switching

Heavy Duty Control Unit

Robust latching relay provides reliable performance over many different applications, including plug loads. 20A 100-277V AC, 1HP @ 120V AC, 2HP @ 240/277V AC. Auto or Manual-ON operation. Powers up to six low voltage sensors.

Description	Voltage	Catalog Number
Heavy duty control unit	100-277V AC	**MSCUHD**
Heavy duty latching relay, for use with MSCUHD		**MSAR20P**

Note: See page E-16 for technical specifications and wiring schematics.

MSCUHD

Permanently Marked Receptacles for Automatic Outlet Control Systems

Description	Color	15A Duplex	20A Duplex	15A Decorator	20A Decorator
Permanently marked receptacles	Gray	**CBRS15C1GRY**	**CBRS20C2GRY**	**DRS15C1GRY**	**DRS20C2GRY**
	Ivory	**CBRS15C1I**	**CBRS20C2I**	**DRS15C1I**	**DRS20C2I**
	Light Almond	**CBRS15C1LA**	**CBRS20C2LA**	**DRS15C1LA**	**DRS20C2LA**
	White	**CBRS15C1WHI**	**CBRS20C2WHI**	**DRS15C1WHI**	**DRS20C2WHI**

Note: See Section A for additional products and colors.

CBRS15C1WHI

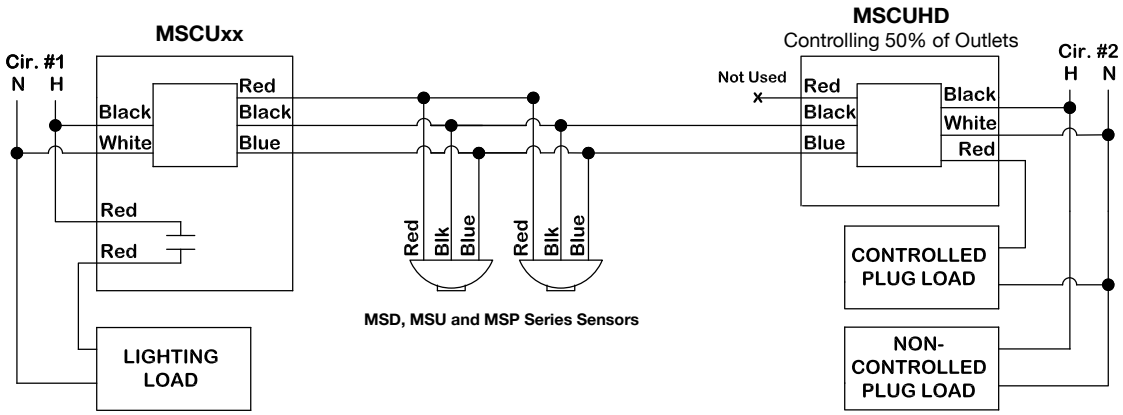
DRS20C2I

ASHRAE 90.1-2010 mandates that 50% of all outlets in private offices, open offices, and computer classrooms must be automatically controlled by occupancy or time based schedules. This also includes outlets in modular furniture. Bryant provides solutions for compliance that are cost effective and installer friendly. See bellow for example. Additional examples and design resources are located at www.hubbell-wiring.com/energy.aspx

DRS20C2GRY

Wiring Diagram

Utilizing low voltage wiring provides installers with a familiar method of wiring and installation. Specify MSCUHD to control outlets and use MSAR or MSCU to control the lighting. Utilize alternating outlet or split receptacle wiring as required to control at least 50% of the outlets in the space.



CBRS20C2WHI

Occupancy Sensors and Lighting Controls

Architectural Grade Preset Slide Dimmers

- Full-range dimming preset slider
- Advanced RFI protection circuitry
- Complete solid-state electronics
- Rating stamped on yoke for permanent identification
- Advanced circuitry reduces motor hum and radio interference
- Reduces energy costs

Architectural Preset Slide Dimmers, Single Pole/3-Way

BAS203W

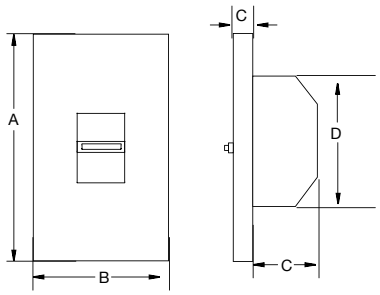
BAS103W

Color	Single Pole/3-Way, 120V AC, 60 Hz			
	2000W	1500W	1000W	600W
Ivory White	**BAS203I** **BAS203W**	**BAS153I** **BAS153W**	**BAS103I** **BAS103W**	**BAS63I** **BAS63W**

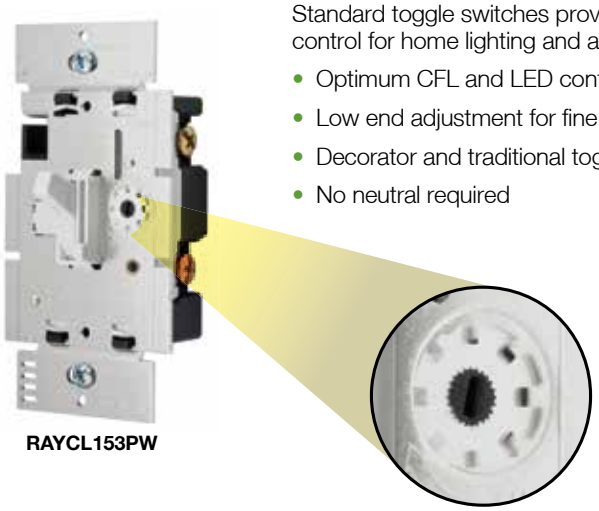
Product Dimensions Inches (mm)

	BAS203/BAS153	BAS103/BAS63
A	4.50" (114.3)	4.50" (114.3)
B	4.50" (114.3)	2.75" (69.9)
C	1.31" (33.3)*	1.31" (33.3)*
D	2.75" (69.9)	2.75" (69.9)
E	0.62" (15.7)	0.62" (15.7)

*Note: *High watt models up to 1.71 in. (43.4).*



Slide and Rotary Dimmers



RAYCL153PW

Adjustment dial to set the low-light level

Standard toggle switches provide the basic ON/OFF control for home lighting and appliances.

- Optimum CFL and LED control
- Low end adjustment for fine tuning
- Decorator and traditional toggle styling available
- No neutral required

CFL/LED Dimmers

Description	Toggle Dimmer	Decorator Dimmer
Rating	CFL/LED 150W Incadescent/Halogen 600W 120V AC, 60Hz	
Termination	Single Pole/Three Way	Single Pole/Three Way
Ivory	**RAYCL153PI**	**RDVCL153PI**
Light Almond	**RAYCL153PLA**	**RDVCL153PLA**
White	**RAYCL153PW**	**RDVCL153PW**

RDVCL153PW

Preset Decorator Dimmers with Nightlight, 120V AC

RDV600PW

RDVLV600PW

RDVELV300PW

	Incandescent with Side Slide Adjustment				Magnetic Low Voltage		Electronic Low Voltage, Requires Neutral	
	1000W		600W		600VA (450W)		300W	
Color	Single Pole	3-Way	Single Pole	3-Way	Single Pole	3-Way	Single Pole	3-Way
Ivory	**RDV10PI**	**RDV103PI**	**RDV600PI**	**RDV603PI**	**RDVLV600PI**	**RDVLV603PI**	**RDVELV300PI**	**RDVELV303PI**
Lt .Almond	**RDV10PLA**	**RDV103PLA**	**RDV600PLA**	**RDV603PLA**	**RDVLV600PLA**	**RDVLV603PLA**	**RDVELV300PLA**	**RDVELV303PLA**
White	**RDV10PW**	**RDV103PW**	**RDV600PW**	**RDV603PW**	**RDVLV600PW**	**RDVLV603PW**	**RDVELV300PW**	**RDVELV303PW**

Preset Slide Dimmers with ON/OFF Switch, 120V AC

RS10PW

RS600W

RSLV600W

RSELV303PW

	Incandescent					Magnetic Low Voltage		Electronic Low Voltage, Requires Neutral	
	1000W		600W			600VA (450W)		300W	
Color	Single Pole	3-Way	Single Pole, Slide to OFF	Single Pole	3-Way	Single Pole	3-Way	Single Pole	3-Way
Ivory	**RS10PI**	**RS103PI**	**RS600I***	**RS600PI**	**RS603PI**	**RSLV600PI**	**RSLV603PI**	**RSELV300PI**	**RSELV303PI**
Lt. Almond	**RS10PLA**	**RS103PLA**	**RS600LA***	**RS600PLA**	**RS603PLA**	**RSLV600PLA**	**RSLV603PLA**	**RSELV300PLA**	**RSELV303PLA**
White	**RS10PW**	**RS103PW**	**RS600W***	**RS600PW**	**RS603PW**	**RSLV600PW**	**RSLV603PW**	**RSELV300PW**	**RSELV303PW**

*Note: *Slide to OFF series dimmers do not have an ON/OFF switch.*
See page E-13 for replacement slide knobs.

Preset Toggle Dimmers, 120V AC

RAY600PW

RD600RW

RRKDK

	Incandescent Toggle				Incandescent Rotary Push ON/OFF Dimmer			Replacement Knobs for Rotary/Push Dimmer
	1000W		600W, Terminal Screws		600W	600W		
Color	Single Pole	3-Way	Single Pole	3-Way	Single Pole	Single Pole	3-Way	
Ivory	**RAY10PI**	**RAY103PI**	**RAY600PI**	**RAY603PI**	**RD600RI**	**RD600PDK***	**RD603PDK***	**RRKDK***
Lt.Almond	**RAY10PLA**	**RAY103PLA**	**RAY600PLA**	**RAY603PLA**	—			
White	**RAY10PW**	**RAY103PW**	**RAY600PW**	**RAY603PW**	**RD600RW**			

*Note: *Control knobs included for both ivory and white.*

Specifications are subject to change without notice.

Fan Controls, 120V AC

RDVFSQFW

RSFSQFW

RAYFSQFW

RFS5W

RFSQ2FDK

Color	Rocker Fan Control, 3-Speed, Slide Adjustment 1.5A Single Pole/3-Way	Slide Fan Control, 3-Speed, Slide to OFF 1.5A Single Pole	Toggle Fan Control, 3-Speed 1.5A Single Pole/3-Way	Rotary Fan Control, Variable Speed 5A 120V AC Single Pole	Rotary Fan Control, 3-Speed 1.5A Single Pole
Ivory	**RDVFSQFI**	**RSFSQFI**	**RAYFSQFI**	**RFS5I**	—
Light Almond	**RDVFSQFLA**	**RSFSQFLA**	**RAYFSQFLA**	**RFS5LA**	—
White	**RDVFSQFW**	**RSFSQFW**	**RAYFSQFW**	**RFS5W**	**RFSQ2FDK***

*Note: *Control knobs included for both ivory and white.*

Combination Dimmer and Fan Controls, 120V AC

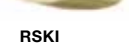
RS2LFSQW

RAY2LFSQW

Color	Slide Control, Incandescent and 3-Speed Fan Control 300W, 1.5A Single Pole	Toggle Control, Incandescent and 3-Speed Fan Control 300W, 1.5A Single Pole
Ivory	**RS2LFSQI**	**RAY2LFSQI**
Light Almond	**RS2LFSQLA**	**RAY2LFSQLA**
White	**RS2LFSQW**	**RAY2LFSQW**

Replacement Control Knobs

RSKW


RSKI

R28032401

R28032406

Color	Replacement Slide Knobs	Replacement Knobs for 3-Speed Fan Control
Ivory	**RSKI**	**R28032406**
Light Almond	**RSKLA**	—
White	**RSKW**	**R28032401**

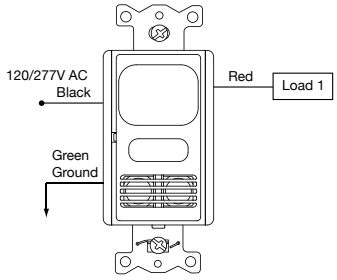
Occupancy Sensors and Lighting Controls

Specifications and Wiring Schematics

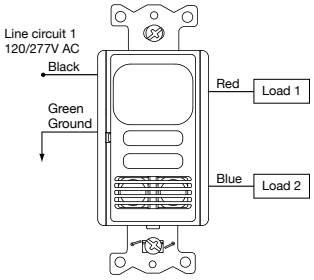
Electrical	MSD2000 and MSU2000 Series	
Power supply	120/277V AC, 50/60Hz	
Load capacity	Incandescent	0 to 800 watts
	120V AC ballast	0 to 1000 watts
	277V AC ballast	0 to 1800 watts
Motor load	1/4HP	
Agency approvals	cULus Listed	
Physical		
Housing	High-impact plastic (UL 94-5V)	
Lens	Dual element pyrometer and 12 element cylindrical hard lens (MSD and MSU series only)	
Dimensions	Face 2.57"H x 1.71"W, 0.53"D (from wall out)	
Mounting height	42 to 54 inches above floor	
Environmental		
Operating	32°F to 104°F (0°C to 40°C), 0% to 95% non-condensing relative humidity	
Storage	-20°F to 160°F (-29°C to 66°C), 0% to 95% non-condensing relative humidity	
Controls		
Time delay	Digital, adaptive 4 to 30 minutes (20 min default MSU only)	
Ambient light	Adjustable ambient light override, 10 to 500 foot candles	
Front press switch	Auto/OFF	
Sensitivity	Adaptive 0% to 100%	
Service switch	Air gap OFF	
Sensing Indicator		
Passive infrared	Red LED (MSD series only)	
Ultrasonic	Green LED (MSD series only)	

Wiring Schematic MSD and MSU Series Wall Switch Sensors

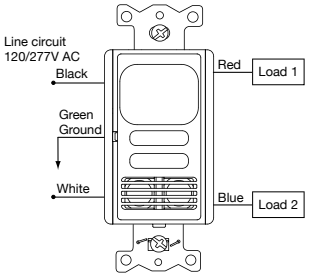
Single Circuit Wiring



Dual Circuit Sensor, Wired for Dual Circuits

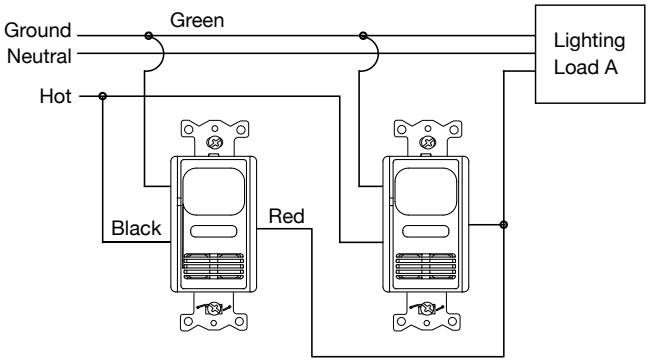


Dual Circuit Sensor, Wired for Dual Circuits with Neutral

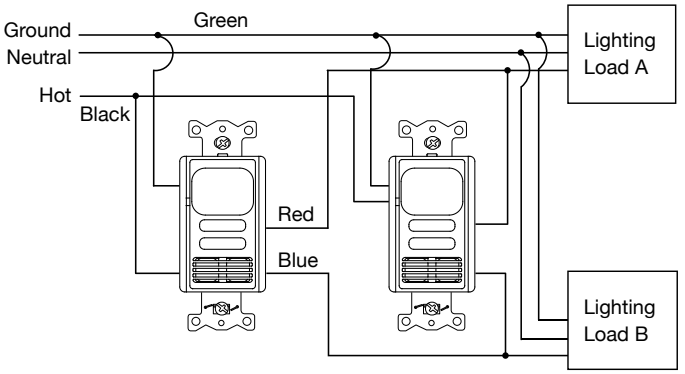


For step dimming, bi-level, and dual ballasted fixtures

Single Circuit Sensors, Wired as 3-Way Sensors*



Dual Circuit Sensors, Wired as 3-Way Sensors*



*Note: *Load can not exceed the rating of one switch.*
Sensor is shipped with all dip switches in the OFF position (factory default).

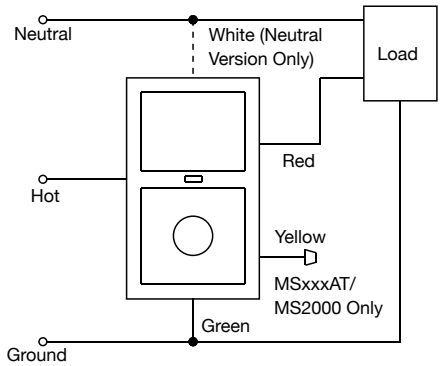
Occupancy Sensors and Lighting Controls

Specifications and Wiring Schematics

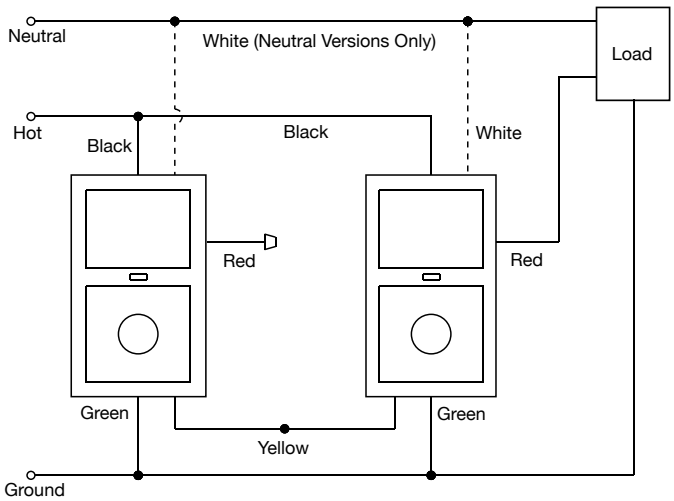
Electrical	MS2000AT and MS2000 Series		MS1000 Series
Power supply	120/277V AC, 60Hz		120V AC, 60Hz
Load capacity	Incandescent 120V AC Ballast 277V AC Ballast	0 to 1000 watts 0 to 1000 watts 0 to 1800 watts	0 to 500 watts 0 to 500 watts N/A
Motor load	N/A		N/A
Agency approvals	cULus Listed		cULus Listed
Physical			
Housing	Flame retardant (UL 94 V-0 ABS)		
Lens	Polyethylene		
Dimensions	Face 2.59"H x 1.30"W, 0.61"D (from wall out)		
Mounting height	42 to 54 inches above floor		
Environmental			
Operating	32°F to 122°F (0°C to 50°C) with rate of change not exceeding 20°F (11°C) per hour, 20% to 90% non-condensing relative humidity		
Storage	-40°F to 150°F (-40°C to 65°C), 20% to 90% non-condensing relative humidity		
Controls			
Time delay	Auto (MS2000AT series) Manual 20 seconds to 30 minutes (MS2000 series)		Manual 20 seconds to 30 minutes
Ambient light	Digital, push button, 10 to 500 foot candles		N/A
Front press switch	ON/OFF		ON/OFF
Sensitivity	N/A		N/A
Service switch	OFF (service), Vaccancy (manual-ON), Occupancy (auto-ON)		OFF (service), ON (normal operation)
Sensing Indicator			
Passive infrared	Red LED		Red LED
Ultrasonic	N/A		N/A

Wiring Schematic MS2000AT, MS2000 and MS1000 Series Wall Switch Sensors

Normal Wiring



Sensors Wired as 3-Way Sensors*
(MSxxxAT/MS2000 Only)



*Note: *Load can not exceed the rating of one switch.*
Sensor is shipped with all dip switches in the OFF position (factory default).

Occupancy Sensors and Lighting Controls

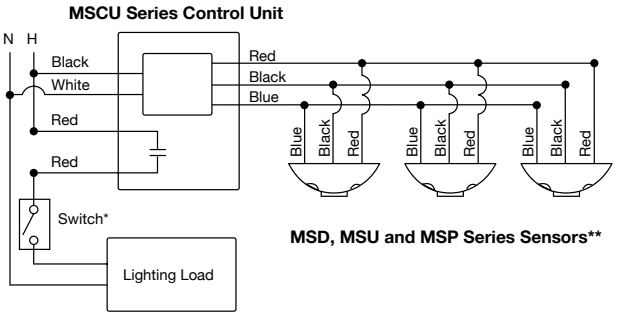
Specifications

Electrical	MSD, MSU, MSP Series Ceiling and Wall Mount Sensors	
Power requirements	24V DC nominal, 33mA from Bryant MSCU series control unit	
Isolated relay (sensors with RP suffix)	Normally open and normally closed, Terminals available	
Agency approvals	UL Listed	
Physical	**Ceiling Sensors**	**Wall Mount Sensors**
Housing	Flame retardant UL 94 V-0 ABS	Flame retardant UL 94 V-0 ABS
Lens	Polyethylene	Polyethylene
Dimensions	1.5"H x 4.5"D	6"H x 2"W x 1.5"D
Color	Office white	Office white
Mounting height	8 to 12 feet	8 to 12 feet, 8 to 30 feet (ATP120HB series)
Environmental		
Operating	32°F to 104°F (0°C to 40°C) with rate of change not exceeding 20°F (11°C) per hour, 0% to 95% non-condensing relative humidity	
Storage	-20°F to 150°F (-29°C to 65°C), 0% to 95% non-condensing relative humidity	
Controls		
Time delay	Test (8 seconds), adaptive 8 to 40 minutes	
Ambient light	1 to 1000 foot candles	
Sensitivity	Adaptive 0 to 100%	
Sensing Indicators		
Ultrasonic (MSD and MSU series)	Green LED	
Passive infrared (MSD and MSP series)	Red LED	

Electrical	MSCU(M)	MSCUHD	MSAR
Power supply	120-277V AC, 50/60Hz	100-277V AC, 50/60Hz	N/A
Power output	24V DC, 150mA	24V DC, 250mA	N/A
Power input	N/A	N/A	24V DC nominal, 33mA from Bryant MSCU series control unit
Load capacity			
Incandescent, LED & CFL	0 to 1800 watts	20A, 100-277V AC, 1HP @ 120V AC, 2HP @ 240/277V AC Motor Loads: 1HP @ 120V 2HP @ 240/277V	0 to 1800 watts
120V ballast	0 to 2400 watts		0 to 2400 watts
230V ballast	N/A		0 to 3680 watts
277V ballast	0 to 5540 watts		0 to 5540 watts
347V ballast	N/A		0 to 5205 watts
AT sensor/AAR capacity	1 to 4 combined	1 to 6 combined	N/A
Agency approvals	UL Listed, cULus Certified	UL Listed, cULus Certified	UL Listed
Physical			
Housing	Flame retardant UL 94-5VA thermoplastic	Flame retardant UL 94-5VA thermoplastic	Flame retardant UL 94-5VA thermoplastic
Dimensions	3.69"L x 2.33"W x 1.36"H	4.00"L x 3.4"W x 1.73"H	3.69"L x 2.33"W x 1.36"H
Color	Black	Black	Black
Environmental			
Operating	32°F to 104°F (0°C to 40°C), 0% to 90% non-condensing relative humidity	-40°F to 149°F (-40°C to 65°C), below 32°F (0°C) must use suitably rated non-metallic enclosure, 0% to 90% humidity, non-condensing	32°F to 104°F (0°C to 40°C), 0% to 90% non-condensing relative humidity
Storage	-20°F to 150°F (-29°C to 65°C), 0% to 90% non-condensing relative humidity		-20°F to 150°F (-29°C to 65°C), 0% to 90% non-condensing relative humidity

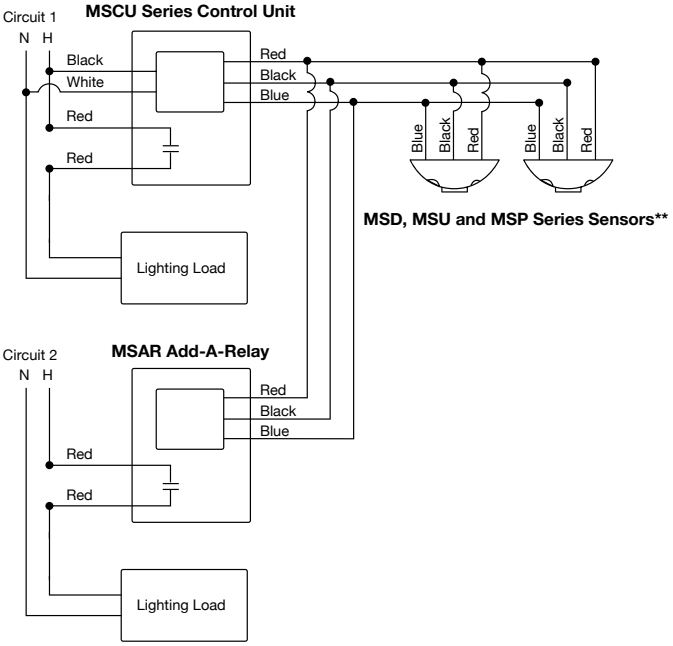
Adaptive Dual Technology, Ultrasonic, and Passive Infrared Ceiling and Wall Mount Sensors
MSD, MSU and MSP Series Ceiling and Wall Mount Sensors

Single Circuit Application:
1 to 4 sensors wired to control unit with optional override off switch.



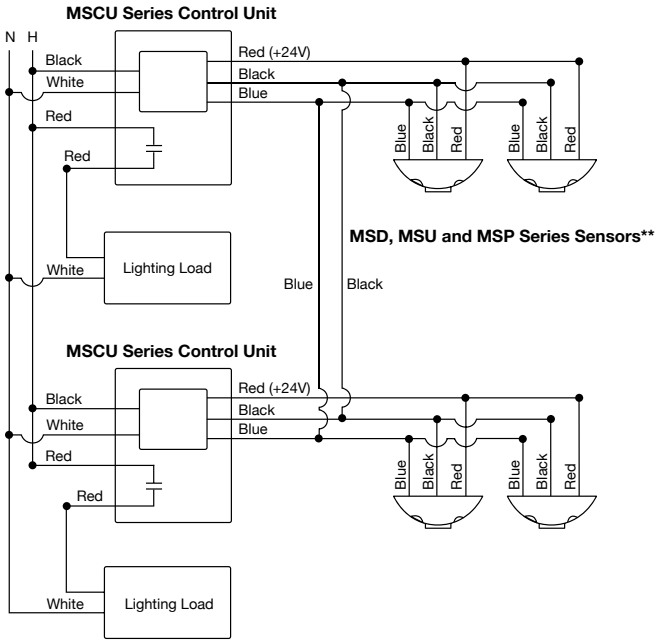
*Optional Override OFF Switch

Two Circuit Application:
1 to 4 sensors wired to control unit and Add-A-Relay (control unit switches circuit 1, Add-A-Relay switches circuit 2).

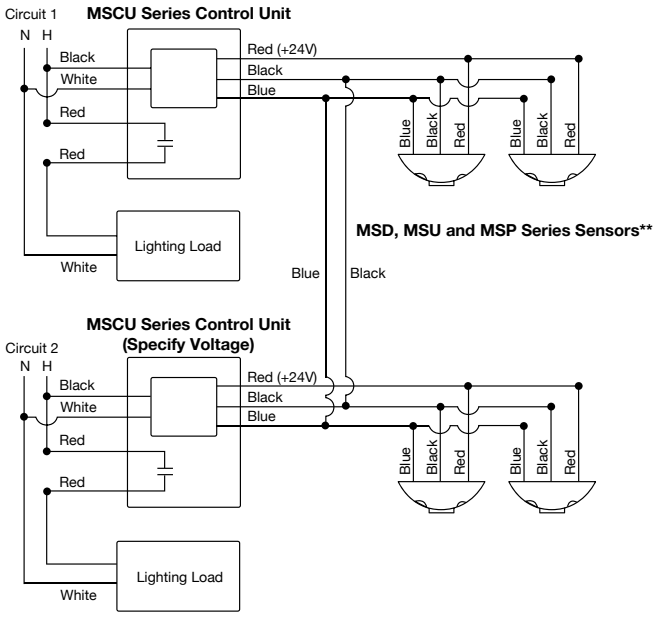


*Note: **For wiring sensors with isolated relay and photocell option (models with "RP" suffix): Photocell Option: Cap off Blue sensor wire. Connect Gray sensor wire to Blue control unit wire. Isolated Relay Option: Common-Blue/White wire, Normally Closed-Black/White wire, Normally Open-Yellow/White wire.*

Single Circuit Application:
Two control units wired in parallel to operate 5 to 8 sensors in a single zone. Maximum 4 sensors per control unit any sensor will activate lighting.

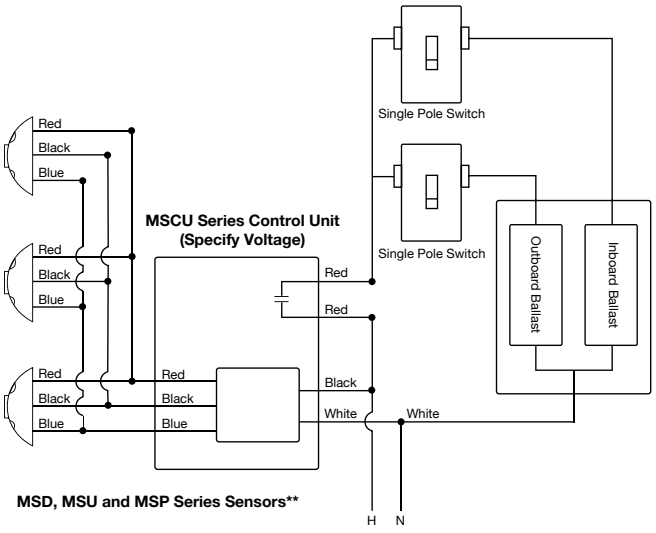


Two Circuit Application:
Two control units wired in two circuits to operate 2 to 8 sensors in a single zone. Maximum 4 sensors per control unit any sensor will activate both lighting loads.

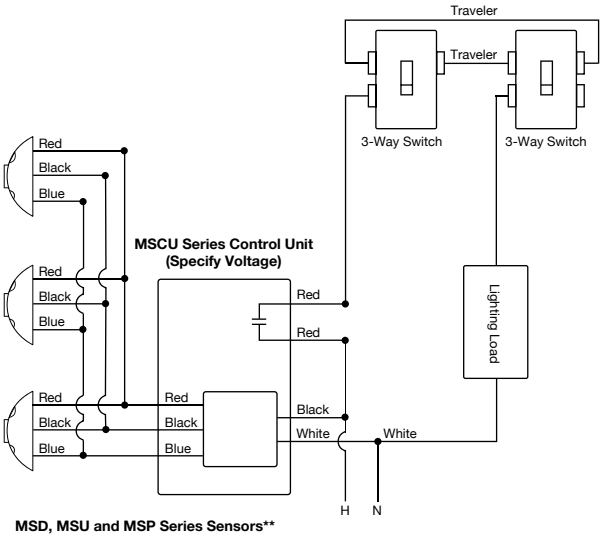


Adaptive Dual Technology, Ultrasonic, and Passive Infrared Ceiling and Wall Mount Sensors
MSD, MSU and MSP Series Ceiling and Wall Mount Sensors

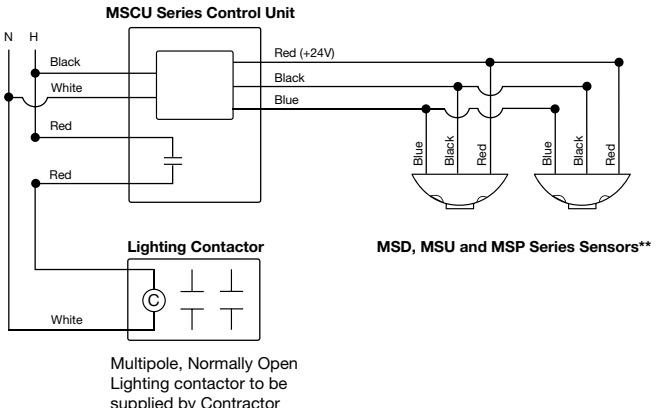
Single Circuit, Dual Level Switching Application:
1 to 4 sensors wired to control unit with optional override off switches.



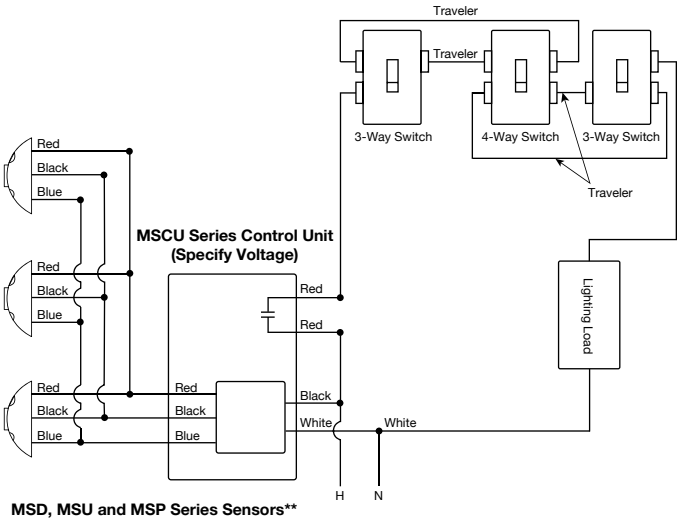
Single Circuit, 3-Way Switching Application:
1 to 4 sensors wired to control unit with optional override off switches.



Multi-Circuit Application:
1 to 4 sensors wired to control unit that is wired to a multi-pole lighting contactor.



Single Circuit, 4-Way Switching Application:
1 to 4 sensors wired to control unit with optional override off switches.



*Note: **For wiring sensors with isolated relay and photocell option (models with "RP" suffix): Photocell Option: Cap off Blue sensor wire. Connect Gray sensor wire to Blue control unit wire. Isolated Relay Option: Common-Blue/White wire, Normally Closed-Black/White wire, Normally Open-Yellow/White wire.*

Occupancy Sensors and Lighting Controls

Specifications

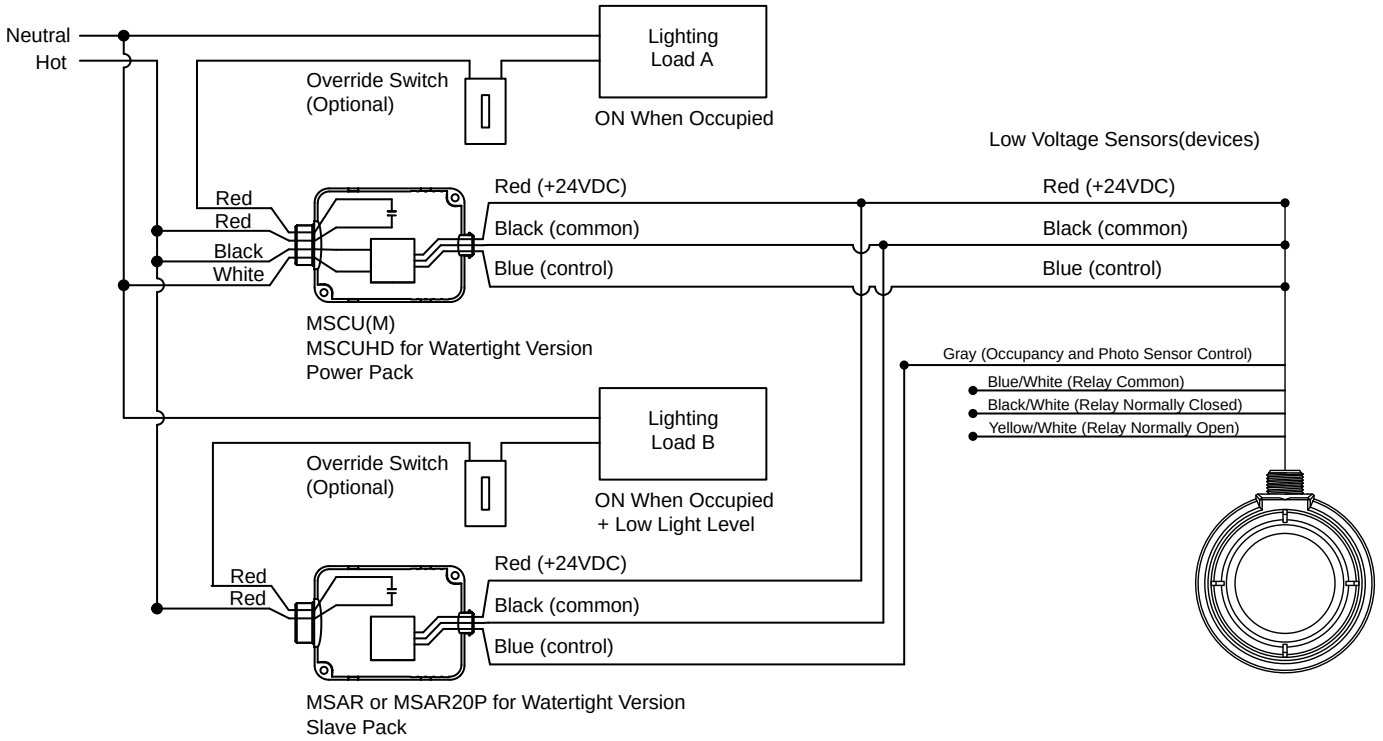
	OPTIMYZER® High Bay Controls MSHB Series	OPTIMYZER® MSHBxxUPCW Series
User interface	(1) twelve pin dip switch	
Timer time-outs	Primary: 8-second test mode, 4, 8, 16 and 30 minute time-outs Secondary: (Can be disabled) 30, 60 and 90 minute time-outs	
Passive infrared	Dual element pyrometer and spherical Fresnel lens	
Daylight sensor	Dual element pyrometer and spherical Fresnel lens designed for robust detection of a walking person*	
Coverage	360° lens provided, 180° aisle and end-of-aisle lenses also available	
Load ratings (line voltage units)	120V AC: 0 to 800W ballast or tungsten 277V AC: 0 to 1200W ballast 347V AC: 0 to 1500W ballast 208/240V AC: 0 to 1200W ballast 480V AC: 0-2400W ballast 1/4HP motor load @ 120V AC, 1/6HP @ 347V AC Output (Low voltage sensors): • 24V DC active high-logic control signal • Relay: N/O + N/C contacts, 500mA rated @ 24V DC, 3-wire isolated relay	
Operating environment	Indoor use only, operating temperature: (standard version) 32°F to 149°F (0°C to 65°C), relative humidity (non-condensing): 0% to 95%	Indoor & outdoor use, operating temperature: -40°F to 149°F (-40°C to 65°C)
Construction	Casing: High-impact injection-molded thermoplastic	
Size and weight	Size: 4.0" Diameter x 1.5" Height, Weight: 7 oz.	
Color	White	
Mounting	Mounts directly to end of a fixture through an extended ½ inch chase nipple for deeper body fixtures, an optional Extender Adapter (MSHBSA available separately) positions the sensor flush or below the bottom of the reflector for a full field of view	
Certifications	cULus Listed	Conforms to UL STD 508, UL STD 244A, Conforms to IP65
Warranty	5 year limited	

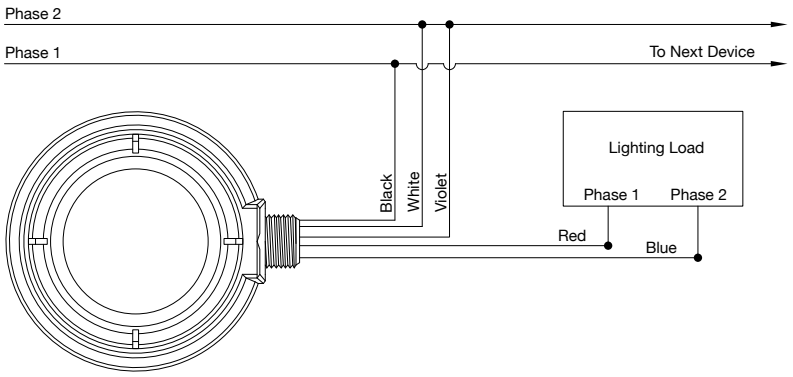
*Note: *When used with program start ballast, a 1-2 second delay from occupancy detection to lamp turn-on may be experienced.*

Electrical	Harsh Environment Occupancy Sensors MSHT Series	
Power requirements	24V DC nominal, 33mA from Bryant MSCU series control unit	
Isolated relay (sensors with RP suffix)	Normally open and normally closed, terminals available	
Agency approvals	cULus Listed	
Physical	**Ceiling Sensor**	**Wall Mount Sensor**
Housing	Flame retardant UL 94 V-0 ABS	Flame retardant UL 94 V-0 Valox®
Protection	NEMA Type 4X, when used with MSP4X	NEMA Type 4X, IP66, outdoor use rated
Lens	Polyethylene	Polyethylene
Dimensions	4.5" Diameter x 1.5" Height	6"H x 2"W x 1.5"D
Color	Office White	Gray
Mounting height	8 to 12 feet	8 to 12 feet
Environmental		
Operating	-40°F to 149°F (-40°C to 65°C) with rate of change not exceeding 20°F (11°C) per hour, 0% to 95% non-condensing relative humidity	
Controls		
Time delay	Test (8 seconds), adaptive 8 to 40 minutes	
Ambient light	1 to 1000 foot candles	
Sensitivity	Adaptive 0 to 100%	
Sensing Indicators		
Passive infrared	Red LED	

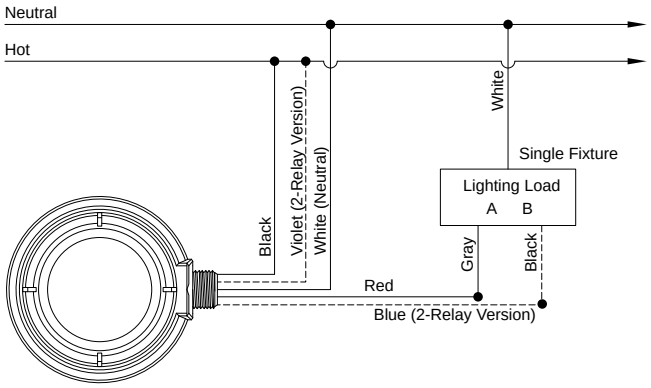
Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

OPTIMYZER® High Bay Controls MSHB Series, Low Voltage Sensor with Control Unit

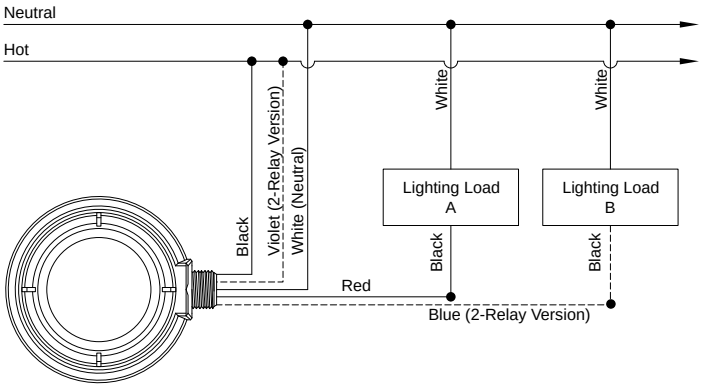




OPTIMYZER® High Bay Controls MSHB Series, Dual Relay, Single Fixture



OPTIMYZER® High Bay Controls MSHB Series, Dual Relay, Two Fixtures



Section F

Motor Control Products

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Rotary AC Manual Motor Controllers/Disconnects
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NEMA 4X Enclosed Rotary Motor Controllers/Disconnects
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Pendant Control Stations
Ordering Information F-7
Contact Ratings and Wiring Diagram F-7

Technical Specifications F-8

TECH·SPEC®

- Ideal motor controller suitable as a disconnect
- High temperature thermoset body
- Provides high resistance to electrical arc tracking
- Strong ON/OFF action with quick-make, slow break operation provides long-life and reliability
- Superior dielectric strength
- Optional side guard, for close wall applications and finger safe environments
- Can be built into equipment and enclosures with either box or panel-mount installation

Toggle AC Manual Motor Controllers/Disconnects

30003D

40002D

60003D

	HP Rating				30A Back and Side Wired		40A Side Wired	50A Side Wired	60A Front Wired	60A Back Wired	85A Back Wired
Poles	120V AC	240V AC	480V AC	600V AC	Standard Toggle	Short Toggle	Standard Toggle	Standard Toggle	Standard Toggle	Standard Toggle	Standard Toggle
2	2	5	10	15	**30002D**	**30002DS**	**40002D**	**50002D**	**—**	**—**	**—**
2	2	5	10	15	**—**	**—**	**4002***	**—**	**—**	**—**	**—**
3	3	7.5	15	20	**30003D**	**30003DS**	**40003D**	**50003D**	**—**	**—**	**—**
2	—	10	15	20	**—**	**—**	**—**	**—**	**60002FWD**	**60002D**	**85002D**
3	—	10	25	30	**—**	**—**	**—**	**—**	**60003FWD**	**60003D**	**—**
3	—	10	25	40	**—**	**—**	**—**	**—**	**—**	**—**	**85003D**

*Note: *Motor controller only.*

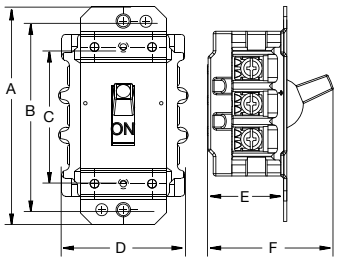
Accessories

Description	Catalog Number
Finger guards, red, for use with 30, 40 and 50 amp switches (set of 2)	**30003FG**

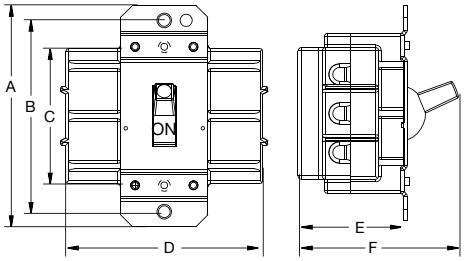
30003FG

Product Dimensions Inches (mm)

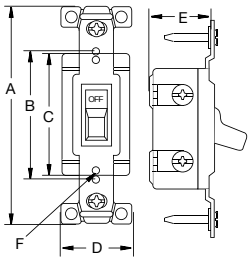
	30002D, 30003D, 40002D, 40003D, 50002D, 50003D	60002D, 60003D, 85002D, 85003D	4002
A	3.78" (96.0)	3.78" (96.0)	4.06" (103.1)
B	3.28" (83.3)	3.28" (83.3)	2.38" (60.5)
C	2.38" (60.4)	2.38" (60.4)	2.26" (57.4)
D	3.56" (90.4)	2.25" (57.2)	1.30" (33.0)
E	1.92" (48.8)	1.53" (38.9)	1.11" (28.2)
F	2.83" (71.9)	2.43" (62.0)	(2) #6-32 TAP



30002D, 30003D, 40002D, 40003D, 50002D, 50003D



60002D, 60003D, 85002D, 85003D



4002

30313D

30313D

- Die cast aluminum enclosure, gray zinc powder coat finish
- Heavy duty flip lid, 3-sided protection
- Lockout/tagout capability

30303D

- All aluminum cover and base, base is pre-drilled for rear surface mounting
- Raintight enclosures
- Lockout/tagout capability

30303D

Enclosed AC Manual Motor Controllers/Disconnects

30102D

30322D

30312D

30303D

60303D

Enclosed Switch Motor Controllers/Disconnects					NEMA 1	NEMA 3/3R		NEMA 3R	
Ideal for use in:					Indoor Environments	Outdoor Equipment		Outdoor Environments	
	HP Rating					Thermoplastic	Aluminum Cast		
Poles	120V AC	240V AC	480V AC	600V AC	30A	30A		30A	60A
2	2	5	10	15	**30102D**	**30322D***	**30312D**	**30302D**	**—**
3	3	7.5	15	20	**30103D**	**30323D***	**30313D**	**30303D**	**—**
2	—	10	15	20	**—**	**—**	**—**	**—**	**60302D**
3	—	10	25	30	**—**	**—**	**—**	**—**	**60303D**

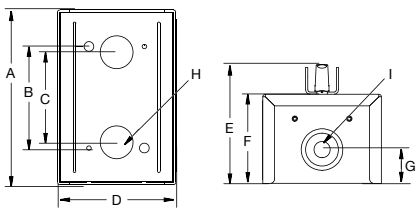
*Note: *Drill weephole to alter from NEMA 3 to NEMA 3R.*

Enclosures Without Controller/Disconnect

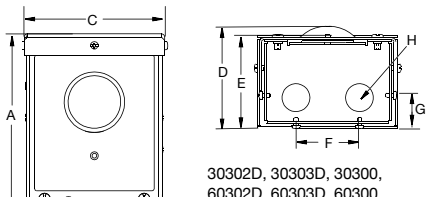
NEMA 1	NEMA 3R	
Use with 30002D and 30003D	For 30A, use with 30002D and 30003D	For 60A, use with 60003FWD
30100	**30300**	**60300**

Product Dimensions Inches (mm)

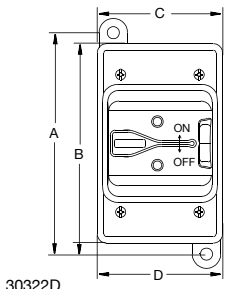
	30102D, 30103D, 3100	30322D, 30323D	30302D, 30303D, 30300	60302D, 60303D, 60300
A	4.72" (120.0)	5.42" (137.7)	5.52" (140.2)	10.11" (256.8)
B	2.75" (69.8)	4.76" (120.9)	4.28" (108.7)	4.28" (108.7)
C	2.44" (61.9)	2.99" (75.9)	4.40" (111.8)	4.40" (111.8)
D	3.20" (81.2)	2.22" (56.4)	3.30" (83.3)	3.30" (83.8)
E	3.15" (80.0)	4.55" (115.6)	2.75" (69.9)	2.75" (69.9)
F	2.41" (61.3)	2.99" (75.9)	1.99" (50.5)	2.00" (50.8)
G	0.92" (23.2)	—	1.06" (26.9)	1.52" (38.6)
H	(2) ½" (12.7) Knockouts	—	(2) ¾ Knockouts	(2) ¾ X 1 Knockouts
I	½ x ¾ Knockout each end	—	—	—



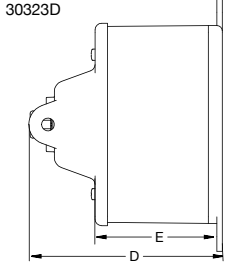
30102D, 30103D



30302D, 30303D, 30300, 60302D, 60303D, 60300



30322D, 30323D



TECH·SPEC®

66033D

30003FG

- Ideal motor controller suitable as a disconnect
- Rotary controllers can be built into equipment and enclosures for either box or panel-mount installation
- Provides high resistance to electrical arc tracking
- Thermoset body withstands high temperatures
- Superior dielectric strength
- #10 brass terminal screw and clamping plate for secure back or side wiring
- Optional side guard, for close wall applications and finger safe environments

Rotary AC Manual Motor Controllers/Disconnects

66033D

66042D

66063D

	HP Rating				30A	40A	60A
Poles	120V AC	240V AC	480V AC	600V AC	Back and Side Wired	Side Wired	Back Wired
2	2	5	10	15	**66032D**	**66042D**	**—**
3	3	7.5	15	20	**66033D**	**66043D**	**—**
2	—	10	15	20	**—**	**—**	**66062D**
3	—	10	25	30	**—**	**—**	**66063D**

Accessories

30003FG

6610MK

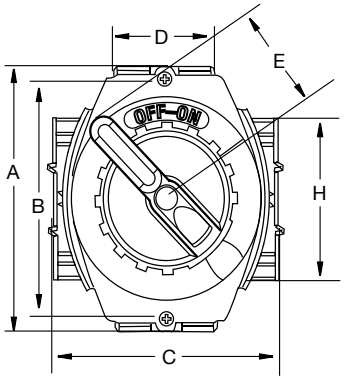
664XWP

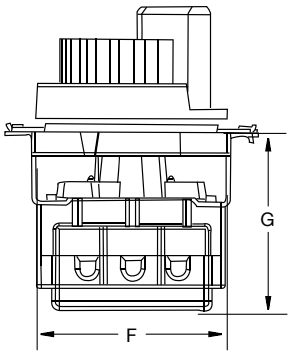
660AC

Accessory	Finger Guards	Handle Kit	Weatherproofing Kit	Auxiliary Contact
Description	For use with 30-50A switches (set of 2)	For rotary switch, includes handle, shaft, mounting brackets and required screws	For rotary switch, includes 4 seals, neoprene bushing and 3 “O” rings	NO/NC, includes 1 contact for use with push-on terminals
Catalog Number	**30003FG**	**6610MK**	**664XWP**	**660AC**

Product Dimensions Inches (mm)

	66032D, 66033D, 66042D, 66043D with Handle Kit 6610MK	66062D, 66063D with Handle Kit 6610MK
A	3.78" (96.0)	3.78" (96.0)
B	3.40" (86.4)	3.40" (86.4)
C	3.09" (78.5)	3.56" (90.3)
D	1.50" (38.1)	1.50" (38.1)
E	1.56" R. (36.6 R.)	1.56" R. (36.6 R.)
F	2.81" (71.4)	2.81" (71.4)
G	2.44" (61.9)	2.96" (75.2)
H	—	2.31" (58.7)





Specifications are subject to change without notice.

664S33D

664S33D

- 304 stainless steel enclosure, chemical and corrosion-resistant
- PBT handle and collar, chemical and impact resistant
- Lockout/tagout capability

664X63D

- Undrilled case allows custom placement of entry positions with normal tools and knockouts
- All thermoplastic, non-corrosive, non-metallic enclosure
- Clearly identified “ON/OFF” indicators

664X63D

Enclosed Rotary Motor Controllers/Disconnects

664S33D

664S63D

664X33D

664X63D

					NEMA 4X				
					Stainless steel enclosures ideal for use in environments where washdown is necessary (i.e., food processing, laboratories, etc.)		Non-metallic enclosures used primarily in heavy wash-down and corrosive environments		
	HP Rating								
Poles	120V AC	240V AC	480V AC	600V AC	30A	60A	30A	40A	60A
2	2	5	10	15	—	—	—	—	—
3	3	7.5	15	20	**664S33D**	—	**664X33D**	**664X43D**	—
3	—	10	25	30	—	**664S63D**	—	—	**664X63D**

*Note: *Drill weephole to alter from NEMA 3 to NEMA 3R.*

Accessories

30003FG

660AC

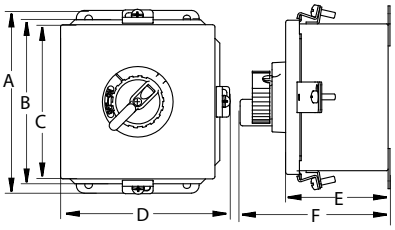
664XFT

6603N

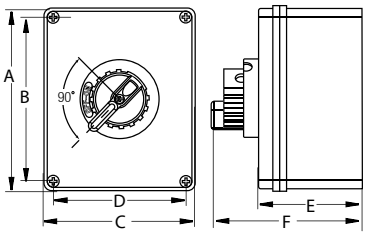
Accessory	Finger Guards	Auxiliary Contact	Mounting Feet	Neutral Buss Connector
Description	For Use with 30-50A Switches (set of 2)	NO/NC, Pilot Duty	For NEMA 4X Enclosure	For NEMA 4X Enclosure
Catalog Number	**30003FG**	**660AC**	**664XFT**	**6603N**

Product Dimensions Inches (mm)

	664S33D	664S63D	66X33D, 66X43D	66X63D
A	7.44" (189.0)	9.44" (239.8)	6.70" (170.2)	9.00" (228.6)
B	6.75" (171.5)	8.75" (222.3)	6.00" (152.4)	8.30" (210.8)
C	6.00" (152.4)	8.00" (203.4)	5.50" (139.7)	5.50" (139.7)
D	6.96" (176.8)	6.95" (176.5)	4.80" (121.9)	4.80" (121.9)
E	4.00" (101.6)	4.00" (101.6)	5.55" (141.0)	5.55" (141.0)
F	6.10" (154.9)	6.10" (154.9)	3.80" (96.5)	3.80" (96.5)
G	4.25" (108.0)	4.25" (108.0)	—	—



664S33D, 664S63D



664X33D, 664X63D

Valox® is a registered trademark of SABIC Innovative Plastics, acquired from General Electric Company.

TECH·SPEC®

30003D

50003D

60003D

Toggle AC Motor Controllers Suitable as Disconnects

Description	Amp	Phase	Poles	HP Ratings 120V AC	240V AC	480V AC	600V AC	Catalog Number
Toggle switch	30	1	2	2	5	10	15	**30002D**
Short toggle switch	30	1	2	2	5	10	15	**30002DS**
Toggle switch	30	3	3	3	7.5	15	20	**30003D**
Short toggle switch	30	3	3	3	7.5	15	20	**30003DS**
Toggle switch	40	1	2	2	5	10	15	**40002D***
Toggle switch	40	3	3	3	7.5	15	25	**40003D**
Toggle switch	50	1	2	2	5	10	15	**50002D**
Toggle switch	50	3	3	3	7.5	15	25	**50003D**
Toggle switch	60	1	2	—	10	15	20	**60002D**
Toggle switch	60	3	3	—	10	25	30	**60003D**
Toggle switch – front wire	60	1	2	—	10	15	20	**60002FWD**
Toggle switch – front wire	60	3	3	—	10	25	30	**60003FWD**
Toggle switch	85	1	2	—	10	15	20	**85002D**
Toggle switch	85	3	3	—	10	25	40	**85003D**

*Note: *For motor controller only, use catalog number 4002.*

66033D

30102D

Rotary AC Manual Motor Controllers Suitable as Disconnects

Description	Amp	Phase	Poles	HP Ratings 120V AC	240V AC	480V AC	600V AC	Catalog Number
Rotary switch	30	1	2	2	5	10	15	**66032D**
Rotary switch	30	3	3	3	7.5	15	20	**66033D**
Rotary switch	40	1	2	2	5	10	15	**66042D**
Rotary switch	40	3	3	3	7.5	15	25	**66043D**
Rotary switch	60	1	2	—	10	15	20	**66062D**
Rotary switch	60	3	3	—	10	25	30	**66063D**

30302D

664S33D

664X33D

Toggle And Rotary Enclosed Switches Suitable as Disconnects

Description	Amp	Phase	Poles	HP Ratings 120V AC	240V AC	480V AC	600V AC	Catalog Number
NEMA 1 aluminum – toggle	30	1	2	2	5	10	15	**30102D**
NEMA 1 aluminum – toggle	30	3	3	3	7.5	15	20	**30103D**
NEMA 3/3R non-metallic	30	1	2	2	5	10	15	**30322D**
NEMA 3/3R non-metallic	30	3	3	3	7.5	15	20	**30323D**
NEMA 3R die cast aluminum	30	1	2	2	5	10	15	**30312D**
NEMA 3R die cast aluminum	30	3	3	3	7.5	15	20	**30313D**
NEMA 3R aluminum	30	1	2	2	5	10	15	**30302D**
NEMA 3R aluminum	30	3	3	3	7.5	15	20	**30303D**
NEMA 3R aluminum	60	1	2	—	10	15	20	**60302D**
NEMA 3R aluminum	60	3	3	—	10	25	30	**60303D**
NEMA 4X stainless steel	30	3	3	3	7.5	15	20	**664S33D**
NEMA 4X stainless steel	60	3	3	—	10	25	30	**664S63D**
NEMA 4X rotary motor controller	30	3	3	3	7.5	15	20	**664X33D**
NEMA 4X rotary motor controller	40	3	3	3	7.5	15	20	**664X43D**
NEMA 4X rotary motor controller	60	3	3	—	10	25	30	**664X63D**

30003FG

660AC

Accessories

Description	Catalog Number
Finger guards, red, for use with 30, 40 and 50 amp switches (set of 2)	**30003FG**
Handle kit for rotary switch, includes handle, shaft, mounting brackets and required screws	**6610MK**
Weatherproofing kit for rotary switch, includes 4 seals, neoprene bushing and 3 “O” rings	**664XWP**
Auxiliary contact NO/NC, includes 1 contact for use with push-on terminals	**660AC**
Mounting feet for NEMA 4X enclosure	**664XFT**
Neutral buss connector for NEMA 4X enclosure	**6603N**

PCS002

- Compact size, designed for comfort fit
- Raised button guards
- Safety-yellow “Super-Tuff” polymer enclosure
- Heavy duty nickel-plated copper contacts
- Mechanical interlock on single- and two-speed stations
- “Saddle” type wire terminations
- Excellent strain relief

IP55
SUITABILITY

Pendant Control Stations, Two Button, NEMA 4X

PCS002

PCS102

	With Mechanical Interlock Between Push Buttons		Normally Open-Normally Closed Without Mechanical Interlock
	Single-Speed	Two-Speed	Single-Speed
Ideal for use on outdoor equipment.	**PCS002**	**PCS202**	**PCS102**

Note: Included with product: nylon cord grip and sealing washer (must be installed to achieve NEMA 4X rating).
Indication label pack. Cord dia. range .375–.625 in. (9.5–15.9).
Ambient temperatures: 25°F to 140°F (32°C to 60°C).
Typical applications: Package electric motor hoists. Remote control of machinery.

Contact Ratings - Compact Pendant Push Button Stations, PCS Series

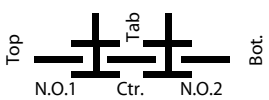
	Single-Speed		Two-Speed	
	Voltage	Current	Voltage	Current
AC 35% power factor	120V 240V	6.0 Amp 3.0 Amp	120V 240V	3.0 Amp 1.5 Amp
DC Inductive	125V 250V	1.1 Amp 0.55 Amp	— —	— —

Note: Contacts will carry the above currents on a continuous basis and have the same interrupting ratings.

Wiring Diagram

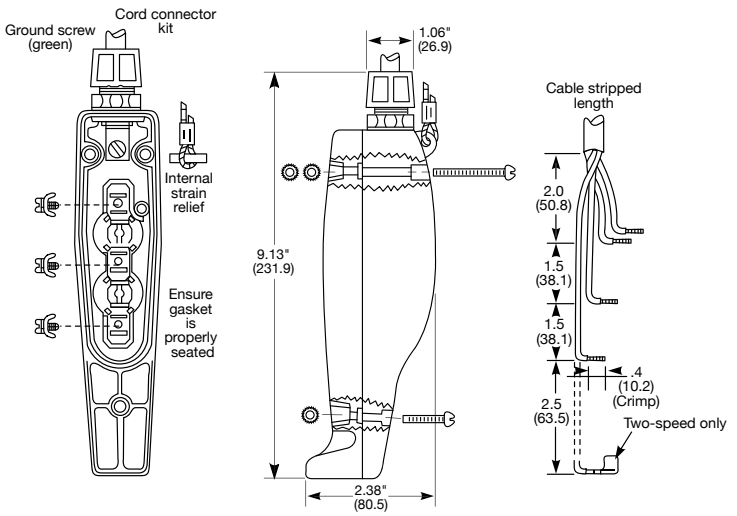
Single-Speed* **PCS002**

Two-Speed* **PCS202**



*Note: *Mechanical “floating ball” interlock prevents actuating both push buttons simultaneously.*

Momentary (Start/Stop) **PCS102**



AC Manual Toggle and Rotary Motor Controllers/Disconnects

Certification

UL 508	Industrial Control Equipment File #E70402
CSA-C22.2 No.14	Industrial Control Equipment File #LR-46186

Performance

Electrical		
Dielectric voltage	2,200V AC minimum for 1 minute	
Electrical life	6,000 cycles at general rating load	
Max working voltage	600V AC RMS	
	Controllers	10,000 Rms
Short circuit Withstand rating	30A and 40A 50A	60A max J fuses 50A max J fuses
As motor disconnect	60A and 85A	80A max J fuses
Short circuit withstand rating as motor controller	All controllers	125A max RK5 fuses

Mechanical

Mechanical life	10,000 cyc min.		
Terminal accommodations	Amps	AWG Minimum	AWG Maximum
	30	#14	#10
	40 and 50	#14	# 8 - with UL listed ring terminal
	60 and 85	#14	# 4
Terminal torque	30 - 50	20 inch pounds	
	60 - 85	25 inch pounds	

Environmental

Flammability	UL94HB/V
Operating temperature	Maximum continuous 30, 40 and 60A, 60°C Maximum continuous 50 and 85A, 75°C Minimum continuous without impact, -40°C

Section G
Locking Devices

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Locking Devices

NEMA® Configuration Chart

			15 Ampere		20 Ampere		30 Ampere	
			Receptacle	Plug	Receptacle	Plug	Receptacle	Plug
2-Pole 2-Wire	125V	ML1	G-4 ML-1R	G-4 ML-1P				
	125V	L1	G-5 L1-15R	G-5 L1-15P				
	250V	L2			G-5 L2-20R	G-5 L2-20P		
2-Pole 3-Wire Grounding	125V	ML2	G-4 ML-2R	G-4 ML-2P				
	125V	L5	G-6, G-7 L5-15R	G-6 L5-15P	G-8, G-18 L5-20R	G-8 L5-20P	G-11 L5-30R	G-11 L5-30P
	250V	L6	G-6, G-7 L6-15R	G-6 L6-15P	G-8 L6-20R	G-8 L6-20P	G-11 L6-30R	G-11 L6-30P
	277V AC	L7	G-6, G-7 L7-15R	G-6 L7-15P	G-8 L7-20R	G-8 L7-20P	G-11 L7-30R	G-11 L7-30P
	480V AC	L8			G-8 L8-20R	G-8 L8-20P	G-11 L8-30R	G-11 L8-30P
	600V AC	L9			G-8 L9-20R	G-8 L9-20P	G-11 L9-30R	G-11 L9-30P
	28V DC	FSL1					G-14 FSL1	G-14 FSL1
	400Hz 120V	FSL2					G-14 FSL2	G-14 FSL2
3-Pole 3-Wire	125/250V AC	ML3	G-4 ML-3R	G-4 ML-3P				
	125/250V AC	L10			G-9 L10-20R	G-9 L10-20P	G-12 L10-30R	G-12 L10-30P
	3Ø 250V AC	L11			G-9 L11-20R	G-9 L11-20P	G-12 L11-30R	G-12 L11-30P
	3Ø 480V AC	L12			G-9 L12-20R	G-9 L12-20P	G-12 L12-30R	G-12 L12-30P
	3Ø 600V AC	L13					G-12 L13-30R	G-12 L13-30P
3-Pole 4-Wire Grounding	125/250V AC	L14			G-9 L14-20R	G-9 L14-20P	G-12 , G-18 L14-30R	G-12 L14-30P
	3Ø 250V AC	L15			G-9 L15-20R	G-9 L15-20P	G-12 L15-30R	G-12 L15-30P
	3Ø 480V AC	L16			G-9 L16-20R	G-9 L16-20P	G-12 L16-30R	G-12 L16-30P
	3Ø 600V AC	L17					G-12 L17-30R	G-12 L17-30P
	400Hz 3Ø 120V	FSL3					G-14 FSL3	G-14 FSL3
4-Pole 4-Wire	3ØY 120/208V AC	L18			G-10 L18-20R	G-10 L18-20P	G-13 L18-30R	G-13 L18-30P
	3ØY 277/480V AC	L19			G-10 L19-20R	G-10 L19-20P	G-13 L19-30R	G-13 L19-30P
	3ØY 347/600V AC	L20			G-10 L20-20R	G-10 L20-20P	G-13 L20-30R	G-13 L20-30P
4-Pole 5-Wire Grounding	3ØY 120/208V AC	L21			G-10 L21-20R	G-10 L21-20P	G-13 L21-30R	G-13 L21-30P
	3ØY 277/480V AC	L22			G-10 L22-20R	G-10 L22-20P	G-13 L22-30R	G-13 L22-30P
	3ØY 347/600V AC	L23			G-10 L23-20R	G-10 L23-20P	G-13 L23-30R	G-13 L23-30P
	400Hz 3ØY 120/208V	FSL4					G-14 FSL4	G-14 FSL4

NEMA® is a registered trademark of the National Electrical Manufacturers Association.

Locking Devices

Product Features

Triple Gripper® Locking Plug

TECH·SPEC®

- Hand grip features wide-rib, non-slip design
- Configuration-specific plug face surrounds blades to prevent infiltration of contaminants
- Captive, combination Slot/Phillips assembly screws
- Double wall construction for extra durability
- Neutral blade is nickel-plated for easy identification

70520NP

Triple Gripper® Locking Connector

- Face and body feature alignment keys for easy assembly
- Amperage, voltage and NEMA configuration imprinted on face for easy identification
- Impact/chemical resistant, toughened nylon construction

70520NC

70520FR

Locking Receptacle

- Combination back and side wiring terminals accept #14 through #8 AWG solid or stranded conductors
- Heavy duty mounting straps are nickel-plated to resist corrosion, wide width design assures secure assembly
- NEMA rating and configuration are molded into face for easy identification
- One-piece, rivetless copper-alloy contact design reduces heat buildup and provides secure blade retention

Contact

High-performance copper-alloy contacts have excellent conductivity and spring properties to provide superior contact pressure.

EPDM Dust Seal

Resiliant dust seal surrounds cord, helping to prevent moisture and contaminants from entering wiring chamber.

Triple Gripper®

Internal “self-centering” Triple Gripper® cord grip with “radius teeth” design provides secure cord retention.

Terminal Cover

Transparent terminal cover, extended “teardrop” wiring pockets and backed out “captive” terminal screws simplify wiring.

Angle Adapter

Nylon angle adapter (70204ANA) converts 20A and 30A nylon locking plugs and connectors into space-saving angle devices.

Midget 15A 125V Locking Devices Inches (mm)

7465N

7464N

7466N

7468N

Rating	Poles/ Wires	Cord Diameter	Color	Nylon with Non-metallic Cord Grip, Plugs are Polarized		Flanged Devices Equipment Base with Nylon White Cup	
				Plug	Connector	Male	Female
NEMA ML1, 15A 125V Plug Connector	2-Pole 2-Wire	.220-.425" (5.6-10.8)	Black/White Black	**7465N** **7465NB**	**7464N*** **7464NB***	**7466N** —	**7468N*** —

*Note: *Will accommodate both polarized and nonpolarized plugs.*
See page G-20 for weather protective boots for midget locking devices.

Midget 15A 125V and 125/250V Locking Devices Inches (mm)

7594NP

7593NC

7595MB

7596ER

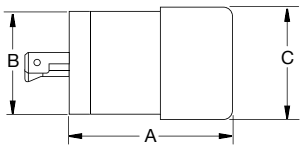
Rating	Poles/ Wires	Cord Diameter	Color	Nylon with Quad Gripper® Cord Grip		Flanged Devices Equipment Base with Nylon White Cup	
				Plug	Connector	Male	Female
NEMA ML2, 15A 125V Plug Connector	2-Pole 3-Wire	.281"-.625" (7.1-15.9)	Black/White	**7594NP**	**7593NC**	**7595MB**	**7596ER**
NEMA ML3, 15A 125/250V Plug Connector	3-Pole 3-Wire	.281"-.625" (7.1-15.9)	Black/White	**7485NP**	**7484NC**	**7486MB**	**7487ER**

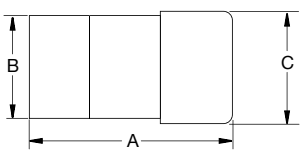
*Note: *Will accommodate both polarized and nonpolarized plugs.*
See page G-20 for weather protective boots for midget locking devices.

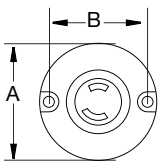
Product Dimensions Inches (mm)

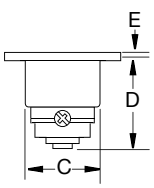
	Plug	Connector
A	1.60" (40.6)	2.15" (54.6)
B	1.12" (28.4)	1.12" (28.4)
C	1.25" (31.8)	1.25" (31.8)

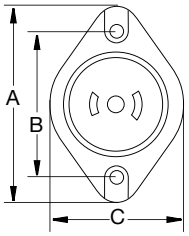
	Flanged Devices		
	7466N	7468N	MB/ER Series
A	1.63" (41.4)	1.63" (41.4)	2.06" (52.3)
B	1.38" (35.1)	1.38" (35.1)	1.75" (44.5)
C	1.08" (27.4)	0.95" (24.1) O.D.	1.62" (41.1)
D	1.19" (30.2)	1.09" (27.7)	1.23" (31.2)
E	0.09" (2.3)	0.09" (2.3)	1.17" (29.7)

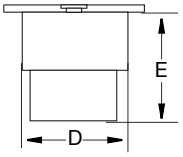












15A 125V and 20A 250V Locking Devices Inches (mm)

7102N 7101 7210B 7535 7540 7523 7526

Rating	Poles/ Wires	Cord Diameter	Black/White Nylon Polarized, with Non-metallic Cord Grip: Plug	Black/White Nylon Polarized, with Non-metallic Cord Grip: Connector	Receptacle Black Phenolic, Back and Side Wired: Single	Receptacle Black Phenolic, Back and Side Wired: Duplex	Flanged Devices Equipment Base with Binding Screw Terminals: Male	Flanged Devices Equipment Base with Binding Screw Terminals: Female
NEMA L1-15, 15A 125V Plug Connector	2-Pole 2-Wire	.296"-.562" (7.5-14.3)	**7548**	**7506**	**7535**	**7540**	**7523**	**7526**
NEMA L2-20, 20A 250V Plug Connector	2-Pole 2-Wire	.296"-.562" (7.5-14.3)	**7102N** **9102N***	**7101****	**7210B**	—	**8808MB**	**8809ER**

*Note: *Plug is black/white nylon with dual non-metallic cord grip.*
***Connector is thermoplastic with cord grip.*

Receptacle Accessories

SS7 NP7BK SS8 NP8BK RW51550 RW51470 RW57300

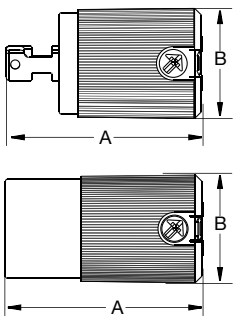
Single Receptacle Wallplate		Duplex Receptacle Wallplate		Weatherproof Covers		
Stainless Steel	Nylon	Stainless Steel	Nylon	Zinc Die Cast	Zinc Die Cast	Thermoplastic
SS7	**NP7BK**	**SS8**	**NP8BK**	**RW51550**	**RW51470**	**RW57300**

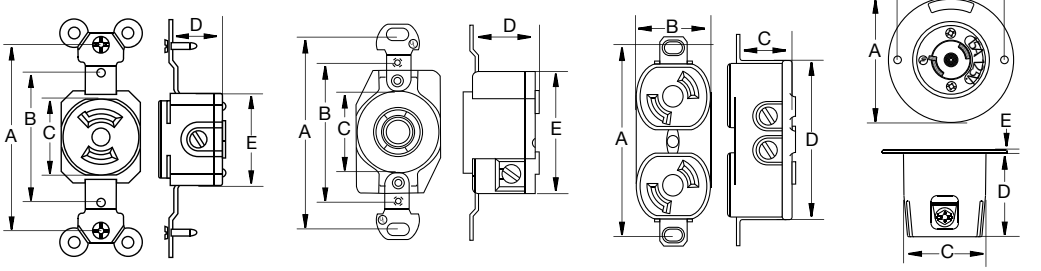
Note: See Section P for additional information on wallplates and weatherproof covers.

Product Dimensions Inches (mm)

	Plug	Connector
A	1.97" (50.0)	2.78" (70.6)
B	1.53" (38.8)	1.53" (38.8)

	Receptacle: Single	Receptacle: Duplex	Flanged Devices: Male/Female
A	3.28" (83.3)	3.28" (83.3)	2.56" (65.1)
B	2.38" (60.5)	1.50" (38.1)	2.19" (55.6)
C	1.38" (34.9)	0.91" (23.1)	1.69" (42.9)
D	1.00" (25.4)	2.72" (69.1)	1.72" (43.7)
E	15A - 1.39" (35.3)	—	0.06" (1.5)
	20A - 2.09" (53.1)	—	—





15A 125V, 250V and 277V Locking Devices, 2-Pole 3-Wire Grounding Inches (mm)

TECH-SPEC®

4726BRY 4730 70615NP 70615NC 4722N 4716MB 4715ER

Rating	Cord Diameter	Description	Nylon Plug Clamp-type Terminals		Nylon Connector Clamp-type Terminals		Flanged Devices Equipment Base with Nylon White Cup	
			Tripple Gripper	Regular	Tripple Gripper	Regular	Male	Female
NEMA L5-15, 15A 125V Plug Connector	.300"-.655" (7.6-16.6)	Black/White	**4721NP**	—	**4732NC**	**4730**	**4716MB**	**4715ER**
		All Black	**4721NPB**	**4726BRY**	**4732NCB**	—	—	—
		Corrosion-Resistant Yellow	**4721NPCR**	—	**4732NCCR**	—	—	—
		Angled 12-position Black/White	—	**4722N**	—	—	—	—
NEMA L6-15, 15A 250V Plug Connector	.300"-.655" (7.6-16.6)	Black/White	**70615NP**	—	**70615NC**	—	**70615MB**	**70615ER**
NEMA L7-15, 15A 277V AC Plug Connector	.300"-.655" (7.6-16.6)	Black/White	**4770NP**	—	**4779NC**	—	**4786MB**	**4785ER**

Weather Protective Boots

Description	For use with	Color	For Use with Plugs	For Use with Connectors
Thermoplastic elastomer boot	7465N plug when used with 7464N connector or 7468N female equipment receptacle, also for use with connector when used with 7466N male base	Black	**7460BP**	—
	7464N connector when used with 7465N plug	Black	—	**7460BC**
Neoprene boot	15 amp 2-pole 2-wire and midget locking nylon plugs and connectors, NEMA L1-15, ML-2 and ML-3	Yellow	**7400BCR**	**7400BCR**

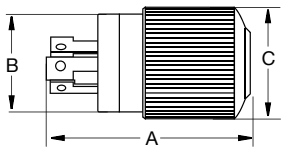
7460BP 7460BC 7400BCR

Product Dimensions Inches (mm)

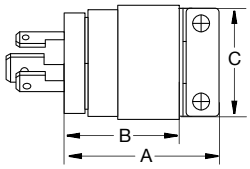
	Triple Gripper Locking (B/W)		Locking (All Black)		Angled
	Plug	Connector	Plug	Connector	Plug
A	2.18" (55.4)	2.95" (75.0)	2.00" (50.8)	2.78" (70.6)	2.07" (52.6)
B	1.38" (35.1)	1.38" (35.1)	1.56" (39.6)	2.33" (59.2)	1.30" (33.0)
C	1.53" (38.9)	1.53" (38.9)	1.53" (38.9)	1.53" (38.9)	1.52" (38.6)

	Flanged Devices
	Male/Female
A	2.50" (63.5)
B	2.19" (55.6)
C	2.00" (50.8)
D	1.84" (46.8)
E	1.68" (42.6)
F	1.58" (40.1)

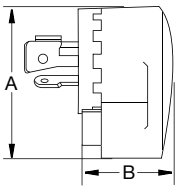
Note: See page R-8 for horsepower ratings.

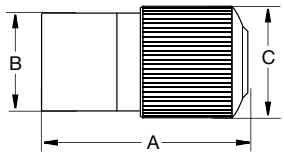


70615NP

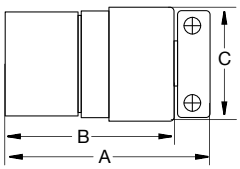


4726BRY

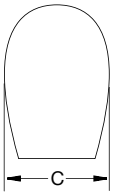




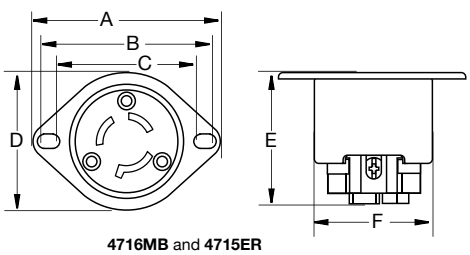
70615NC



4730



4722N

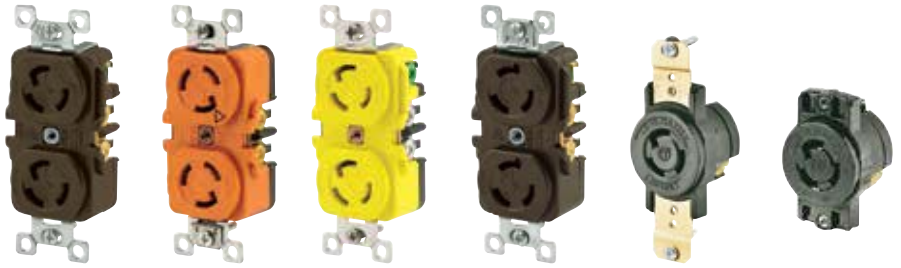


4716MB and 4715ER

Specifications are subject to change without notice.

15A 125V, 250V and 277V Locking Devices, 2-Pole 3-Wire Grounding Inches (mm)

TECH-SPEC®



4700DR | 4700DRIG | 4700DRCR | 70615DR | 4710 | 4712BRY

Rating	Description	Back and Side Wired: Duplex Receptacle — Reinforced Thermoplastic Polyester (RTP)	Back and Side Wired: Single Receptacle — Nylon	Single Receptacle — Panel Mount Mounting Hole Center: 1.94" (49.3)	Single Receptacle — Panel Mount Mounting Hole Center: 1.75" (44.5)	Single Receptacle — Mounted on 4" (101.6) Round Metal Box
NEMA L5-15, 15A 125V Plug / Connector	Black	—	**4710**	**4712BRY**	**4713BRY**	**4711BRY**
	Brown	**4700DR**	—	—	—	—
	Ivory	**4700DRI**	—	—	—	—
	Isolated Ground Orange	**4700DRIG**	**4710IG**	—	—	—
	Corrosion-Resistant Yellow	**4700DRCR**	**4710CR**	—	—	—
NEMA L6-15, 15A 250V Plug / Connector	Black	—	**70615FR**	**7061594**	**7061575**	—
	Brown	**70615DR**	—	—	—	—
	Isolated Ground Orange	**70615DRIG**	**70615IG**	—	—	—
NEMA L7-15, 15A 277V AC Plug / Connector	Black	—	**4760**	—	—	**4761**
	Brown	**4750DR**	—	—	—	—

Note: See Section C for more information on isolated ground devices.
See Section I for more information on corrosion-resistant devices.

Accessories

SS7 | NP7BK | SS8 | NP8BK | RW51550 | RW51470 | RW57300

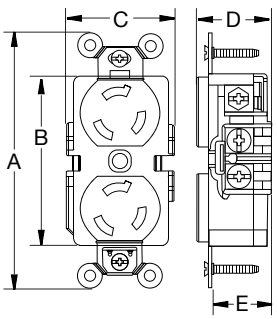
Single Receptacle Wallplate		Duplex Receptacle Wallplate		Weatherproof Covers		
Stainless Steel	Nylon	Stainless Steel	Nylon	Zinc Die Cast	Zinc Die Cast	Thermoplastic
SS7	**NP7BK**	**SS8**	**NP8BK**	**RW51550**	**RW51470**	**RW57300**

Note: See Section P for additional information on wallplates and weatherproof covers.

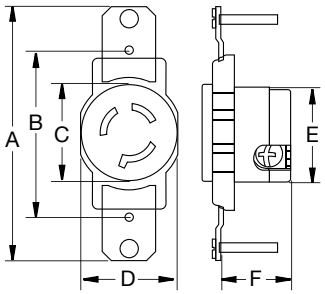
Product Dimensions Inches (mm)

	Receptacle: Duplex	Receptacle: Single
A	3.28" (83.3)	3.28" (83.3)
B	2.74" (69.6)	2.38" (60.5)
C	1.70" (43.2)	1.38" (35.1)
D	1.17" (29.7)	1.41" (35.8)
E	0.93" (23.6)	1.37" (37.8)
F	—	1.01" (25.7)

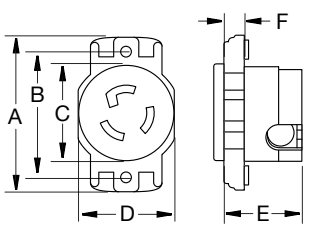
	Panel Mounting
A	2.38" (60.5)
B	1.75" (44.5) or 1.94" (49.3)
C	1.38" (35.1)
D	1.41" (35.8)
E	1.09" (27.7)
F	0.33" (8.4)



4700DR, 70615DR and **4750DR**



4710, 70615FR and **4760**



4712BRY and **4713BRY**

20A 125V, 250V, 277V AC, 480V AC and 600V AC Locking Devices, 2-Pole 3-Wire Grounding Inches (mm)

TECH·SPEC®

70520NP

70520NC

70520MB

70520ER

70520MBWP

70520FR

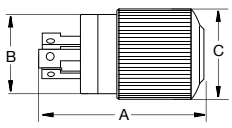
Rating	Cord Diameter	Description	Tripple Gripper: Nylon Plug	Tripple Gripper: Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup: Male	Flanged Devices Equipment Base with Nylon White Cup: Female	Weather Protective Power Inlets: Die Cast Aluminum Plate*	Single Nylon Receptacle, All Black
NEMA L5-20, 20A 125V Plug Connector	.300"-.655" (7.6-16.6)	Black/White All Black	**70520NP** **70520NPB**	**70520NC** **70520NCB**	**70520MB** —	**70520ER** —	**70520MBWP** —	— **70520FR**
		Corrosion-Resistant Yellow/White	**70520NPCR**	**70520NCCR**	—	—	—	**70520FRCR**
		Isolated Ground Orange	—	—	—	—	—	**70520IG**
NEMA L6-20, 20A 250V Plug Connector	.300"-.655" (7.6-16.6)	Black/White	**70620NP**	**70620NC**	**70620MB**	**70620ER**	**70620MBWP**	**70620FR**
		Corrosion-Resistant Yellow/White	**70620NPCR**	**70620NCCR**	—	—	—	—
		Isolated Ground Orange	—	—	—	—	—	**70620IG**
NEMA L7-20, 20A 277V AC Plug Connector	.300"-.655" (7.6-16.6)	Black/White	**70720NP**	**70720NC**	**70720MB**	**70720ER**	—	**70720FR**
NEMA L8-20, 20A 480V AC Plug Connector	.300"-950" (7.6-24.1)	Black/White	**70820NP**	**70820NC**	**70820MB**	**70820ER**	—	**70820FR**
NEMA L9-20, 20A 600V AC Plug Connector	.300"-950" (7.6-24.1)	Black/White	**70920NP**	**70920NC**	**70920MB**	**70920ER**	—	**70920FR**

*Note: *Supplied with gaskets, mounting screws and spring-loaded, self-closing lift cover.*
See Section C for more information on isolated ground devices and Section I for more information on corrosion-resistant devices.
See page G-20 for weather protective boots for 20 amp nylon locking plugs.

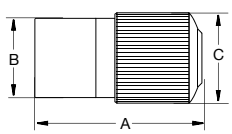
Product Dimensions Inches (mm)

	Plug
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

	Connector
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



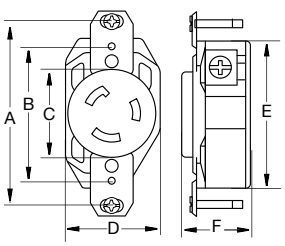
70520NP



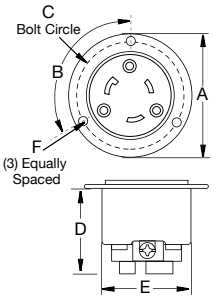
70520NC

	Receptacle: Single	Flanged Devices: Male/ Female
A	3.28" (83.3)	2.88" (73.2)
B	2.38" (60.5)	120°
C	1.56" (39.6)	2.00" (50.8)
D	1.70" (43.2)	2.02" (51.3)
E	2.67" (67.8)	2.05" (52.1)
F	1.24" (31.5)	(3) 0.19" (4.8)

Note: See page R-8 for horsepower ratings.



70520FR



70520MB and 70520ER

Locking Devices

20 Amp Plugs, Connectors Flanged Devices and Receptacles

20A 125/250V, 3Ø 250V AC and 3Ø 480V AC Locking Devices, 3-Pole 3-Wire and 3-Pole 4-Wire Grounding Inches (mm)

TECH-SPEC®

71020NP

71020NC

71020MB

71020ER

71520MBWP

71020FR

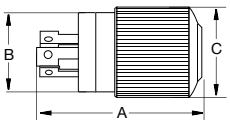
Rating	Poles/ Wires	Cord Diameter	Description	Tripple Gripper Nylon Plug	Tripple Gripper Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup Male	Flanged Devices Equipment Base with Nylon White Cup Female	Weather Protective Power Inlets Die Cast Aluminum Plate*	Single Nylon Receptacle, All Black
NEMA L10-20, 20A 125/250V AC Plug Connector	3-Pole 3-Wire	.300"-.655" (7.6-16.6)	Black/White	**71020NP**	**71020NC**	**71020MB**	**71020ER**	—	**71020FR**
NEMA L11-20, 20A 3Ø 250V AC Plug Connector	3-Pole 3-Wire	.300"-.655" (7.6-16.6)	Black/White	**71120NP**	**71120NC**	**71120MB**	**71120ER**	—	**71120FR**
NEMA L12-20, 20A 3Ø 480V AC Plug Connector	3-Pole 3-Wire	.300"-.655" (7.6-16.6)	Black/White	**71220NP**	**71220NC**	**71220MB**	**71220ER**	—	**71220FR**
NEMA L14-20, 20A 125/250V AC Plug Connector	3-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**71420NP**	**71420NC**	**71420MB**	**71420ER**	**71420MBWP**	**71420FR**
			Isolated Ground Orange	—	—	—	—	—	**71420IG**
NEMA L15-20, 20A 3Ø 250V AC Plug Connector	3-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**71520NP**	**71520NC**	**71520MB**	**71520ER**	**71520MBWP**	**71520FR**
NEMA L16-20, 20A 3Ø 480V AC Plug Connector	3-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**71620NP**	**71620NC**	**71620MB**	**71620ER**	**71620MBWP**	**71620FR**

*Note: *Supplied with gaskets, mounting screws and spring-loaded, self-closing lift cover.*
See Section C for more information on isolated ground devices and Section I for more information on corrosion-resistant devices.
See page G-20 for weather protective boots for 20 amp nylon locking plugs.

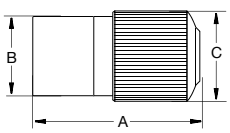
Product Dimensions Inches (mm)

Plug	
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

Connector	
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



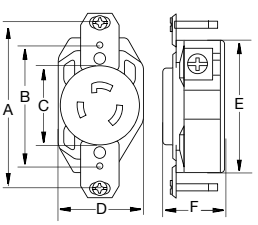
70520NP



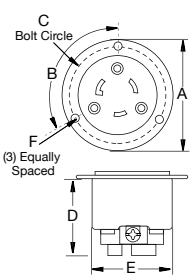
70520NC

	Receptacle Single	Flanged Devices 71020MB/ER	Flanged Devices 71520MB/ER
A	3.28" (83.3)	2.88" (73.2)	3.06" (77.7)
B	2.38" (60.5)	120°	120°
C	1.56" (39.6)	2.50" (63.5)	2.68" (68.1)
D	1.70" (43.2)	2.02" (51.3)	2.03" (51.6)
E	2.67" (67.8) 71520FR 2.50" (63.5) 71020FR	2.12" (53.8)	2.16" (54.9)
F	1.14" (29.0) 71520FR 0.98" (2.50) 71020FR	(3) 0.19" (4.8)	(3) 0.19" (4.8)

Note: See page R-8 for horsepower ratings.



71020FR



71020MB and 71020ER

20A 3ØY 120/208V AC, 3ØY 277/480V AC and 3ØY 347/600V AC Locking Devices, 4-Pole 4-Wire and 4-Pole 5-Wire Grounding Inches (mm)

TECH-SPEC®

71820NP

71820NC

71820MB

71820ER

71820FR

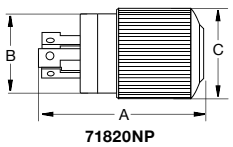
Rating	Poles/ Wires	Cord Diameter	Description	Tripple Gripper Nylon Plug	Tripple Gripper Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup Male	Flanged Devices Equipment Base with Nylon White Cup Female	Single Nylon Receptacle, All Black
NEMA L18-20, 20A 3ØY 120/208V AC Plug Connector	4-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**71820NP**	**71820NC**	**71820MB**	**71820ER**	**71820FR**
NEMA L19-20, 20A 3ØY 277/480V AC Plug Connector	4-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**71920NP**	**71920NC**	**71920MB**	**71920ER**	**71920FR**
NEMA L20-20, 20A 3ØY 347/600V AC Plug Connector	4-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**72020NP**	**72020NC**	**72020MB**	**72020ER**	**72020FR**
NEMA L21-20, 20A 3ØY 120/208V AC Plug Connector	4-Pole 5-Wire	.465"-1.150" (11.8-29.2)	Black/White All Black	**72120NP** **72120NPB**	**72120NC** **72120NCB**	**72120MB** —	**72120ER** —	— **72120FR**
			Isolated Ground Orange	—	—	—	—	**72120IG**
NEMA L22-20, 20A 3ØY 277/480V AC Plug Connector	4-Pole 5-Wire	.465"-1.150" (11.8-29.2)	Black/White	**72220NP**	**72220NC**	**72220MB**	**72220ER**	**72220FR**
NEMA L23-20, 20A 3ØY 347/600V AC Plug Connector	4-Pole 5-Wire	.465"-1.150" (11.8-29.2)	Black/White	**72320NP**	**72320NC**	**72320MB**	**72320ER**	**72320FR**

*Note: *Supplied with gaskets, mounting screws and spring-loaded, self-closing lift cover.*
See Section C for more information on isolated ground devices and Section I for more information on corrosion-resistant devices.
See page G-20 for weather protective boots for 20 amp nylon locking plugs.

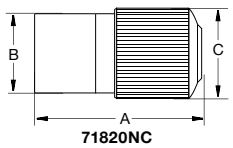
Product Dimensions Inches (mm)

Plug	
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

Connector	
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



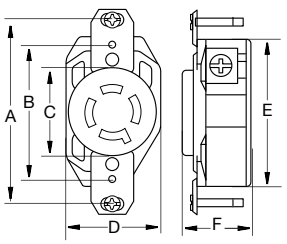
71820NP



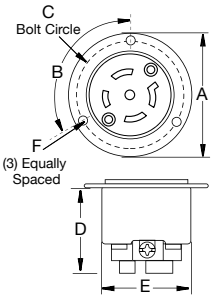
71820NC

	Receptacle Single	Flanged Devices Male/ Female
A	3.28" (83.3)	3.06" (77.7)
B	2.38" (60.5)	120˚
C	1.56" (39.6)	2.68" (68.1)
D	1.70" (43.2)	2.03" (51.6)
E	2.67" (67.8)	2.16" (54.9)
F	1.24" (31.5)	(3) 0.19" (4.8)

Note: See page R-8 for horsepower ratings.



71820FR



71820MB and 71820ER

Locking Devices

30 Amp Plugs, Connectors Flanged Devices and Receptacles

30A 125V, 250V, 277V AC, 480V AC and 600V AC Locking Devices, 2-Pole 3-Wire Grounding Inches (mm)

TECH·SPEC®

70530NP

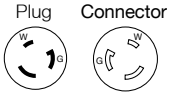
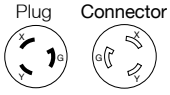
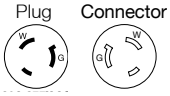
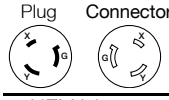
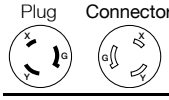
70530NC

70530MB

70530ER

70530MBWP

70530FR

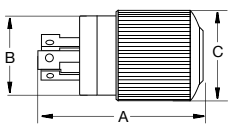
Rating	Cord Diameter	Description	Tripple Gripper Nylon Plug	Tripple Gripper Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup Male	Flanged Devices Equipment Base with Nylon White Cup Female	Weather Protective Power Inlets Die Cast Aluminum Plate*	Single Nylon Receptacle, All Black
NEMA L5-30, 30A 125V	.300"-.950" (7.6-24.1)	Black/White	**70530NP**	**70530NC**	**70530MB**	**70530ER**	**70530MBWP**	—
		All Black	**70530NPB**	**70530NCB**	—	—	—	**70530FR**
Plug Connector 		Corrosion-Resistant Yellow/White	**70530NPCR**	**70530NCCR**	—	—	—	**70530FRCR**
		Isolated Ground Orange	—	—	—	—	—	**70530IG**
NEMA L6-30, 30A 250V	.300"-.950" (7.6-24.1)	Black/White	**70630NP**	**70630NC**	**70630MB**	**70630ER**	**70630MBWP**	—
		All Black	**70630NPB**	**70630NCB**	—	—	—	**70630FR**
Plug Connector 		Corrosion-Resistant Yellow/White	**70630NPCR**	**70630NCCR**	—	—	—	—
		Isolated Ground Orange	—	—	—	—	—	**70630IG**
NEMA L7-30, 30A 277V AC	.300"-.950" (7.6-24.1)	Black/White	**70730NP**	**70730NC**	**70730MB**	**70730ER**	—	**70730FR**
Plug Connector 								
NEMA L8-30, 15A 480V AC	.300"-.950" (7.6-24.1)	Black/White	**70830NP**	**70830NC**	**70830MB**	**70830ER**	—	**70830FR**
Plug Connector 								
NEMA L9-30, 30A 600V AC	.300"-.950" (7.6-24.1)	Black/White	**70930NP**	**70930NC**	**70930MB**	**70930ER**	—	**70930FR**
Plug Connector 								

*Note: *Supplied with gaskets, mounting screws and spring-loaded, self-closing lift cover.*
See Section C for more information on isolated ground devices and Section I for more information on corrosion-resistant devices.
See page G-20 for weather protective boots for 20 amp nylon locking plugs.

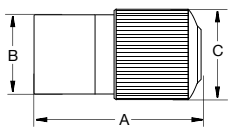
Product Dimensions Inches (mm)

Plug	
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

Connector	
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



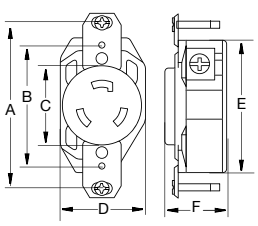
70530NP



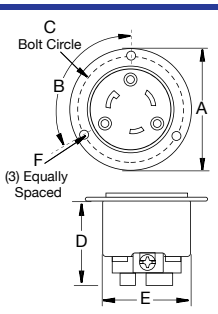
70530NC

	Receptacle Single	Flanged Devices Male/Female
A	3.28" (83.3)	2.88" (73.2)
B	2.38" (60.5)	120°
C	1.56" (39.6)	2.50" (63.5)
D	1.70" (43.2)	2.02" (51.3)
E	2.67" (67.8)	2.05" (52.1)
F	1.24" (31.5)	(3) 0.19" (4.8)

Note: See page R-8 for horsepower ratings.



70530FR



70530MB and 70530ER

30A 125/250V, 3Ø 250V AC, 3Ø 480V AC and 3Ø 600V AC Locking Devices, 3-Pole 3-Wire and 3-Pole 3-Wire and 3-Pole 4-Wire Grounding Inches (mm)

TECH-SPEC®

71030NP | 71030NC | 71030MB | 71030ER | 71530MBWP | 71030FR | 71530FR

Rating	Poles/ Wires	Cord Diameter	Description	Tripple Gripper Nylon Plug	Tripple Gripper Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup Male	Flanged Devices Equipment Base with Nylon White Cup Female	Weather Protective Power Inlets Die Cast Aluminum Plate*	Single Nylon Receptacle, All Black
NEMA L10-30, 30A 125/250V AC Plug Connector	3-Pole 3-Wire	.300"-.950" (7.6-24.1)	Black/White	**71030NP**	**71030NC**	**71030MB**	**71030ER**	—	**71030FR**
NEMA L11-30, 30A 3Ø 250V AC Plug Connector	3-Pole 3-Wire	.300"-.950" (7.6-24.1)	Black/White	**71130NP**	**71130NC**	**71130MB**	**71130ER**	—	**71130FR**
NEMA L12-30, 30A 3Ø 480V AC Plug Connector	3-Pole 3-Wire	.300"-.950" (7.6-24.1)	Black/White	**71230NP**	**71230NC**	**71230MB**	**71230ER**	—	**71230FR**
NEMA L13-30, 30A 3Ø 600V AC Plug Connector	3-Pole 3-Wire	.300"-.950" (7.6-24.1)	Black/White	**71330NP**	**71330NC**	**71330MB**	**71330ER**	—	**71330FR**
NEMA L14-30, 30A 125/250V AC Plug Connector	3-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**71430NP**	**71430NC**	**71430MB**	**71430ER**	**71430MBWP**	**71430FR**
			Isolated Ground Orange	—	—	—	—	—	**71430IG**
NEMA L15-30, 30A 3Ø 250V AC Plug Connector	3-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**71530NP**	**71530NC**	**71530MB**	**71530ER**	**71530MBWP**	**71530FR**
			Isolated Ground Orange	—	—	—	—	—	**71530IG**
NEMA L16-30, 30A 3Ø 480V AC Plug Connector	3-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**71630NP**	**71630NC**	**71630MB**	**71630ER**	—	**71630FR**
NEMA L17-30, 30A 3Ø 600V AC Plug Connector	3-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**71730NP**	**71730NC**	**71730MB**	**71730ER**	—	**71730FR**

*Note: *Supplied with gaskets, mounting screws and spring-loaded, self-closing lift cover*

See Section C for more information on isolated ground devices and Section I for more information on corrosion-resistant devices.

See page G-9 for 20 amp NEMA locking device dimensions.

See page G-20 for weather protective boots for 30 amp nylon locking plugs.

30A 3ØY 120/208V AC, 3ØY 277/480V AC and 3ØY 347/600V AC Locking Devices, 4-Pole 4-Wire and 4-Pole 5-Wire Grounding Inches (mm)

71830NP

71830NC

71830MB

71830ER

71830FR

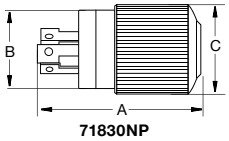
Rating	Poles/ Wires	Cord Diameter	Description	Tripple Gripper Nylon Plug	Tripple Gripper Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup Male	Flanged Devices Equipment Base with Nylon White Cup Female	Single Nylon Receptacle, All Black
NEMA L18-30, 30A 3ØY 120/208V AC Plug Connector	4-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**71830NP**	**71830NC**	**71830MB**	**71830ER**	**71830FR**
NEMA L19-30, 30A 3ØY 277/480V AC Plug Connector	4-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**71930NP**	**71930NC**	**71930MB**	**71930ER**	**71930FR**
NEMA L20-30, 30A 3ØY 347/600V AC Plug Connector	4-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**72030NP**	**72030NC**	**72030MB**	**72030ER**	**72030FR**
NEMA L21-30, 30A 3ØY 120/208V AC Plug Connector	4-Pole 5-Wire	.465"-1.150" (11.8-29.2)	Black/White	**72130NP**	**72130NC**	**72130MB**	**72130ER**	**72130FR**
			Isolated Ground Orange	—	—	—	—	**72130IG**
NEMA L22-30, 30A 3ØY 277/480V AC Plug Connector	4-Pole 5-Wire	.465"-1.150" (11.8-29.2)	Black/White	**72230NP**	**72230NC**	**72230MB**	**72230ER**	**72230FR**
NEMA L23-30, 30A 3ØY 347/600V AC Plug Connector	4-Pole 5-Wire	.465"-1.150" (11.8-29.2)	Black/White	**72330NP**	**72330NC**	**72330MB**	**72330ER**	**72330FR**

*Note: *Supplied with gaskets, mounting screws and spring-loaded, self-closing lift cover*
See Section C for more information on isolated ground devices and Section I for more information on corrosion-resistant devices.
See page G-20 for weather protective boots for 30 amp nylon locking plugs.

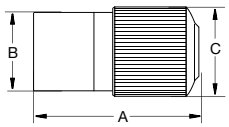
Product Dimensions Inches (mm)

Plug	
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

Connector	
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



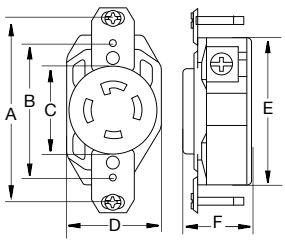
71830NP



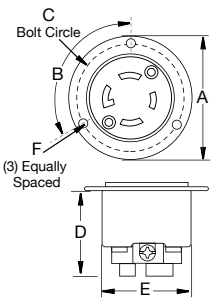
71830CP

	Receptacle Single	Flanged Devices Male/ Female
A	3.28" (83.3)	3.06" (77.7)
B	2.38" (60.5)	120˚
C	1.56" (39.6)	2.68" (68.1)
D	1.70" (43.2)	2.03" (51.6)
E	2.67" (67.8)	2.16" (54.9)
F	1.24"(31.5)	(3) 0.19" (4.8)

Note: See page R-8 for horsepower ratings.



71830FR



71830MB and 71830ER

20A 400Hz 3ØY 120/208V and 30A 28V DC, 400Hz 120V, 3Ø∆ 120V and 3ØY 120/208V Locking Devices, 2-Pole 3-Wire, 3-Pole 4-Wire and 4-Pole 5-Wire Grounding Inches (mm)

TECH·SPEC®

40045NP | 40045NC | FSL1NP | FSL1NC | 40045MB | 40045ER | 40045FR | FSL1FR

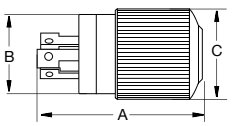
Rating	Poles/ Wires	Cord Diameter	Description	Tripple Gripper		Flanged Devices Equipment Base with Nylon White Cup		Single Urea Receptacle, All Black
				Nylon Plug	Nylon Connector	Male	Female	
20A 400Hz, 3ØY 120/208V Plug Connector	4-Pole 5-Wire	.465"-1.150" (11.8-29.2)	Black/White	**40045NP**	**40045NC**	**40045MB**	**40045ER**	**40045FR**
NEMA FSL1, 30A 28V DC Plug Connector	2-Pole 3-Wire	.300"-.950" (7.6-24.1)	Black/White	**FSL1NP**	**FSL1NC**	—	—	**FSL1FR**
NEMA FSL2, 30A 400Hz 120V Plug Connector	2-Pole 3-Wire	.465"-1.150" (11.8-29.2)	Black/White	**FSL2NP**	**FSL2NC**	—	—	**FSL2FR**
NEMA FSL3, 30A 400Hz 3Ø∆ 120V Plug Connector	3-Pole 4-Wire	.465"-1.150" (11.8-29.2)	Black/White	**FSL3NP**	**FSL3NC**	—	—	**FSL3FR**
NEMA FSL4, 30A 400Hz 3ØY 120/280V Plug Connector	4-Pole 5-Wire	.465"-1.150" (11.8-29.2)	Black/White	**FSL4NP**	**FSL4NC**	—	—	**FSL4FR**

Note: 400 Hertz locking devices have a unique locking configuration that is not interchangeable with existing locking configurations. They have been designed, tested and approved for use on 400 Hz (400 cycles per second) circuits.
This higher frequency (400 Hz) is used in place of the normal 60 Hz in certain military, industrial and aircraft applications. Where power, size and weight are important factors, the application of 400 Hz, in aircraft for example, permits the use of small, powerful electric motors that result in a substantial weight reduction. The National Electrical Code requires that "receptacles connected to circuits having different voltages, frequencies or types of current (AC or DC) on the same premises shall be of such design that the attachment plugs used on these circuits are not interchangeable." Thus users of 400 Hz and 60 Hz attachment plugs and receptacles must segregate the frequencies when used on the same premises.
See page G-20 for weather protective boots for 20 amp nylon locking plugs.

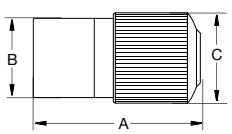
Product Dimensions Inches (mm)

Plug	
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

Connector	
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



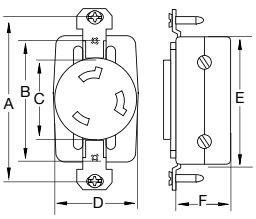
FSL1NP



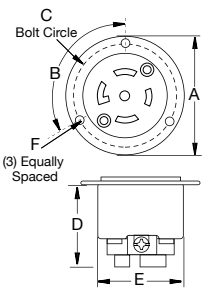
FSL1NC

	Single Receptacle	Flanged Devices
A	3.28" (83.3)	3.06" (77.7)
B	2.38" (60.5)	120°
C	1.56" (39.6)	2.68" (68.1)
D	1.71" (43.4)	2.03" (51.6)
E	2.50" (63.5)	2.16" (54.9)
F	1.14" (29.0) FSL1FR 1.20" (30.5) 40045FR	(3) 0.19" (4.8)

Note: See page R-8 for horsepower ratings.



FSL1FR



40045MB and **40045ER**

Locking Devices

10 Amp and 15 Amp Non-NEMA Locking Devices

10A 250V and 15A 125V Locking Devices, 3-Pole 3-Wire Non-Grounding and 2-Pole 3-Wire Grounding Inches (mm)

7568NP 7565NC 7556MB 7557ER 7582 7580DR

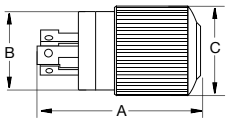
Rating	Poles/ Wires	Cord Diameter	Description	Triple Gripper Nylon Plug	Triple Gripper Nylon Connector	Flanged Devices Equipment Base with Binding Screw Terminals Male White Nylon	Flanged Devices Equipment Base with Binding Screw Terminals Female White Nylon	Receptacle, Back and Side Wired Single All Black Nylon	Receptacle, Back and Side Wired Duplex All Black RTP
10A 250V, Non-Grounding Plug Connector	3-Pole 3-Wire	.300"-.655" (7.6-16.6)	Black/White	**7568NP**	**7565NC**	**7556MB**	**7557ER**	**7582**	**7580DR**
			Corrosion-Resistant Yellow/White	**7568NPCR**	**7565NCCR**	—	—	—	—
15A 125V, Grounding Plug Connector	2-Pole 3-Wire		All Black	—	—	—	—	**7582G**	**7580GDR**

*Note: Wiring devices on this page are **no longer listed by Underwriters Laboratories Inc.**, and are intended for **replacement use only** in existing installations. We recommend that they not be used in new installations. These devices formerly complied with UL Standards, however, due to revisions of these Standards, the devices can no longer be listed. For new installations, refer to the NEMA configuration chart on page G-2 for the products suited for your particular current and voltage requirements. **CAUTION:** To Avoid Electric Shock-Review premises carefully and do not use if slot or blade configuration (design) is already in a circuit having a rating differing from the rating of this device.*

See page G-20 for weather protective boots for 10 and 15 amp nylon locking plugs.

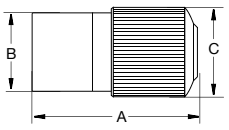
Product Dimensions Inches (mm)

	Plug 10A	Plug 20A
A	2.18" (55.4)	2.60" (66.0)
B	1.38" (35.1)	1.80" (45.7)
C	1.53" (38.9)	2.11" (53.6)



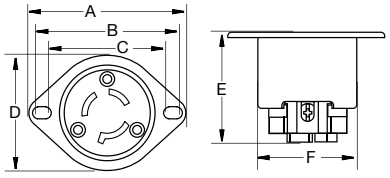
7568NP

	Connector 10A	Connector 20A
A	2.95 (75.0)	3.73 (94.7)
B	1.38" (35.1)	1.80 (45.7)
C	1.53" (38.9)	2.11 (53.6)

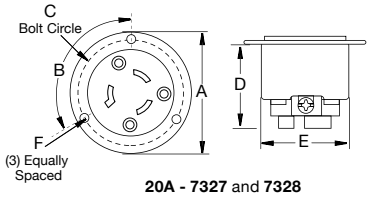


7568NC

	Flanged Devices 10A	Flanged Devices 20A
A	2.38" (60.5)	2.87" (73.9)
B	2.19" (55.5)	2.20"
C	2.00" (50.8)	2.50" (63.5)
D	1.84" (46.7)	1.27" (32.3)
E	1.68" (42.6)	2.01" (51.1)
F	1.58" (40.1)	(3) 0.19" (4.8)

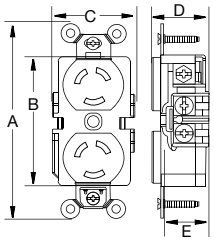


10A - 7556MB and 7557ER

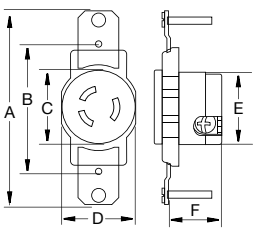


20A - 7327 and 7328

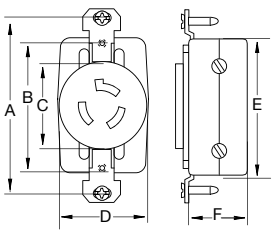
	Duplex Receptacles 10A	Single Receptacles 10A	Single Receptacles 20A
A	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)
B	2.38" (60.5)	2.38" (60.5)	2.38" (60.5)
C	1.38" (35.1)	1.38" (35.1)	1.38" (35.1)
D	1.41" (35.8)	1.41" (35.8)	1.39" (35.3)
E	1.37" (34.8)	1.37" (34.8)	2.20" (55.9)
F	1.01" (25.7)	1.01" (25.7)	0.86" (21.8)



10A - 7550DR



10A - 7582



20A - 7310

20A 125/250V, 250V AC and 3ØY 120/208V AC Locking Devices, Grounding and Non-Grounding Inches (mm)

9965 7314 7327 7328 7310

Rating	Poles/ Wires	Cord Diameter	Description	Nylon Construction Plug	Nylon Construction Connector	Flanged Devices Equipment Base with Binding Screw Terminals Male White Nylon	Flanged Devices Equipment Base with Binding Screw Terminals Female White Nylon	Single Receptacle Back and Side Wired All Black Urea
20A 125/250V AC, Non-Grounding Plug Connector	3-Pole 3-Wire	.375"-1.000" (9.5-25.4)	Black/White All Black	**9965** **9965NB**	**7314** **7314NB**	**7327** —	**7328** —	— **7310**
			Sentinel Yellow	**9965NSY**	**7314NSY**	—	—	—
20A 250V AC, Grounding Plug Connector	2-Pole 3-Wire		All Black	—	—	—	—	**7310G***
20A 3ØY 120/208V, Non-Grounding Plug Connector	4-Pole 4-Wire	.625"-1.150" (15.9-29.2)	Black/White	**9967**	**7414**	**7408MB**	**7409ER**	**7410** **7417****
			Sentinel Yellow	**9967NSY**	**7414NSY**	—	—	—
20A 250V AC, Grounding Plug Connector	3-Pole 4-Wire		All Black	—	—	—	—	**7410G***
20A 3ØY 120/208V AC, Grounding Plug Connector	4-Pole 5-Wire	.625"-1.150" (15.9-29.2)	Black/White	**3521**	**3523**	—	—	—

*Note: **Rating Change:** All devices listed on this page are intended **for replacement use only** in existing installations. We recommend that they not be used in new installations. Both standard and suffix "G" devices were formerly dual rated 20 Amp 250V AC or DC, 10 Amp 600V AC. Suffix "G" devices are intended for equipment grounding applications and formerly complied with UL Standards. However, due to revisions of these Standards, suffix "G" devices are no longer UL Listed and the rating of non-grounding devices has been changed to 20 Amp 125/250V. For new installations, refer to the NEMA configuration chart on G-2 for the products suited for your particular current and voltage requirements. **CAUTION:** To Avoid Electric Shock-Review premises carefully and do not use if slot or blade configuration (design) is already in a circuit having a rating differing from the rating of this device.*

See page G-20 for weather protective boots for 20 amp nylon locking plugs.

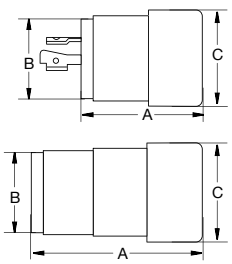
**Not UL Listed. For Replacement use only.*

***Catalog number 7410 on 4 in. (101.6) round metal box cover. Not CSA Certified.*

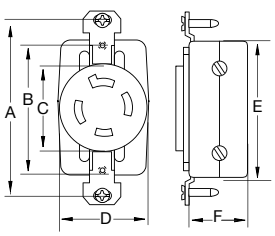
Product Dimensions Inches (mm)

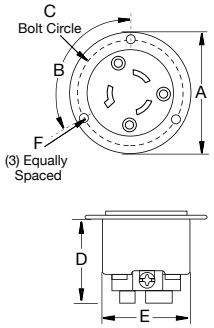
Plug	
A	2.60" (66.0)
B	1.80" (45.7)
C	2.11" (53.6)

Connector	
A	3.73" (94.7)
B	1.80" (45.7)
C	2.11" (53.6)



	Single Receptacle	Flanged Devices
A	3.28" (83.3)	3.06" (77.7)
B	2.38" (60.5)	120°
C	1.56" (39.6)	2.68" (68.1)
D	1.71" (43.4)	2.27" (57.7)
E	2.50" (63.5)	2.23" (56.6)
F	1.14" (29.0)	(3) 0.19" (4.8)





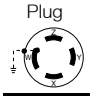
30A 125/250V, 250V AC and 3ØY 120/208V AC Locking Devices, Grounding and Non-Grounding Inches (mm)

3331

3333

3330

3430BRY

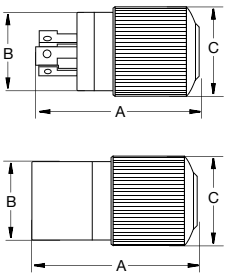
Rating	Poles/ Wires	Cord Diameter	Description	Triple Gripper Nylon Plug	Triple Gripper Nylon Connector	Single Receptacle Back and Side Wired All Black Urea
30A 125/250V AC, Non-Grounding Plug Connector	3-Pole 3-Wire	.300"-.950" (7.6-24.1)	Black/White	**3331**	**3333**	**3330**
30A 250V AC, Grounding Plug Connector	2-Pole 3-Wire		All Black	—	—	**3330G***
30A 3ØY 120/208V, Non-Grounding Plug Connector	4-Pole 4-Wire	.625"-1.150" (15.9-29.2)	Black/White	**3431**	**3433**	**3430BRY**
30A 250V AC, Grounding Plug  Connector	3-Pole 4-Wire		All Black	—	—	**3430G***

*Note: **Rating Change:** Effective July 1, 1981, the ratings of devices listed on this page were changed from 30 Amp 250V to 30 Amp 125/250V in order to comply with Underwriters Laboratories' requirements. Note that although the voltage rating has changed, the configuration will remain the same. Suffix "G" devices are intended for equipment grounding applications and formerly complied with UL Standards. However, due to revisions of these Standards, suffix "G" devices are no longer UL Listed. Devices listed on this page are intended for replacement use only. For new installations, refer to the NEMA configuration chart on page G-2 for your particular current and voltage requirements. **CAUTION:** To Avoid Electric Shock-Review premises carefully and do not use if slot or blade configuration (design) is already in a circuit having a rating differing from the rating of this device.*
See page G-20 for weather protective boots for 30 amp nylon locking plugs.
**Not UL Listed. For Replacement use only.*

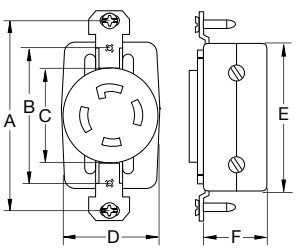
Product Dimensions Inches (mm)

Plug	
A	2.85" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

Connector	
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



Single Receptacle	
A	3.28" (83.3)
B	2.38" (60.5)
C	1.56" (39.6)
D	1.71" (43.4)
E	2.50" (63.5)
F	1.20" (30.5)



20 Amp Pool Pump Kit

- Tinted lid is aesthetically pleasing in any location
- High-impact, polycarbonate standard while-in-use cover will not rust or corrode, cover is NEMA 3R rated
- Compact 2-gang design
- Locking receptacle prevents unintentional disconnection of mating pump plug

Description	Rating	Receptacle	Poles/Wires	Catalog Number
Pump Kit Contains: • Heavy duty, industrial grade locking receptacle • Single pole or double pole switch (20A 120-277V AC) • Two-gang, 2 inch deep die-cast aluminum weatherproof box with (4) ¾ inch threaded outlets • Two-gang, weatherproof while-in-use cover • Includes mounting hardware, gasket, wire connector and (3) closure plugs • Complete assembly instructions	NEMA L5-20, 20A 125V Grounding		2-Pole 3-Wire	**PKL520**

20 Amp Generator Power Connection Kit

- Deep weatherproof box gives installers the room needed to wire the box efficiently
- State-of-the-art powder-coated finish provides years of protection against the elements
- Installation hardware, gasket and ground screw are provided
- Male inlet is securely mounted to the cover for additional durability

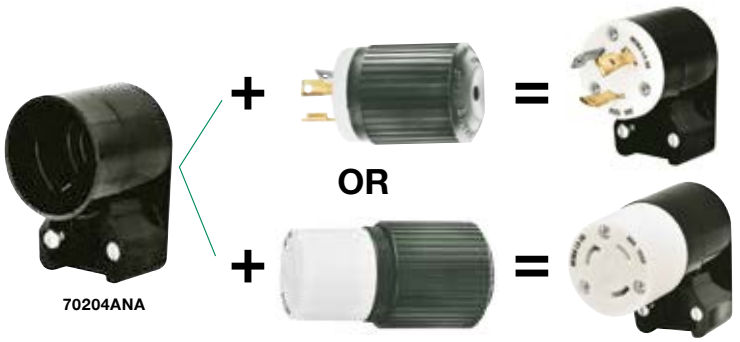
Description	Rating	Receptacle	Poles/Wires	Catalog Number
Generator Power Kit Contains: • Heavy duty industrial grade male base integrated with cast aluminum weatherproof cover • Single-gang, 2 inch deep cast aluminum box • Mounting hardware, grounding screw and gasket	NEMA L14-30, 30A 125/250V		3-Pole 4-Wire	**RB58405**

Specifications are subject to change without notice.

Locking Devices

Angle Adapters for 20 and 30 Amp Locking Plugs and Connectors

- Nylon angle adapters convert 20 and 30 amp nylon locking plugs/connectors into space-saving angle devices
- Adapters permit wire to exit parallel to the receptacle, eliminating space needed for wire to bend



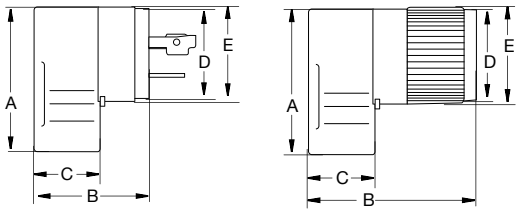
70204ANA

Triple Gripper® Angle Adapters Inches (mm)

Description	Cord Grip	Catalog Number
Angle adapter, black nylon	.500"-1.00" (12.7-25.4)	**70204ANA**

Product Dimensions Inches (mm)

	Adapter with Plug
A	2.88" (73.2)
B	2.25" (57.2) Plug 3.35" (85.1) Connector
C	1.33" (33.8)
D	1.86" (47.2)
E	1.80" (45.7)



PLUGBOX® Lockout Devices

- PLUGBOX® devices provide an assured method of complying with OSHA lockout/tagout regulation
- Protect against unexpected start-up of equipment during maintenance and repair work
- Discourages unauthorized use of tools and equipment
- UV stabilized polypropylene housing
- High visibility red for easy identification

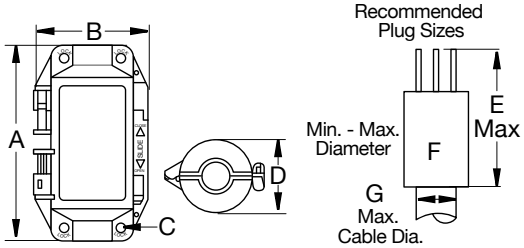
BLDMP BLD BLD2

PLUGBOX® Lockout Devices

	Accomodates						
	15 Amp up to 277V Rating		20 Amp		30 Amp		50 Amp
	3-Wire	2- and 3-Wire	3-Wire	4- and 5-Wire	4- and 5-Wire		3- and 4-Wire
Description	Locking Molded-On Plugs	Locking Plugs	Power Interrupting Plugs	NEMA and Non-NEMA Locking Plugs	NEMA and Non-NEMA Locking Plugs	Power Interrupting Plugs	Locking Plugs
Red polypropylene	**BLDMP**	**BLD**	**BLD**	**BLD**	**BLD**	**BLD2**	**BLD2**

Product Dimensions Inches (mm)

	BLDMP	BLD	BLD2
A	4.22" (107.2)	7.27" (184.7)	12.51" (317.8)
B	3.14" (79.8)	4.27" (108.5)	6.31" (160.3)
C	(2) 0.32" (8.1)	(4) 0.39" (9.9)	(4) 0.39" (9.9)
D	2.57" (65.3)	3.10" (78.7)	5.00" (127.0)
E	3.70" (94.0)	4.75" (120.7)	10.15" (257.8)
F	0.79"-1.73" (20.1-43.9)	1.50"-2.75" (38.1-69.9)	1.90"-4.50" (48.3-114.3)
G	0.64" (16.3)	1.11" (28.2)	1.45" (36.8)



- For use with Bryant Tech-Spec® locking plugs and connectors
- Help prevent moisture, dust and other contaminants from infiltrating plugs and connectors
- Thermoplastic elastomer construction in high visibility yellow or standard black
- Excellent ozone and weather resistance and resistant to deterioration by oils and heat
- Connector sealing ring provides extra protection when plug and connector are not mated

Weather Protective Boots

5200BPB

72002BP

5200BPC

7717B

5200BSRB

72002BSR

Description	For use with	Color	For Use with Plugs	For Use with Connectors	Sealing Cap for Use with Connector Boot
Thermoplastic elastomer boot	10 and 15 amp nylon locking, 15 and 20 amp straight blade devices	Black Yellow	**5200BPB** **5200BP**	**5200BCB** **5200BC**	**5200BSRB** **5200BSR**
	7465N plug when used with 7464N connector or 7468N female equipment receptacle, also for use with connector when used with 7466N male base	Black	**7460BP**	—	—
	7464N connector when used with 7465N plug	Black	—	**7460BC**	—
Neoprene boot	15 amp 2-pole 2-wire and midget locking nylon plugs and connectors, NEMA L1-15, ML-2 and ML-3	Yellow	**7400BCR**	**7400BCR**	—
	20 and 30 amp nylon locking plugs	Black Yellow	**72002BPB** **72002BP**	**72002BCB** **72002BC**	— **72002BSR**
Elastomer boot	50 amp plugs when used in a cord set and connectors when used with flanged inlet	Black	**7716B**	**7717B**	—

Adapter Sleeves

5200S

9700S

Description	Color	Catalog Number	Catalog Number
Rubber adapter sleeve, strain relief for use with 2-pole 2-wire straight blade nylon plugs and connectors, NEMA 1-15, ML-2 and ML-3	Black White	**5200S** —	— **9700S**

50A 125V, 250V, 480V, 125/250V, 3Ø 250V AC and 3Ø 480V AC Locking Devices, 2-Pole 3-Wire and 3-Pole 4-Wire Grounding Inches (mm)

CS6365L

CS6365

CS6364L

CS6364

CS6375L

CS6375A

CS6375LC

CS6369L

CS6369A

Rating	Poles/ Wires	Cord Diameter	Description	Plug	Connector	Flanged Devices: Male	Flanged Devices: Male with Cover	Single Armored Receptacle
50A 125/250V AC Plug Connector	3-Pole 4-Wire	.65"-1.20" (16.5-30.5)	Black Nylon	**CS6365L**	**CS6364L**	**CS6375L**	**CS6375LC**	**CS6369L**
	3-Pole 4-Wire	.830"-1.250" (21.1-31.8)	Heavy Duty Black Steel Casing	**CS6365**	**CS6364**	—	—	**CS6369A**
				—	—	**CS6375A**	—	—
50A 3Ø 250V AC Plug Connector	3-Pole 4-Wire	.65"-1.20" (16.5-30.5)	Black Nylon	**CS8365L**	**CS8364L**	**CS8375L**	**CS8375LC**	**CS8369L**
	3-Pole 4-Wire	.830"-1.250" (21.1-31.8)	Heavy Duty Black	**CS8365**	**CS8364**	—	—	**CS8369A**
			Steel Casing	—	—	**CS8375A**	—	—
			Steel Casting with Weatherproof Cover Plate	—	—	**CS8375MBWP**	—	—
50A 3Ø 480V AC Plug Connector	3-Pole 4-Wire	.830"-1.250" (21.1-31.8)	Heavy Duty Black	**CS8165**	**CS8164**	—	—	**CS8169A**
			Steel Casing	—	—	**CS8175A**	—	—
50A 125V AC Plug Connector	2-Pole 3-Wire	.830"-1.250" (21.1-31.8)	Heavy Duty Black	**CS6361**	**CS6360**	**CS6377A**	—	**CS6370A**
50A 250V AC Plug Connector	2-Pole 3-Wire	.830"-1.250" (21.1-31.8)	Heavy Duty Black	**CS8265**	**CS8264**	**CS8275A**	—	**CS8269A**
50A 480V AC Plug Connector	2-Pole 3-Wire	.830"-1.250" (21.1-31.8)	Heavy Duty Black	**CS8465**	**CS8464**	**CS8475A**	—	**CS8469A**

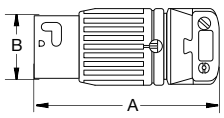
Note: See page G-23 for weather protective boots and accessories.

Product Dimensions Inches (mm)

	Plug	
	CS6365L	CS6365
A	5.80" (147)	6.38 (162.1)
B	2.40" (61)	2.56 (65.0)

	Connector	
	CS6364L	CS6364
A	5.50" (140)	6.50 (165.1)
B	2.40" (61)	2.56 (65.0)
C	—	0.62 (15.7)

	Single Receptacle		Flanged Devices	
	CS6369L	CS6369	CS6375L	CS6375
A	3.30" (84.0)	3.28" (83.3)	—	3.50" (88.9)
B	2.70" (69.0)	—	2.10" (53.0)	2.12" (53.8)
C	2.10" (53.0)	2.12" (53.8)	2.70" (69.0)	2.77" (70.4)
D	2.40" (61.0)	2.44" (62.0)	2.20" (56.0)	2.17" (55.1)
E	1.10" (25.0)	1.03" (26.2)	0.19" (4.8)	0.19" (4.8)
F	2.10" (53.0)	2.69" (68.3)	—	—
G	—	0.62" (15.7)	—	—



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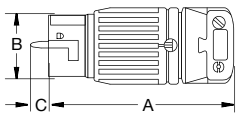

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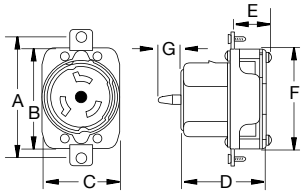

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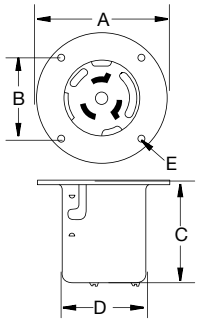


CS6375

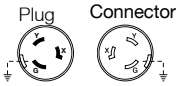
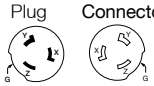
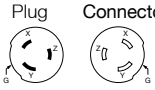
50A 250V DC 600V DC Locking Devices, 2-Pole 3-Wire and 3-Pole 4-Wire Grounding Inches (mm)

3765

3764

3768

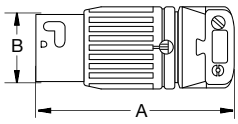
3769

Rating	Poles/ Wires	Cord Diameter	Description	Plug	Connector	Male Flanged Devices with Lift Cover and Gasket	Receptacle Single Armored
50A 250V DC, 600V AC	2-Pole 3-Wire	.830"-1.250" (21.1-31.8)	Heavy duty Black	**3763***	**3762***	—	**3771***
Plug Connector 			Steel Casing	—	—	**3767***	—
50A 250V DC, 600V AC	3-Pole 4-Wire	.830"-1.250" (21.1-31.8)	Heavy duty Black	**3765***	**3764***	—	**3769***
Plug Connector 			Steel Casing	—	—	**3768***	—
50A 250V DC, 600V AC	3-Pole 4-Wire	.830"-1.250" (21.1-31.8)	Heavy duty Black	**7765****	**7764****	—	**7379****
Plug Connector 			Steel Casing	—	—	**7968****	—

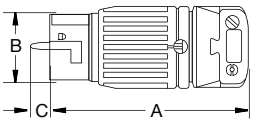
*Note: *These devices are not interchangeable with other 50 amp configurations listed in this catalog.*
***These devices are intended for replacement use only in existing installations. We recommend that they not be used in new installations.*
See page G-23 for weather protective boots and accessories.

Product Dimensions Inches (mm)

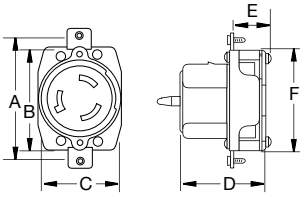
	Plug	Connector	Single Receptacle	Flanged Devices
A	5.38" (162.1)	6.50" (165.1)	3.28" (83.3)	3.50" (88.9)
B	2.56" (65.0)	2.56" (65.0)	—	2.12" (53.8) SQ.
C	—	—	2.12" (53.8)	2.17" (55.1)
D	—	—	2.44" (62.0)	2.77" (70.4)
E	—	—	1.03" (26.2)	0.75" (19.1)
F	—	—	2.69" (68.3)	0.19" (4.8) Dia.



CS6365



CS6364



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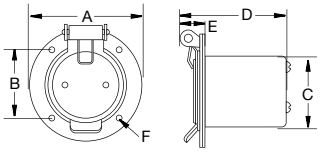


3767

Wallplates and Weather Protective Plates for 50 Amp Receptacles

SS750

7382

7383

Stainless Steel 302/304	Aluminum Plate	
1-Gang	With Cover	Without Cover
SS750	**7382**	**7383**

Weatherproof Plates for 50 Amp Receptacles

7774CR

7770

7780

Weather Protective Plate		
For use with Receptacles Fits FS/FD Boxes	Die Cast Aluminum Vertical Mount Cover	For use wirh Male Base Flanged Devices
7774CR	**7770**	**7780**

Weather Protective Boots

7761B

7717B

7716B

For use with Cordsets		For use with Flanged Inlets
Plug	Connector	Connector
7716B	**7717B**	**7716B**

Note: *Boots are not UL Listed or CSA Certified.*

- Three-piece thermoplastic clamp assembly with fast-lead stainless screws provides a more consistent durable grip
- Superior wire terminations are assured with box terminals and screws with pressure pads
- No “lazy” connections because a spring-loaded safety shutter automatically ejects the plug if it hasn’t been properly locked into the female device
- Insulated non-metallic housing enhances safety and resistance to impact
- Positive locking is ensured by the nose of the plug being keyed into a detent in female device

20A 125V AC or DC, 10A 250V DC, 480V AC, 2-Pole 3-Wire and 3-Pole 3-Wire Inches (mm)

23005G

23002G

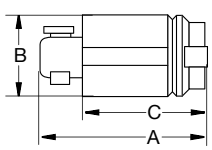
23000G

Rating	Poles/ Wires	Cord Diameter	Description	Clamp-Type Terminals		Single Receptacle, Back Wired
				Nylon Plug	Nylon Connector	
20A 125V AC or DC, 10A 250V DC, 480V AC, Grounding	2-Pole 3-Wire	.320"-.660" (8.1-16.8)	Black/White	**23005G***	**23002G***	—
Plug Connector			Black Phenolic	—	—	**23000G***
20A 125V AC or DC, 10A 250V DC, 480V AC, Non-Grounding	3-Pole 3-Wire	.320"-.660" (8.1-16.8)	Black/White	**23005**	—	—
Plug						

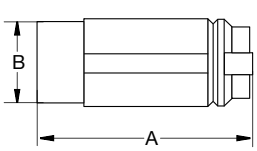
*Note: *These devices are not UL Listed and are for replacement use only in existing installations.*
See page G-27 for weather protective boots and accessories.

Product Dimensions Inches (mm)

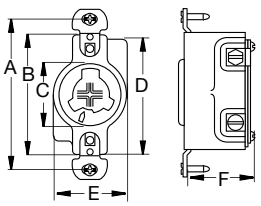
	Plug	Connector	Single Receptacle
A	3.56" (90.4)	3.22" (81.8)	3.28" (83.3)
B	1.62" (41.4)	1.72" (43.7)	2.38" (60.5)
C	—	2.31" (58.7)	1.38" (35.1)
D	—	—	2.50" (63.5)
E	—	—	1.62" (41.4)
F	—	—	1.47" (37.3)



23005G



23002G



23000G

30A 600V AC and 250V DC, 3-Pole 4-Wire and 4-Pole 5-Wire Grounding Inches (mm)

21415

21414

25415

25414

20418

21420

20403

25403

25250

Rating	Poles/ Wires	Cord Diameter	Description	Plug	Connector	Flanged Devices Cast Aluminum Male	Flanged Devices Cast Aluminum Female	Single Receptacle
30A 600V AC, 20A 250V DC Plug Connector	3-Pole 4-Wire	.700"-1.20" (17.8-30.5)	Black nylon with cord grip	**21415**	**21414**	—	—	—
			For F.S. and F.D. boxes	—	—	**20418**	—	**20403**
			Cast aluminum angle housing with ¾ in. NPT hub	—	—	**21447**	**21420**	—
30A 600V AC, 20A 250V DC Plug Connector	4-Pole 5-Wire	.700"-1.20" (17.8-30.5)	Black nylon with cord grip	**25415**	**25414**	—	—	—
			Metal housing for F.S. and F.D. boxes, Blue finish	—	—	—	—	**25403**
			Aluminum weather protective housing/cover for F.S. and F.D. boxes, Blue finish	—	—	—	—	**25250**

Note: See page G-27 for weather protective boots and accessories.

Product Dimensions Inches (mm)

3-Pole 4-Wire Devices

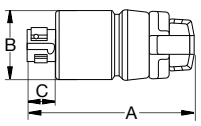
	Plug	Connector	Single Receptacle
A	5.62" (142.7)	6.00" (152.4)	3.28" (83.3)
B	2.33" (59.2)	2.44" (62.0)	1.94" (49.3)
C	0.94" (23.9)	—	1.75" (44.5)
D	—	—	1.22" (31.0)

4-Pole 5-Wire Devices

	Plug	Connector	Single Receptacle
A	6.56" (166.6)	6.78" (172.2)	4.56" (115.8)
B	2.25" (57.2)	2.69" (68.3)	3.25" (82.6)
C	2.50" (63.5)	2.50" (63.5)	2.84" (72.1)
D	0.05" (1.3)	—	1.88" (47.8)
E	—	—	1.25" (31.8)
F	—	—	1.69" (42.9)

Flanged Inlets

	Male	Angled Housing
A	4.56" (115.8)	5.94" (151.0)
B	3.25" (82.6)	3.25" (82.6)
C	2.84" (72.1)	5.09" (129.3)
D	1.88" (47.8)	1.50" (38.1)
E	2.41" (61.2)	2.19" (55.6)
F	1.81" (46.0)	3.25" (82.6)
G	—	3.06" (77.7)
H	—	2.25" (57.2)



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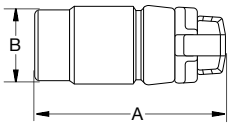

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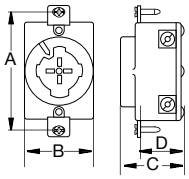

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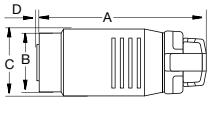

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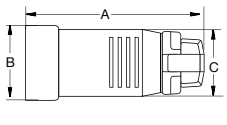

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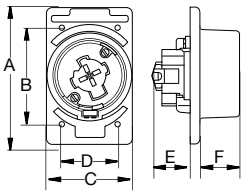

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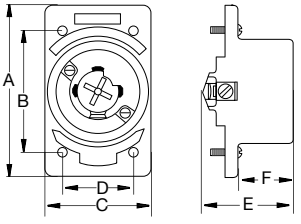

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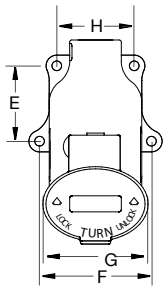
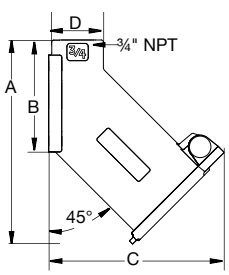




21420

60A 600V AC, 3-Pole 4-Wire and 4-Pole 5-Wire Grounding Inches (mm)

26419

26418

26519

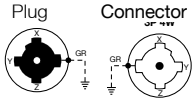
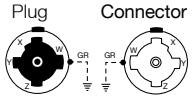
26516

26422

26521

26410

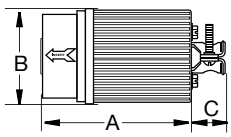
26520

Rating	Poles/ Wires	Cord Diameter	Description	Plug	Connector	Flanged Devices Cast Aluminum Male	Flanged Devices Cast Aluminum Female	Receptacle
60A 600V AC, Grounding	3-Pole 4-Wire	.920"-1.450" (23.4-36.8)	Yellow polycarbonate outer cover and adjustable cord grip	**26419**	**26418**	—	—	—
Plug Connector 			Black phenolic with short aluminum housing and lift cover	—	—	—	—	**26410**
			Steel housing	—	—	**26422**	**26421**	—
60A 600V AC, Grounding	4-Pole 5-Wire	.920"-1.450" (23.4-36.8)	Blue polycarbonate outer cover and adjustable cord grip	**26519**	**26516**	—	—	—
Plug Connector 			Black phenolic with long aluminum housing and lift cover	—	—	—	—	**26520**
			Steel housing	—	—	**26522**	**26521**	—

Note: See page G-27 for weather protective boots and accessories.

Product Dimensions Inches (mm)

	Plug	Connector	Single Receptacle
A	3.56" (90.4)	5.43" (137.9)	4.62" (116.8)
B	3.03" (76.9)	3.18" (80.8)	2.87" (72.8)
C	1.09" (27.6)	1.09" (27.6)	3.50" (88.9)
D	—	—	3.57" (90.6)
E	—	—	1.84" (46.7)
F	—	—	3.26" (82.8)
G	—	—	2.56" (65.0)



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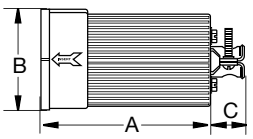

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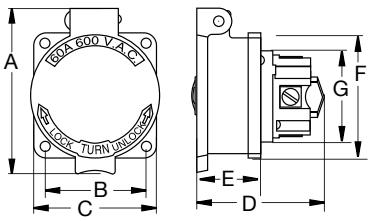
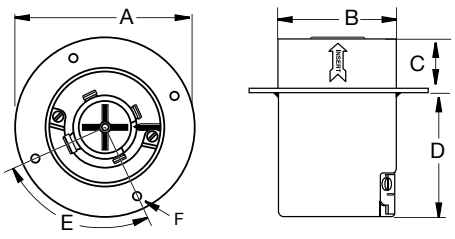


26410

	Flanged Inlets Male	Flanged Inlets Female
A	4.12" (104.6)	4.12" (104.6)
B	2.70" (68.6)	2.88" (73.0)
C	1.20" (30.5)	1.20" (30.5)
D	2.75" (69.9)	3.33" (84.5)
E	90˚	90˚
F	0.19" (4.8)	0.19" (4.8)



26422

20A Power Interrupting Accessories Inches (mm)

SS7

SB7

NP7BK

23007

7418B

20424

20425

Single Gang 1.40" (35.6) Opening			Receptacle Plates, Cast Aluminum		"Mini" Weather Protective Boots	
Stainless Steel, Type 302/304	Brass	Black Nylon	With Lift Cover, Indoor Use Box Mount	Weather Protective with Cover F.S. Box Mount	Female Connector	Male Plug
SS7	**SB7**	**NP7BK**	**23007**	**7418B**	**20424****	**20425****

30A Power Interrupting Accessories

SAB12A

SAB34A

20405

20406

20424

20425

Liquid-Tight Metallic Conduit Adapters for Use with Plugs and Connectors		Receptacle Plates, Cast Aluminum		"Mini" Weather Protective Boots	
With ½ in. conduit	With ¾ in. conduit	Weather Protective Plate for Wet Locations with Cover Closed	No Lift Cover	Female Connector	Male Plug
SAB12A*	**SAB34A***	**20405**	**20406**	**20424****	**20425****

*Note: *Not CSA Certified.*
***Boots are not UL Listed or CSA Certified.*
Boots are not available for 5-wire 30 amp power interrupting plugs and connectors.

60A Power Interrupting Accessories

26401

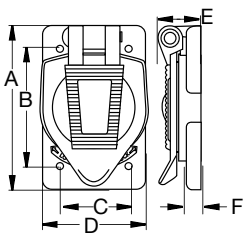
26402

26404

Single Receptacle Accessories Box and Adapters (Box requires one adapter), Cast Aluminum		
Box	Straight Adapter Plate	45° Angle Adapter Plate
26401	**26402**	**26404**

Product Dimensions Inches (mm)

	Receptacle Plates		
	Cover	No Cover	Box
A	4.56" (115.8)	4.56" (115.8)	4.59" (116.5)
B	3.25" (82.6)	3.25" (82.6)	3.87" (98.2)
C	2.84" (72.1)	2.84" (72.1)	2.71" (68.8)
D	1.88" (47.8)	1.88" (47.8)	1.31" (33.3)
E	1.16" (29.5)	0.59" (15.0)	1½" NPT TAP
F	0.38" (9.7)	0.38" (9.7)	—



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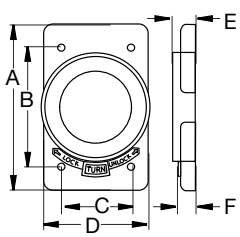

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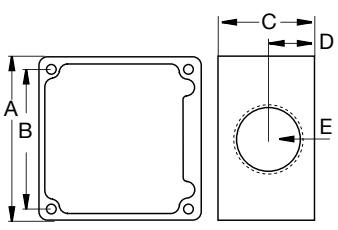

26401

Locking Plug and Connector

Description

Manufacturer's Identification - Bryant 70520NP and 70520NC

Description - Heavy duty locking plug and connector

Type - 2-pole, 3-wire, grounding

Rating - 20A 125V, NEMA L5-20

Certification

UL Listed Standard 498 (attachment plug and receptacles)

Certified to CSA Standard C22.2 No. 42 (general use receptacles, attachment plugs and similar devices) and C22.2 No. 182.2 (industrial locking type, special use attachment plugs, receptacles and connectors) where applicable

UL Listed, Guide AXUT

CSA Certified, Guide 20T2

Federal Specifications WC596 (where applicable)

Complies with NEMA® standards WD-1, WD-6 and UL-498

Material

Components	Materials
Face/terminal assembly	Nylon
Cover (housing)	Toughened nylon
Terminal cover	Clear polycarbonate
Cord grip assembly	Impact modified nylon
Plug blades	Brass (neutral blade nickel-plated)
Connector contacts	High performance copper alloy
Terminal clamp nut	Zinc-plated steel
Terminal screws	#10-32 brass, silver finish (neutral screw), green finish (grounding screw)
Assembly screws	Zinc-plated steel

Performance Inches (mm)

Electrical	
Dielectric voltage	Withstands 3500V per UL498
Max. working voltage	600V AC 250V DC
Current interrupting	Certified for current interrupting at full rated current
Temperature rise	Maximum 30° temperature rise at full rated current after 50 cycles overload at 150% rated current for either AC or DC applications per UL498
Mechanical	
Terminal identification	(X, Y, Z brass, hot) (G, green, grounding) (W, silver, neutral)
Terminal accommodation	#18-8 AWG flexible cord
Product identification	Ratings and NEMA identification are permanently marked on device
Cord grip range	3-wire .30"-.95" (7.6-24.1mm), 4-, 5-wire .47"-1.15" (11.8-29.2mm)
Environmental	
Flammability	HB or better per UL 94 or CSA 22.2 No. 17
Operating temperatures	Maximum continuous 60°C, minimum -40°C without impact

Locking Receptacle

Description

Manufacturer's Identification - Bryant 70520FR

Description - Heavy duty locking receptacle

Type - 2-pole, 3-wire, grounding

Rating - 20A 125V, NEMA L5-20

Certification

UL Listed Standard 498 (attachment plug and receptacles)

Certified to CSA Standard C22.2 No. 42 (general use receptacles, attachment plugs and similar devices) and C22.2 No. 182.2 (industrial locking type, special use attachment plugs, receptacles and connectors) where applicable

UL Listed, Guide RTRT

CSA Certified, Guide 365-E-1

Federal Specifications WC596 (where applicable)

Complies with NEMA® standards WD-1, WD-6

Material Inches (mm)

Components	Materials
Base	Reinforced thermoplastic polyester
Face	Nylon
Terminal contacts	.040" (1.0) copper alloy
Terminal clamp	.040" (1.0) copper alloy
Ground contact (5-wire)	.040" (1.0) copper alloy
Ground shunt	.015" (.3) copper alloy
Mounting straps	.050" (1.3) steel (nickel-plated)
Back plate	.040" (1.0) plated copper alloy
Terminal screws	#10 brass
Self-grounding clip	Stainless steel (IG and 4-pole, 4-wire receptacles)
Mounting screws	Plated steel

Performance

Electrical	
Dielectric voltage	Withstands 2,000V minimum
Max. working voltage	250V
Current interrupting	Certified for current interrupting at full rated current
Temperature rise	Max 30°C temperature rise at full rated current after 50 cycles of overload at 150% of rated direct current
Mechanical	
Terminal identification	Terminals identified in accordance with UL 498 (brass, white, green)
Terminal accommodation	#14-10 AWG (solid or stranded) copper conductor only
Product identification	Ratings are a permanent part of the device
Environmental	
Flammability	Top: UL 94 V2., Base: UL 94 V2
Operating temperatures	Maximum continuous 60°C, minimum -40°C without impact

NEMA® is a registered trademark of the National Electrical Manufacturers Association.

Section H
Watertight Products

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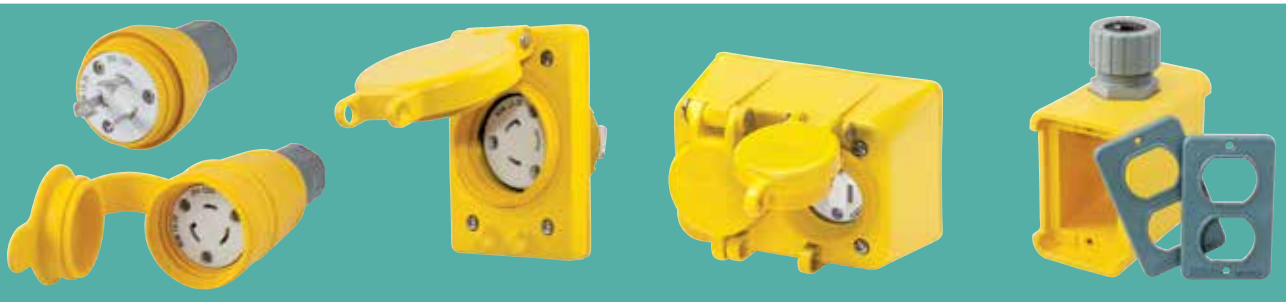
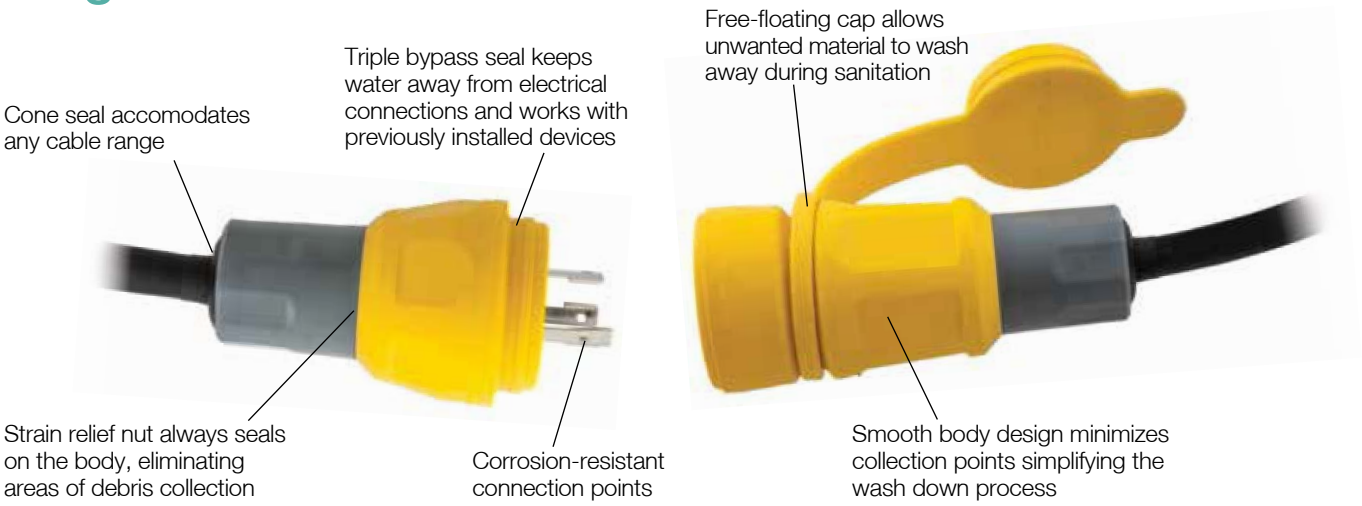
Weather Protective Lift Covers, Portable Outlet Boxes and Plates
Lift Covers, Portable Outlets and Plates. H-9

Technical Information
Watertight Straight Blade and Locking H-10

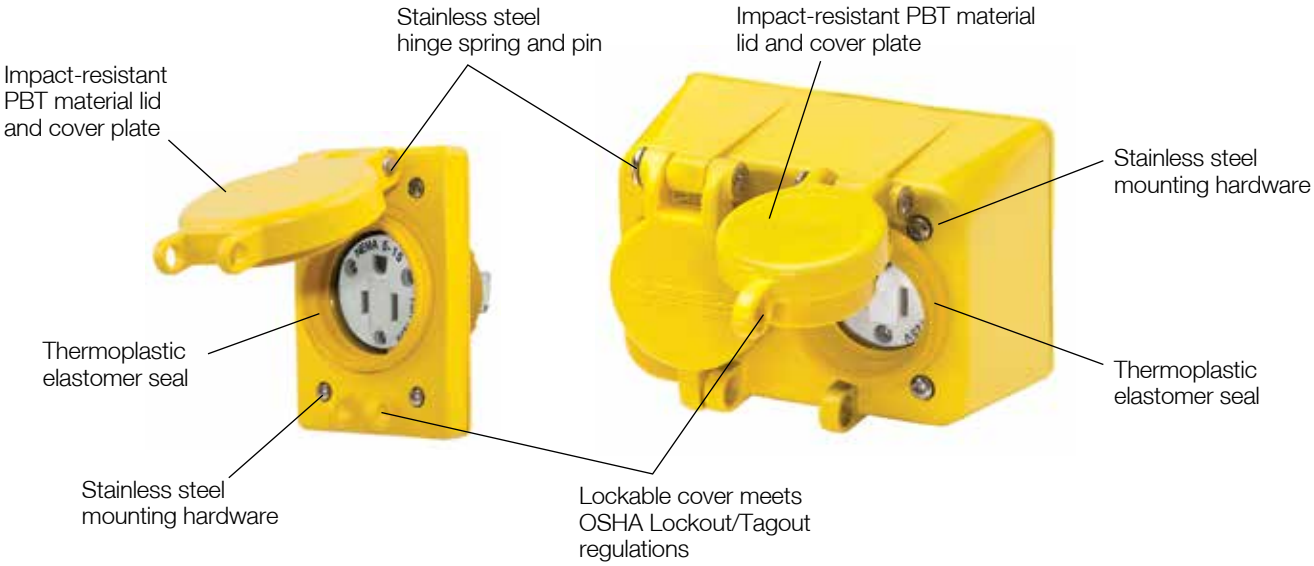


Features

Plugs and Connectors



Receptacles with Covers



Gotcha® is a registered trademark of Hubbell, inc.

15A and 20A Straight Blade Plugs, Connectors and Receptacles Inches (mm)

UL Type 4, 4X, 6P

IP65, 66, 67
SUITABILITY

BRY14W47 BRY15W47 BRY60W47 BRY60W47D

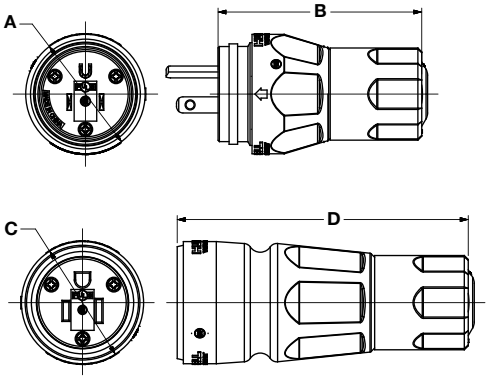
Rating	Poles/ Wires	Cord Diameter	Color	Thermoplastic Elastomer			
				Plug	Connector	Receptacle	Duplex Receptacle
NEMA 5-15, 15A 125V Plug Connector	2-Pole 3-Wire	.325"-.625" (8.3-15.9)	Yellow Black	**BRY14W47** **BRY14W47BK**	**BRY15W47** **BRY15W47BK**	**BRY60W47** —	**BRY60W47D** —
NEMA 6-15, 15A 250V Plug Connector	2-Pole 3-Wire	.325"-.625" (8.3-15.9)	Yellow	**BRY14W49**	**BRY15W49**	**BRY60W49**	**BRY60W49D**
NEMA 5-20, 20A 125V Plug Connector	2-Pole 3-Wire	.325"-.625" (8.3-15.9)	Yellow	**BRY14W33**	**BRY15W33**	**BRY60W33**	**BRY60W33D**
NEMA 6-20, 20A 250V Plug Connector	2-Pole 3-Wire	.325"-.625" (8.3-15.9)	Yellow	**BRY14W48**	**BRY15W48**	**BRY60W48**	**BRY60W48D**

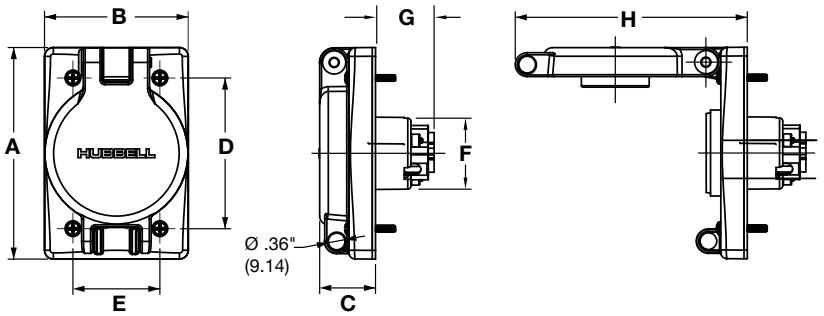
Note: Black devices are available, consult factory.

Product Dimensions Inches (mm)

		15A and 20A Straight Blade
Plugs	A	1.85" (47.07)
	B	3.16" (80.27)
Connectors	C	1.85" (47.07)
	D	4.42" (112.14)

	15A and 20A Straight Blade Receptacles
A	4.56" (115.9)
B	3.10" (78.7)
C	1.20" (30.6)
D	3.25" (82.6)
E	1.88" (47.6)
F	1.26" (32.0)
G	1.63" (41.4)
H	5.00" (127.0)





15A Locking Plugs, Connectors and Receptacles Inches (mm)

UL Type 4, 4X, 6P

IP65, 66, 67
SUITABILITY

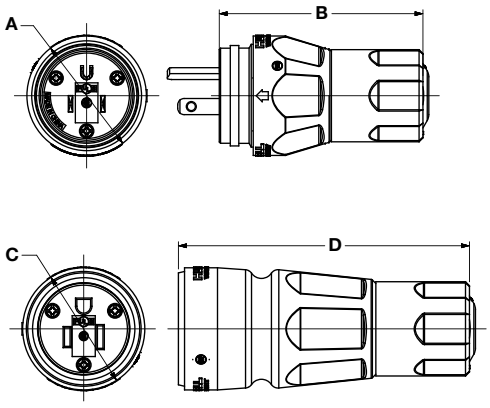
Rating	Poles/ Wires	Cord Diameter	Color	Thermoplastic Elastomer			
				Plug	Connector	Receptacle	Duplex Receptacle
NEMA L5-15, 15A 125V Plug Connector	2-Pole 3-Wire	.300"-.625" (7.6-15.9)	Yellow Black	**BRY24W47 BRY24W47BK**	**BRY25W47 BRY25W47BK**	**BRY65W47** —	**BRY65W47D** —
NEMA L6-15, 15A 250V Plug Connector	2-Pole 3-Wire	.300"-.625" (7.6-15.9)	Yellow	**BRY24W49**	**BRY25W49**	**BRY65W49**	**BRY65W49D**
NEMA L7-15, 15A 277V AC Plug Connector	2-Pole 3-Wire	.300"-.625" (7.6-15.9)	Yellow	**BRY24W34**	**BRY25W34**	**BRY65W34**	**BRY65W34D**

Note: Black devices are available, consult factory.

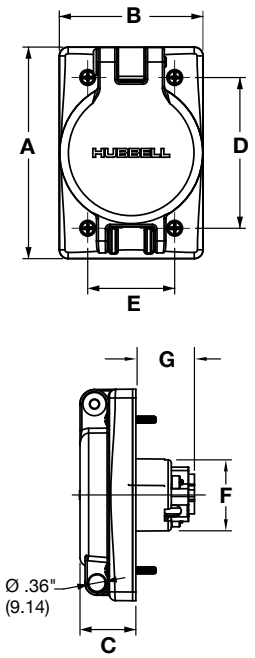
Product Dimensions Inches (mm)

		15A Locking	20A Locking	30A Locking
Plugs	A	1.85" (47.07)	2.51" (63.70)	2.77" (70.41)
	B	3.21" (81.46)	3.96" (100.69)	3.94" (99.98)
Connectors	C	1.85" (47.07)	2.51" (63.70)	2.77" (70.41)
	D	4.62" (117.22)	5.69" (144.55)	5.67" (144.00)

Note: For BRY26W09 and BRY27W09 use 20 amp locking dimensions.



15A and 20A Straight Blade Receptacles	
A	4.56" (115.9)
B	3.10" (78.7)
C	1.20" (30.6)
D	3.25" (82.6)
E	1.88" (47.6)
F	1.26" (32.0)
G	1.63" (41.4)
15A Locking	
F	1.46" (37.1)
G	1.63" (41.4)
20A and 30A Locking	
F	1.72" (43.7)
G	2.25" (57.2)
20A Locking Non-NEMA	
F	2.26" (57.4)
G	2.25" (57.2)
30A Locking Non-NEMA	
F	1.97" (50.0)
G	2.25" (57.2)



20A Locking Plugs, Connectors and Receptacles Inches (mm)

UL Type 4, 4X, 6P

IP65, 66, 67
SUITABILITY

BRY26W47

BRY27W47

BRY67W48

Rating	Poles/ Wires	Cord Diameter	Color	Thermoplastic Elastomer		
				Plug	Connector	Receptacle
NEMA L5-20, 20A 125V Plug Connector	2-Pole 3-Wire	.325"-.750" (8.3-19.1)	Yellow Black	**BRY26W47** **BRY26W47BK**	**BRY27W47** **BRY27W47BK**	**BRY67W47** **—**
NEMA L6-20, 20A 250V Plug Connector	2-Pole 3-Wire	.325"-.750" (8.3-19.1)	Yellow	**BRY26W48**	**BRY27W48**	**BRY67W48**
NEMA L7-20, 20A 277V AC Plug Connector	2-Pole 3-Wire	.325"-.750" (8.3-19.1)	Yellow	**BRY26W49**	**BRY27W49**	**BRY67W49**
NEMA L14-20, 20A 125/250V AC Plug Connector	3-Pole 4-Wire	.325"-.875" (8.3-22.2)	Yellow	**BRY26W74**	**BRY27W74**	**BRY67W74**
NEMA L15-20, 20A 3Ø 250V AC Plug Connector	3-Pole 4-Wire	.325"-.875" (8.3-22.2)	Yellow Black	**BRY26W75** **BRY26W75BK**	**BRY27W75** **BRY27W75BK**	**BRY67W75** **—**
NEMA L16-20, 20A 3Ø 480V AC Plug Connector	3-Pole 4-Wire	.325"-.875" (8.3-22.2)	Yellow Black	**BRY26W76** **BRY26W76BK**	**BRY27W76** **BRY27W76BK**	**BRY67W76** **—**
20A 125/250V, Non-NEMA Plug Connector	3-Pole 3-Wire	.325"-.875" (8.3-22.2)	Yellow	**BRY26W08**	**BRY27W08**	**BRY67W08**
20A 3ØY 120/208V AC Non-NEMA Plug Connector	4-Pole 4-Wire	.375"-1.125" (9.5-28.6)	Yellow	**BRY26W09**	**BRY27W09**	**BRY67W09**

Note: Black devices are available, consult factory.
See page H-4 for product dimensions.

30A Locking Plugs, Connectors and Receptacles Inches (mm)

UL Type 4, 4X, 6P

IP65, 66, 67
SUITABILITY

BRY28W47

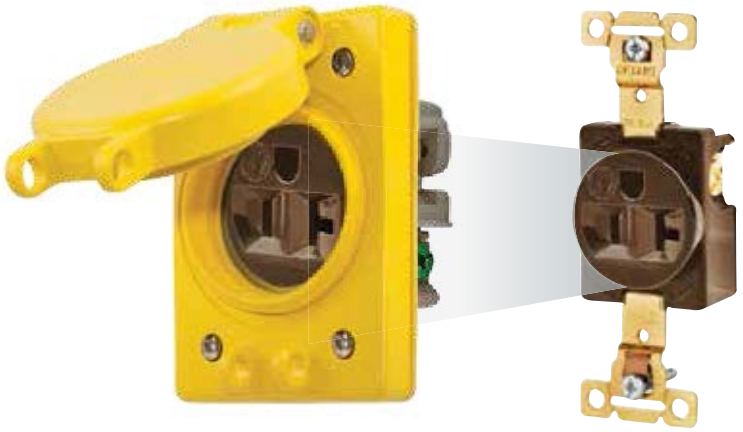
BRY29W47

BRY69W47

Rating	Poles/ Wires	Cord Diameter	Color	Thermoplastic elastomer		
				Plug	Connector	Receptacle
NEMA L5-30, 30A 125V Plug Connector	2-Pole 3-Wire	.385"-.930" (9.8-23.6)	Yellow Black	**BRY28W47** **BRY28W47BK**	**BRY29W47** **BRY29W47BK**	**BRY69W47** —
NEMA L6-30, 30A 250V Plug Connector	2-Pole 3-Wire	.385"-.930" (9.8-23.6)	Yellow	**BRY28W48**	**BRY29W48**	**BRY69W48**
NEMA L7-30, 30A 277V Plug Connector	2-Pole 3-Wire	.385"-.930" (9.8-23.6)	Yellow	**BRY28W49**	**BRY29W49**	**BRY69W49**
NEMA L14-30, 30A 125/250V Plug Connector	3-Pole 4-Wire	.385"-.930" (9.8-23.6)	Yellow	**BRY28W74**	**BRY29W74**	**BRY69W74**
NEMA L15-30, 30A 3Ø 250V AC Plug Connector	3-Pole 4-Wire	.385"-1.050" (9.8-26.7)	Yellow	**BRY28W75**	**BRY29W75**	**BRY69W75**
NEMA L16-30, 30A 3Ø 480V AC Plug Connector	3-Pole 4-Wire	.385"-1.050" (9.8-26.7)	Yellow Black	**BRY28W76** **BRY28W76BK**	**BRY29W76** **BRY29W76BK**	**BRY69W76** —
NEMA L17-30, 30A 3Ø 600V AC Plug Connector	3-Pole 3-Wire	.385"-.930" (9.8-23.6)	Yellow	**BRY28W77**	**BRY29W77**	**BRY69W77**
NEMA L18-30, 30A 3ØY 120/208V AC Plug Connector	4-Pole 4-Wire	.385"-1.050" (9.8-26.7)	Yellow	**BRY28W78**	**BRY29W78**	—
30A 125/250V, Non-NEMA Plug Connector	3-Pole 3-Wire	.385"-.930" (9.8-23.6)	Yellow	**BRY28W08**	**BRY29W08**	**BRY69W08**
30A 3ØY 120/208V AC, Non-NEMA Plug Connector	4-Pole 4-Wire	.385"-1.050" (9.8-26.7)	Yellow	**BRY28W09**	**BRY29W09**	—

Note: Black devices are available, consult factory.
See page H-4 for product dimensions.

Specifications are subject to change without notice.



Watertight Lift Covers, for use with standard receptacles.

Watertight Lift Covers

UL Type 4X

IP65, 66
SUITABILITY

BRY6500

Description	Receptacle with Lift Cover
For use with 15A or 20A straight blade receptacles and 15A locking receptacles, receptacle not included	**BRY6500**
For use with 20A locking receptacles, receptacle not included *Note: When mating with **BRY26W09**, 20 amp Non-NEMA plug, use BRY6800 cover.*	**BRY6700**
For use with 30A locking receptacles, receptacle not included	**BRY6800**

Replacement Interiors

BRY28W75IN

BRY29W75IN

Device	Rating	Interiors	
		Plug	Receptacle
Straight blade Locking	15A 125V	**BRY14W47IN** **BRY24W47IN**	**BRY15W47IN** —
Locking	15A 125V	—	**BRY27W47IN**
	20A 3Ø 250V AC	**BRY26W75IN**	—
	20A 3Ø 480V AC	**BRY26W76IN**	**BRY27W76IN**
Locking	30A 3Ø 250V AC	**BRY28W75IN**	**BRY29W75IN**
	30A 3Ø 480V AC	**BRY28W76IN**	**BRY29W76IN**

Bushings, Cone Seals and Closure Caps

BRYWTB1

BRYWTCS2

BRY50W50

BRY50W50BK

Device	Bushings	Cone Seals	Closure Caps	
			Yellow	Black
15A Straight blade 15A Locking	**BRYWTB1** **BRYWTB1**	**BRYWTCS1** **BRYWTCS1**	**BRY50W50** **BRY50W50**	**BRY50W50BK** **BRY50W50BK**
20A Straight blade 20A Locking	**BRYWTB1** **BRYWTB2**	**BRYWTCS1** **BRYWTCS2**	**BRY50W50** **BRY50W52**	**BRY50W50BK** **BRY50W52BK**
30A Locking	**BRYWTB3**	**BRYWTCS3**	**BRY50W54**	**BRY50W54BK**

FD Boxes and Angled Adapters

Introducing a fully UL Listed surface mount box engineered with features that allow easy, code compliant installation of all types of devices from 15A to 50A, including metallic ground bonding bracket, threaded conduit hubs and external mounting supports. Together with an industry first 55 degree angle adapter, the combination of devices is the only code compliant 45 cu.in. solution for 50A 4 wire installations. The angle adapter can also be installed separately for panel applications.

- ¾ in. NPT and 1 in. NPT threaded hub options
- 30 cu. in. FD box made of high impact thermoplastic material
- External mounting feet, accepts #10 screw
- Stainless steel mounting/grounding bracket
- Accepts duplex and single receptacles up to 50A locking

- 55° angle adapter (15 cu. in.)
- External mounting feet, accepts #8 screw
- Stainless steel mounting/grounding bracket
- Accepts duplex and single receptacles up to 50A locking

FD Boxes and Angled Adapters

UL Type 4X

IP65, 66
SUITABILITY

BRY60CM83A

BRY60CM55

BRY60CM84WAK

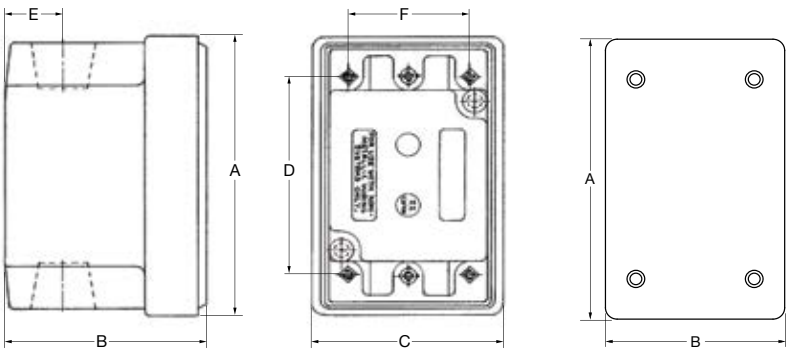
BRY60CM88

Color	FD Boxes ¾" NPT Hubs	FD Boxes 1" NPT Hubs	55° Angle Adapter*	Kits ¾" NPT Hubs	Kits 1" NPT Hubs	Blank Cover Plates
Yellow	**BRY60CM83A**	**BRY60CM84A**	**BRY60CM55***	**BRY60CM83AK**	**BRY60CM84AK**	**BRY60CM88**
White	**BRY60CM83WA**	**BRY60CM84WA**	**BRY60CM55W***	**BRY60CM83WAK**	**BRY60CM84WAK**	**BRY60CM88W**
Gray	**BRY6083**	**BRY6084**	**BRY6055***	**BRY6083AK**	**BRY6084AK**	**BRYP14FS**

Note: For NEMA 4X rating, use equally listed receptacle/lift cover combination.
**Angled Adapter not UL listed.*

Product Dimensions Inches (mm)

	Portable Outlet Boxes	Blank Cover Plates
A	4.56" (115.9)	4.56" (115.8)
B	3.25" (82.6)	2.84" (72.1)
C	2.94" (74.6)	—
D	3.28" (83.3)	—
E	0.875" (22.2)	—
F	1.87" (47.6)	—



FD Boxes

Blank Cover Plates

Specifications are subject to change without notice.

- Wiring room large enough to accommodate the broadest range of device requirements in one box size
- Cord entry options include pre-defined range of 0.38 in. to 0.50 in.
- Fully thermoplastic elastomer housing exceeds UL crush requirements and is highly impact-resistant, available in black or yellow
- Brass inserts for maximum strength
- Extended wall protects lift covers from impact damage

- Impact-resistant PBT material
- UL Type 3R seal on a panel or on a portable outlet box
- Stainless steel hinge and spring

Pre-Assembled Portable Outlet Boxes (with Cord Connector Installed) Inches (mm)

Box Suitable for Wet and Damp Locations

IP44
SUITABILITY

BRY3099

BRY3090F

BRY3000

Description	Cord Range	Color	Deep	Deep with Feed-Thru	Deep with (2) Duplex Cover Plates
Portable outlet boxes	0.38"-0.50" (9.7-12.7)	Yellow	**BRY3099**	**BRY3090F**	**BRY3000**

Note: For use with NEMA Type 1 and Type 3R portable outlet box covers listed below.

Portable Outlet Box Cover Plates (NEMA Type 1) and Lift Covers (Type 3R)

UL Type 1, 3R

IP65, 66
SUITABILITY

BRY3051

BRY3056

BRY3052

BRY3057

BRY3055

BRY3058

BRY3060

BRY3061

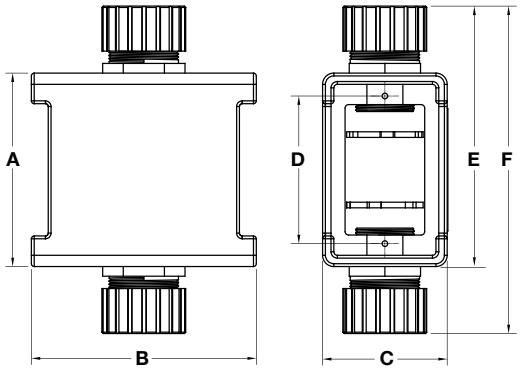
BRY3054

Description	Duplex		1.39" Diameter Receptacle		1.572" Diameter Receptacle		GFCI		Blank
	Box Cover UL Type 1	Lift Cover UL Type 3R	Box Cover UL Type 1	Lift Cover UL Type 3R	Box Cover UL Type 1	Lift Cover UL Type 3R	Box Cover UL Type 1	Lift Cover UL Type 3R	Lift Cover UL Type 3R
Portable outlet box cover plates	**BRY3051**	**BRY3056**	**BRY3052**	**BRY3057**	**BRY3055**	**BRY3058**	**BRY3060**	**BRY3061**	**BRY3054**

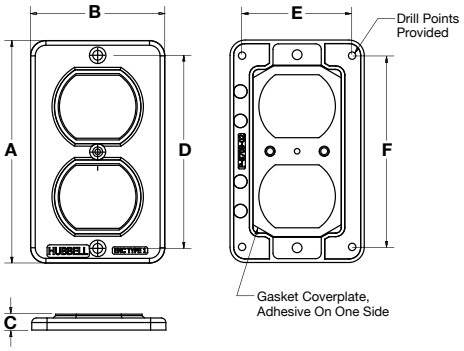
Product Dimensions Inches (mm)

	Portable Outlet Boxes
A	4.30" (109.2)
B	5.00" (127.0)
C	2.77" (70.4)
D	3.28" (83.3)
E	5.79" (147.0)
F	7.28" (184.9)

	Box Covers
A	3.78" (96.0)
B	2.28" (57.9)
C	0.27" (6.9)
D	3.28" (83.3)
E	1.87" (47.5)
F	3.25" (82.6)



Style shown is representative of all oppenings.



Technical Information

Materials

Plug/Connector	Materials
Blade/contact carrier	Nylon, white
Terminal retainer	Polycarbonate, clear
Housing	Thermoplastic elastomer
Housing insert	Nylon, white
Strain relief nut	PBT thermoplastic, gray
Blades/contacts	Brass, nickel plated
Terminal screws	Brass
Terminal screw size	#8-32 15A/20A Straight blade and 15A Locking, #10-32 20A and 30A Locking
Assembly screws	Stainless steel
Bushings	Thermoplastic elastomer, black
Gotcha ring	Nylon
Cone seal	Thermoplastic elastomer, black
Closure cap	Thermoplastic elastomer

Receptacle Assembly	Materials
Base, flip lid and backplate	PBT thermoplastic
Seal collar	Thermoplastic elastomer
Mounting screws	Stainless steel
Spring and hinge pin	Stainless steel

Portable Outlet Box & Accessories	Materials
Box enclosure	Thermoplastic elastomer
Strain relief nut	PBT thermoplastic
Grommet	Thermoplastic elastomer
Gotcha ring	Nylon
Locknut	Steel, zinc plate
Threaded inserts	Brass
Receptacle screw	Stainless steel
Cover plate	PBT thermoplastic
Cover plate seal	Neoprene
Cover plate spring	Stainless steel
Hinge pin	Stainless steel
Hinge bracket	Zinc plated steel
Rivets	Zinc plated steel

Specifications

Listings (Plug/Connector and Flip Lid Assembly)
Listed to UL498
Certified to CSA C22.2 No. 42
Meets NEMA® WD-1, WD-6, and ANSI Standards
IP66 Suitability
NSF Certified (plugs, connectors and receptacles)

FD Box/Adapter	Materials
Box enclosure	PBT thermoplastic
Ground bracket	316 stainless steel
Ground screw	Brass
Angle adapter	PBT thermoplastic

Environmental	
Box	UL Type 4X (with UL Type 4X receptacle assembly) UL Type 3R (with weatherproof cover plate)

Performance Inches (mm)

Electrical	
Dielectric voltage	
Connectors:	2000V AC if rated 300V or less, 3000V AC if rated above 300V
Plugs:	2500V AC if rated 300V or less, 3500V AC if rated above 300V
Max working voltage	As marked
Current interrupting	Rated for current interruption per UL498
Temperature rise	30°C max per UL498 at rated current

Mechanical	
Cord and terminal accommodations:	

Plugs and Connectors	
15 and 20A Straight blade and 15A Locking	#16/3 SJ to #10/3 SJ, #18/3 S to #12/3 S (Ø.325" to Ø625") (Ø8.3mm to Ø15.9 mm)
20A Locking except BRY26W09 & BRY27W09	Min. cord: #16/3 SJ, #18/3 S, #18/4 SJ, #18/4 S, #18/5 S (Ø.325") (Ø8.3 mm) Max. cord: #10/3 S, #10/4 S, #10/5 S (.875") (22.2 mm)
30A Locking including BRY26W09 & BRY27W09	Min. cords: #12/3 SJ, #16/3 S, #14/4 SJ, #18/4 S, #18/5 S (Ø.375") (Ø9.5 mm) Max. cord: #8/3 S, #8/4 S, #10/5 S (1.125") (28.6 mm)

Receptacles – use solid or stranded building wire or flexible cord only as outlined below:	
All Straight blade	#18 AWG to #10 AWG
15A Locking	#18 AWG to #10 AWG
20A and 30A Locking	#18 AWG to #8 AWG

Portable Outlet Boxes	
Cord range	.38" to .68" (BRY3099, BRY3090F, BRY3000) and .38" to 1.00" with user-specified cord connector
Wiring volume	19.0 in3

Environmental	
Moisture resistance	UL Listed to 3R, 3RX, 4, 4X, 6, 6P, 12 (plugs and connectors), 3R, 3RX, 4, 4X (receptacles), wet and damp locations (portable outlet boxes), covers (POB) UL Type 3R and wet locations cover closed
Flammability	UL94V0 (boxes, covers, and plates), UL94V2 (plugs, connectors, and interiors), UL94HB (caps, bushings, and cone seals)
Operating temperatures	-40°C (without impact) to +60°C continuous
UV resistance	All exposed materials are UV stabilized

NEMA® is a registered trademark of the National Electrical Manufacturers Association.

Section I

Corrosion-Resistant Devices

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Corrosion-Resistant Straight Blade Devices

15 and 20 Amp 125V, 2-Pole 3-Wire Grounding I-2

15 and 20 Amp 250V, 2-Pole 3-Wire Grounding I-2

Corrosion-Resistant Locking Devices

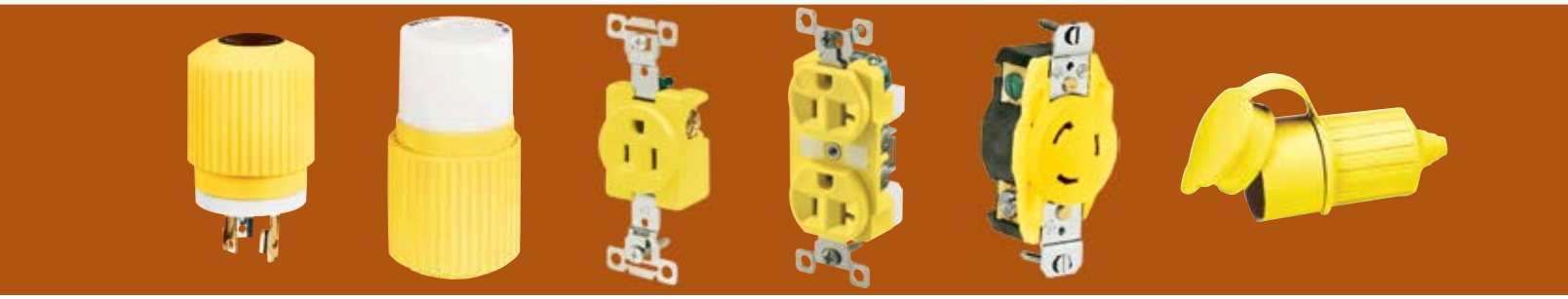
15 Amp 125V, 2-Pole 3-Wire Grounding I-3

20 Amp 125V, 2-Pole 3-Wire Grounding I-3

30 Amp 125V, 2-Pole 3-Wire Grounding I-3

Accessories

Weather Protective Boots and Adapter Sleeves I-4



Corrosion-Resistant Devices

15 and 20 Amp Straight Blade Devices

- Nickel-plated copper-alloy metallic components
- Molded of impact/chemical resistant high-visibility yellow nylon
- Stainless steel screws
- Receptacles have a one-piece grounding system with built-in self-grounding strap
- Triple Gripper® cord grip on plugs and connectors which feature three captive assembly screws to automatically tighten cord grip
- Pre-attached thermoplastic elastomer dust seal

15A and 20A Straight Blade Plugs, Connectors and Receptacles Inches (mm)

TECH·SPEC®

5266NCR

5269NCR

5261CR

BRY5362CR

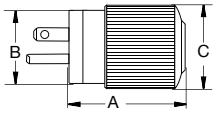
Rating	Cord Diameter	Poles/Wires	Color	Nylon Polymer Plug	Nylon Polymer Connector	Nylon Receptacle, Back and Side Wired	
						Single	Duplex
NEMA 5-15 15A 125V Plug Connector	.300"-.625" (7.6-15.9)	2-Pole 3-Wire	Yellow Brown	**5266NCR***	**5269NCR***	**5261CR***	**BRY5262CR** **BRY5262BCR**
NEMA 5-20 20A 125V Plug Connector	.300"-.625" (7.6-15.9)	2-Pole 3-Wire	Yellow	**5366NCR**	**5369NCR***	**5361CR***	**BRY5362CR**
NEMA 6-15 15A 250V Plug Connector	.300"-.625" (7.6-15.9)	2-Pole 3-Wire	Yellow	–	–	–	**BRY5662CR**
NEMA 6-20 20A 250V Plug Connector	.300"-.625" (7.6-15.9)	2-Pole 3-Wire	Yellow	–	–	**5461CR***	**BRY5462CR**

*Note: *Not Fed. Spec.*
See page A-27 for information on weather protective boots.
See page R-8 for horsepower ratings.

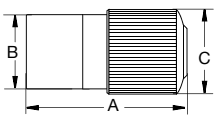
Product Dimensions Inches (mm)

Plug	
A	2.18" (55.4)
B	1.38" (35.1)
C	1.52" (38.5)

Connector	
A	2.95" (74.9)
B	1.38" (35.1)
C	1.52" (38.5)

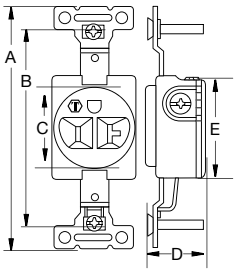


5266NCR

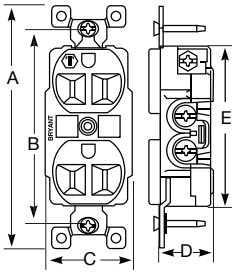


5369NCR

	Receptacle	
	Single	Duplex
A	4.06" (103.1)	4.06" (103.1)
B	3.28" (83.3)	3.28" (83.3)
C	1.38" (35.1)	1.54" (39.1)
D	.91" (23.1)	.92" (23.4)
E	1.78" (45.2)	2.69" (68.3)



BRY5361CR



BRY5262CR

- Nickel-plated copper-alloy metallic components
- Molded of impact/chemical resistant high-visibility yellow nylon
- Stainless steel screws
- Receptacles have a one-piece grounding system with built-in self-grounding strap
- Triple Gripper® cord grip on plugs and connectors which feature three captive assembly screws to automatically tighten cord grip
- Individual wire pockets with clamp-type terminals

15A, 20A and 30A Locking Plugs, Connectors, Receptacles and Cord Set Inches (mm)

TECH·SPEC®

4721NPCR

4732NCCR

4710CR

70520FRCR

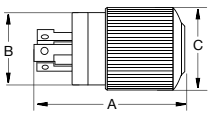
4700DRCR

Rating	Cord Diameter	Poles/Wires	Color	Clamp-Type Terminals, Back Wired		Nylon Receptacle	
				Nylon Plug	Nylon Connector	Single, Back and Side Wired	Duplex, Back Wired, Clamp-Type Terminals
NEMA L5-15 15A 125V Plug Connector	.300"-.625" (7.6-15.9)	2-Pole 3-Wire	Yellow	**4721NPCR***	**4732NCCR***	**4710CR***	**4700DRCR**
NEMA L5-20 20A 125V Plug Connector	.300"-.950" (7.6-24.1)	2-Pole 3-Wire	Yellow	**70520NPCR***	**70520NCCR**	**70520FRCR**	—
NEMA L5-30 30A 250V Plug Connector	.300"-.950" (7.6-24.1)	2-Pole 3-Wire	Yellow	**70530NPCR**	**70530NCCR**	**70530FRCR**	—
	Description		Color	Cord Set			
	Pre-wired 25 ft. cord set #10 AWG, 3 conductor STO		Yellow	**530MCS25***			

*Note: *Not Fed. Spec.*
See page A-47 for information on weather protective boots.
See page Q-8 for horsepower ratings.

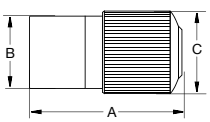
Product Dimensions Inches (mm)

	Plug	
	15A	20A/30A
A	2.18" (55.2)	2.85" (72.3)
B	1.38" (35.1)	1.83" (46.5)
C	1.53" (39.1)	2.13" (54.0)



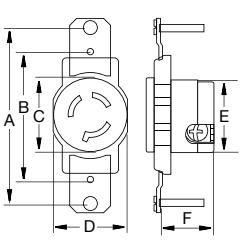
4721NPCR

	Connector	
	15A	20A/30A
A	2.95" (75.0)	3.90" (99.0)
B	1.38" (35.1)	1.83" (46.5)
C	1.53" (39.1)	2.13" (54.0)

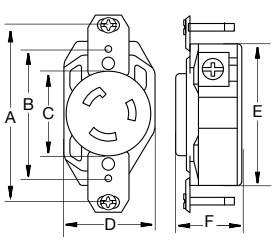


4732NCCR

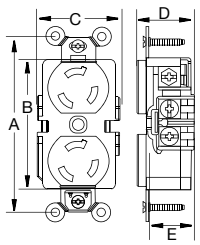
	Single Receptacle		Duplex Receptacle
	15A	20A/30A	15A
A	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)
B	2.38" (60.5)	2.38" (60.5)	2.74" (69.5)
C	1.38" (35.1)	1.56" (39.6)	1.70" (43.2)
D	1.41" (35.8)	1.70" (43.2)	1.17" (29.67)
E	1.37" (34.8)	2.67" (67.8)	.93" (23.72)
F	1.01" (25.7)	1.24" (31.5)	—



4710CR



70520FRCR



4700DRCR

Corrosion-Resistant Devices

Accessories - Weather Protective Boots and Adapter Sleeves

- For use with Bryant Tech-Spec® straight blade and locking plugs and connectors
- Help prevent moisture, dust and other contaminants from infiltrating plugs and connectors
- Thermoplastic elastomer construction in high-visibility yellow or standard black
- Excellent ozone and weather resistance and resistant to deterioration by oils and heat
- Connector sealing ring provides extra protection when plug and connector are not mated

Weather Protective Boots

72002BP

5200BPC

72002BSR

Description	For use with	Color	For Use with Plugs	For Use with Connectors	Sealing Cap for Use with Connector Boot
Thermoplastic elastomer boot	15 amp nylon straight blade and locking devices	Yellow	**5200BP**	**5200BC**	**5200BSR**
Neoprene boot	20 and 30 amp nylon locking plugs	Yellow	**72002BP**	**72002BC**	**72002BSR**

Weather Protective Boots

70530NPCR Plug
72002BP Boot

70530NCCR Connector
72002BC Boot

Section J

Pin & Sleeve Devices

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Watertight Devices

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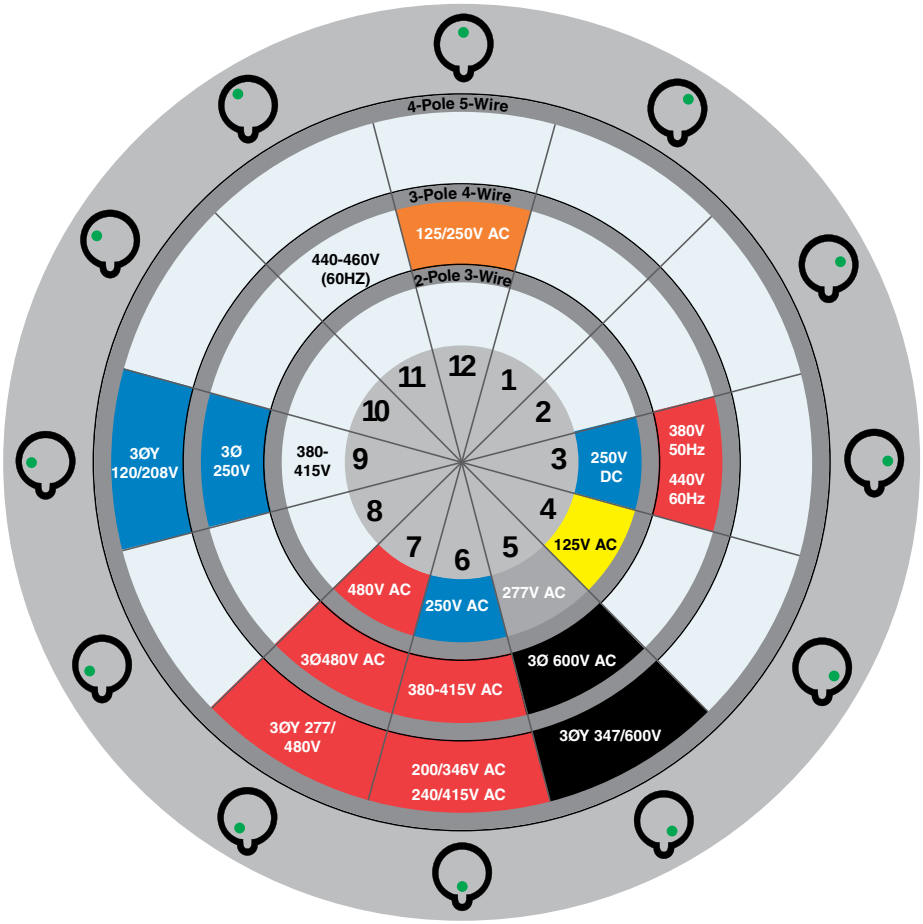
Pin & Sleeve Devices

IP67 Suitability

IEC Configurations Make Safe Connections As Easy As Clockwork

Bryant's Pin & Sleeve line safeguards against mismating devices of different amperage and voltage ratings. Conformance with IEC 60309-1 and IEC 60309-2 international standards results in a singly-rated, non-interchangeable configuration for each amperage/voltage type.

The voltage rating can be identified by the clock position of the female grounding sleeve relative to the housing keyway. With the keyway always positioned at 6 o'clock, the female grounding sleeve is located at a specific clock position for each voltage rating.



The housing keyway is always located at the 6 o'clock position on all female devices and is clearly visible to the user.

IEC Pin & Sleeve device housings are color coded by voltage rating for easy identification.

Rated Voltage	Color
100V-130V	
125V/250V	
200V-250V	
277V	
380V-480V	
500V and above	

IEC Catalog Numbering System

First Digit Wires	Next Series of Digits North American Amps	Letter Device Type	Last Digit(s) Clock Position	Letter Environmental Classification
3 – 3-Wire **4** – 4-Wire **5** – 5-Wire	**20** – 20 Amp **30** – 30 Amp **60** – 60 Amp **100** – 100 Amp International **16** – 16 Amp **32** – 32 Amp **63** – 63 Amp **125** – 125 Amp	**P** – Plug **C** – Connector **R** – Receptacle **B** – Inlet	**9** – After the letter. This denotes the position of the ground sleeve and the assigned voltage in the receptacle as it relates to the hours of the clock. This is done to eliminate interchangeability between devices with different voltages.	**W** – Watertight **S** – Splashproof

Example: **4** **30** **C** **9** **W**

- **4** – 4-Wire
- **30** – 30 Amp
- **C** – "C" Connector
- **9** – Female Ground Sleeve at 9 O'Clock Position (3Ø 250V AC)
- **W** – Watertight

Specifications are subject to change without notice.

Pin & Sleeve Devices

Watertight Pin & Sleeve Features

IP67 Suitability

460P7W

- Gland nut and body have opposing thread profiles to prevent pull-out and reduce wear (available in most ratings)
- No exposed metal screws or clamps promotes safe handling and prevents snagging
- Toughened nylon housing protects against cracking, warping, corrosion, and chemical abrasion
- Neoprene sealing glands provide a watertight seal
- Solid brass pins provide contact reliability, and superior conductivity. Shrouded housing helps protect pins from contaminants and abuse
- Cord clamp screws fasten into threaded steel nuts to prevent strip-out

Locking Connector

- Spring-loaded gasketed cover
- Self-adjusting contacts provide accurate pin insertion, producing self-cleaning effect as pin is inserted and withdrawn from sleeve
- High temperature contact carrier
- Radial rib exterior
- Phase contacts are recessed in deep insulated chambers to minimize arcing
- Ground contact in forward position ensures first make, last break, neutral contact connects next, then phase contacts
- Terminal screws are backed out for easy assembly

460C7W

Housing Keyway

External housing key on male devices mates with keyway on female devices to provide proper alignment and simplify the connection of devices, keyway is always located at the 6 o'clock position and is clearly visible to the user, helping to prevent the mismating of devices with different ratings.

Contact

Bryant's exclusive 60A and 100A contact design features a well-defined contact area and a stainless steel clip to provide more consistent contact pressure

Swing-Away Cord Clamp

Wiring is simplified with swing-away cord clamp. Strain relief clamp assembly swings out for greater access when terminating individual conductors and securing cord clamp

Box Terminal

Box terminal design with pressure plate (60A and 100A) permits greater clamping pressure without damaging conductors

Watertight 20A, 30A and 60A North American Ratings

Amps	Poles/ Wires	Configuration Recep./ Conn.	Configuration Plug/ Inlet	Voltage	Watertight Devices Receptacle	Plug	Connector	Inlet	Back Box*	Closure Cap**
20	2P 3W			125V AC	**320R4W**	**320P4W**	**320C4W**	**320B4W**	**BB201WA BB301WA**	**CC320A**
	2P 3W			250V AC	**320R6W**	**320P6W**	**320C6W**	**320B6W**	**BB201WA BB301WA**	**CC320A**
	2P 3W			480V AC	**320R7W**	**320P7W**	**320C7W**	**320B7W**	**BB201WA BB301WA**	**CC320A**
	3P 4W			125/250V AC	**420R12W**	**420P12W**	**420C12W**	**420B12W**	**BB201WA BB301WA**	**CC420A**
	3P 4W			3Ø 250V	**420R9W**	**420P9W**	**420C9W**	**420B9W**	**BB201WA BB301WA**	**CC420A**
	3P 4W			3Ø 480V	**420R7W**	**420P7W**	**420C7W**	**420B7W**	**BB201WA BB301WA**	**CC420A**
	3P 4W			3Ø 600V	**420R5W**	**420P5W**	**420C5W**	**420B5W**	**BB201WA BB301WA**	**CC420A**
	4P 5W			3ØY 120/208V	**520R9W**	**520P9W**	**520C9W**	**520B9W**	**BB201WA BB301WA**	**CC520**
	4P 5W			3ØY 277/480V	**520R7W**	**520P7W**	**520C7W**	**520B7W**	**BB201WA BB301WA**	**CC520**
30	2P 3W			125V AC	**330R4W**	**330P4W**	**330C4W**	**330B4W**	**BB201WA BB301WA**	**CC330**
	2P 3W			250V AC	**330R6W**	**330P6W**	**330C6W**	**330B6W**	**BB201WA BB301WA**	**CC330**
	2P 3W			480V AC	**330R7W**	**330P7W**	**330C7W**	**330B7W**	**BB201WA BB301WA**	**CC330**
	3P 4W			125/250V AC	**430R12W**	**430P12W**	**430C12W**	**430B12W**	**BB201WA BB301WA**	**CC330**
	3P 4W			3Ø 250V	**430R9W**	**430P9W**	**430C9W**	**430B9W**	**BB201WA BB301WA**	**CC330**
	3P 4W			3Ø 480V	**430R7W**	**430P7W**	**430C7W**	**430B7W**	**BB201WA BB301WA**	**CC330**
	3P 4W			3Ø 600v	**430R5W**	**430P5W**	**430C5W**	**430B5W**	**BB201WA BB301WA**	**CC330**
	4P 5W			3ØY 120/208V	**530R9W**	**530P9W**	**530C9W**	**530B9W**	**BB201WA BB301WA**	**CC530**
	4P 5W			3ØY 277/480V	**530R7W**	**530P7W**	**530C7W**	**530B7W**	**BB201WA BB301WA**	**CC530**
60	2P 3W			125V AC	**360R4W**	**360P4W**	**360C4W**	**360B4W**	**BB601WA BB602WA**	**CC560**
	2P 3W			250V AC	**360R6W**	**360P6W**	**360C6W**	**360B6W**	**BB601WA BB602WA**	**CC560**
	2P 3W			480V AC	**360R7W**	**360P7W**	**360C7W**	**360B7W**	**BB601WA BB602WA**	**CC560**
	3P 4W			125/250V AC	**460R12W**	**460P12W**	**460C12W**	**460B12W**	**BB601WA BB602WA**	**CC560**
	3P 4W			3Ø 250V	**460R9W**	**460P9W**	**460C9W**	**460B9W**	**BB601WA BB602WA**	**CC560**
	3P 4W			3Ø 480V	**460R7W**	**460P7W**	**460C7W**	**460B7W**	**BB601WA BB602WA**	**CC560**
	3P 4W			3Ø 600V	**460R5W**	**460P5W**	**460C5W**	**460B5W**	**BB601WA BB602WA**	**CC560**
	4P 5W			3ØY 120/208V	**560R9W**	**560P9W**	**560C9W**	**560B9W**	**BB601WA BB602WA**	**CC560**
	4P 5W			3ØY 277/480V	**560R7W**	**560P7W**	**560C7W**	**560B7W**	**BB601WA BB602WA**	**CC560**
	4P 5W			3ØY 347/600V	**560R5W**	**560P5W**	**560C5W**	**560B5W**	**BB601WA BB602WA**	**CC560**

*Note: *Back boxes for:*
20 and 30 amp receptacles require AP2030 adapter plate (page J-8) ordered separately. Also see direct mounting back box DM20301 (page J-8).
60 amp receptacles require AP60 adapter plate ordered separately (page J-8). Also see direct mounting back box DM602 (page J-8).
***For use with plugs and inlets. Provides watertight protection.*

Watertight 100A North American Ratings

Amps	Poles/ Wires	Configuration Recep./ Conn.	Configuration Plug/ Inlet	Voltage	Watertight Devices Receptacle	Plug	Connector	Inlet	Back Box*	Closure Cap**
100	2P 3W			250V AC	**3100R6W**	**3100P6W**	**3100C6W**	**3100B6W**	**BB1001WA BB1002WA**	**CC510**
	2P 3W			480V AC	**3100R7W**	**3100P7W**	**3100C7W**	**3100B7W**	**BB1001WA BB1002WA**	**CC510**
	3P 4W			125/250V AC	**4100R12W**	**4100P12W**	**4100C12W**	**4100B12W**	**BB1001WA BB1002WA**	**CC510**
	3P 4W			3Ø 250V	**4100R9W**	**4100P9W**	**4100C9W**	**4100B9W**	**BB1001WA BB1002WA**	**CC510**
	3P 4W			3Ø 480V	**4100R7W**	**4100P7W**	**4100C7W**	**4100B7W**	**BB1001WA BB1002WA**	**CC510**
	3P 4W			3Ø 600V	**4100R5W**	**4100P5W**	**4100C5W**	**4100B5W**	**BB1001WA BB1002WA**	**CC510**
	4P 5W			3ØY 120/208V	**5100R9W**	**5100P9W**	**5100C9W**	**5100B9W**	**BB1001WA BB1002WA**	**CC510**
	4P 5W			3ØY 277/480V	**5100R7W**	**5100P7W**	**5100C7W**	**5100B7W**	**BB1001WA BB1002WA**	**CC510**

*Note: *Back boxes for 100 amp receptacles require AP100 adapter plate ordered separately (page J-8).*
***For use with plugs and inlets. Provides watertight protection.*

Watertight 16A, 32A, 63A and 125A International Ratings***

Amps	Poles/ Wires	Configuration Recep./ Conn.	Configuration Plug/ Inlet	Voltage	Watertight Devices Receptacle	Plug	Connector	Inlet	Back Box*	Closure Cap**
16	2P 3W			100-130V	**316R4W**	**316P4W**	**316C4W**	**316B4W**	**BB201WA BB301WA**	**CC320A**
	2P 3W			200-250V	**316R6W**	**316P6W**	**316C6W**	**316B6W**	**BB201WA BB301WA**	**CC320A**
	3P 4W			380-415V	**416R6W**	**416P6W**	**416C6W**	**416B6W**	**BB201WA BB301WA**	**CC420A**
	4P 5W			200/346V 240/415V	**516R6W**	**516P6W**	**516C6W**	**516B6W**	**BB201WA BB301WA**	**CC520**
32	2P 3W			100-130V	**332R4W**	**332P4W**	**332C4W**	**332B4W**	**BB201WA BB301WA**	**CC330**
	2P 3W			200-250V	**332R6W**	**332P6W**	**332C6W**	**332B6W**	**BB201WA BB301WA**	**CC330**
	3P 4W			380-415V	**432R6W**	**432P6W**	**432C6W**	**432B6W**	**BB201WA BB301WA**	**CC330**
	3P 4W			380V 50Hz 440V 60Hz	**432R3W**	**432P3W**	**432C3W**	**432B3W**	**BB201WA BB301WA**	**CC330**
	4P 5W			200/346V 240/415V	**532R6W**	**532P6W**	**532C6W**	**532B6W**	**BB201WA BB301WA**	**CC530**
63	2P 3W			200-250V	**363R6W**	**363P6W**	**363C6W**	**363B6W**	**BB601WA BB602WA**	**CC560**
	3P 4W			380-415V	**463R6W**	**463P6W**	**463C6W**	**463B6W**	**BB601WA BB602WA**	**CC560**
	4P 5W			200/346V 240/415V	**563R6W**	**563P6W**	**563C6W**	**563B6W**	**BB601WA BB602WA**	**CC560**
125	3P 4W			380-415V	**4125R6W**	**4125P6W**	**4125C6W**	**4125B6W**	**BB1001WA BB1002WA**	**CC510**
	4P 5W			200/346V 240/415V	**5125R6W**	**5125P6W**	**5125C6W**	**5125B6W**	**BB1001WA BB1002WA**	**CC510**

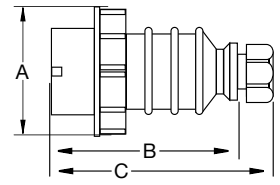
*Note: *Back boxes for:*
16 and 32 amp receptacles require AP2030 adapter plate ordered separately (page J-8). Also see direct mounting back box DM20301 (page J-8).
63 amp receptacles require AP60 adapter plate ordered separately (page J-8). Also see direct mounting back box DM602 (page J-8).
125 amp receptacles require AP100 adapter plate ordered separately (page J-8).
***For use with plugs and inlets. Provides watertight protection.*
****Not UL Listed, nor CSA Certified.*

IP67 Suitability

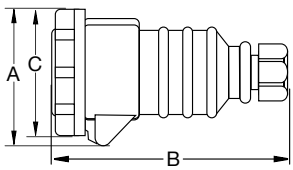
Product Dimensions Inches (mm)

		16/20A			30/32A			60/63A	100/125A
		3-Wire	4-Wire	5-Wire	3-Wire	4-Wire	5-Wire	3-, 4-, 5-Wire	3-, 4-, 5-Wire
Plug	A	2.75" (70.5)	3.04" (78.0)	3.37" (86.5)	3.67" (94.0)	3.67" (94.0)	3.96"(101.5)	4.43" (113.5)	4.88" (125.0)
	B	4.37" (112.0)	4.37" (112.0)	4.60" (118.0)	5.62" (144.0)	5.62" (144.0)	5.62" (144.0)	8.81" (226.0)	9.87" (253.0)
	C	5.42" (139.0)	5.42" (139.0)	5.66" (145.0)	6.67" (171.0)	6.67" (171.0)	6.67" (171.0)	9.91" (254.0)	11.15" (286.0)
	D*	.375"-.625" (9.52-15.5)			.580"-.900" (14.7-22.8)			.74"-1.270" (18.8-35.5)	.95"-1.670" (24.1-42.4)
Connector	A	2.75" (70.5)	3.04" (78.0)	3.37" (86.5)	3.67" (94.0)	3.67" (94.0)	3.96" (101.5)	4.29" (110.0)	4.91" (126.0)
	B	5.97" (153.0)	5.97" (153.0)	6.20" (159.0)	7.33" (188.0)	7.33" (188.0)	7.33" (188.0)	10.61" (272.0)	12.01" (308.0)
	C	3.00" (77.0)	3.24" (83.0)	3.63" (93.0)	3.86" (99.0)	3.86" (99.0)	4.17" (107.0)	4.43" (113.5)	4.99" (128.0)
	D*	.375"-.625" (9.52-15.5)			.580"-.900" (14.7-22.8)			.74"-1.270" (18.8-35.5)	.95"-1.670" (24.1-42.4)
Receptacle	A	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	4.17" (107.0)	4.68" (120.0)
	B	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	3.90" (100.0)	4.68" (120.0)
	C	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	3.32" (85.0)	3.90" (100.0)
	D	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	3.00" (77.0)	3.90" (100.0)
	E	0.22" (5.5)	0.22" (5.5)	0.22" (5.5)	0.22" (5.5)	0.22" (5.5)	0.22" (5.5)	0.25" (6.5)	0.25" (6.5)
	F	0.27" (7.0)	0.27" (7.0)	0.27" (7.0)	0.31" (8.0)	0.31" (8.0)	0.31" (8.0)	0.47" (12.0)	0.82" (21.0)
	G	0.66" (17.0)	1.01" (26.0)	0.66" (17.0)	1.40" (36.0)	1.40" (36.0)	0.74" (19.0)	2.20" (56.5)	1.95" (50.0)
	H	2.22" (57.0)	2.26" (58.0)	2.22" (57.0)	2.54" (65.0)	2.54" (65.0)	2.54" (65.0)	2.96" (76.0)	4.56" (117.0)
	I	2.96" (76.0)	3.24" (83.0)	3.63" (93.0)	3.90" (100.0)	3.90" (100.0)	3.90" (100.0)	4.41" (113.0)	5.03" (129.0)
	J	1.76" (45.0)	1.76" (45.0)	2.15" (55.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	3.43" (88.0)	3.62" (92.0)
	K*	0.14" (3.5)	0.27" (7.0)	0.45" (11.5)	0.47" (12.0)	0.47" (12.0)	0.66" (17.0)	0.27" (7.0)	0.23" (6.0)
Inlet	A	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	4.17" (107.0)	4.68" (120.0)
	B	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)	3.90" (100.0)	4.68" (120.0)
	C	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	3.32" (85.0)	3.90" (100.0)
	D	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	3.00" (77.0)	3.90" (100.0)
	E	0.22" (5.5)	0.22" (5.5)	0.22" (5.5)	0.22" (5.5)	0.22" (5.5)	0.22" (5.5)	0.25" (6.5)	0.25" (6.5)
	F	0.27" (7.0)	0.27" (7.0)	0.27" (7.0)	0.31" (8.0)	0.31" (8.0)	0.31" (8.0)	0.47" (12.0)	0.82" (21.0)
	G	0.66" (17.0)	1.01" (26.0)	0.66" (17.0)	1.40" (36.0)	1.40" (36.0)	0.74" (19.0)	2.20" (56.5)	1.95" (50.0)
	H	2.22" (57.0)	2.26" (58.0)	2.22" (57.0)	2.54" (65.0)	2.54" (65.0)	2.54" (65.0)	2.96" (76.0)	4.56" (117.0)
	I	2.96" (76.0)	3.24" (83.0)	3.63" (93.0)	3.90" (100.0)	3.90" (100.0)	3.90" (100.0)	4.41" (113.0)	5.03" (129.0)
	J	1.76" (45.0)	1.76" (45.0)	2.15" (55.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)	3.43" (88.0)	3.62" (92.0)
	K*	0.14" (3.5)	0.27" (7.0)	0.45" (11.5)	0.47" (12.0)	0.47" (12.0)	0.66" (17.0)	0.27" (7.0)	0.23" (6.0)

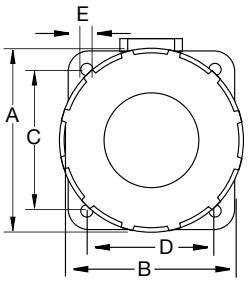
*Note: *Cable Grip.*



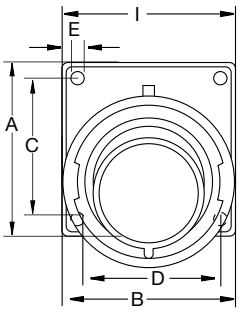
Plug



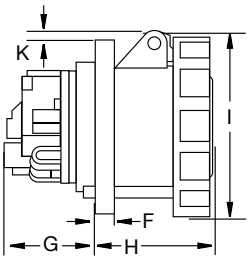
Connector



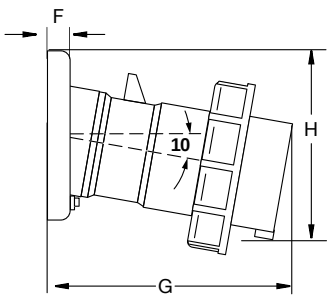
Receptacle



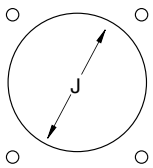
Inlet (20-30A Shown)



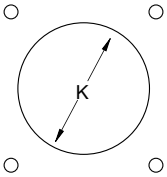
Receptacle Side View



Inlet Side View



Receptacle Opening



Receptacle Opening

Pin & Sleeve Devices

Splashproof 16 and 32 Amp International Devices

IP44 Suitability

- Ground contact in forward position to ensure first make, last break, neutral contact connects next, then phase contacts
- Neoprene sealing glands seal out moisture and contaminants at cord entry
- Gland nut and ring compress sealing gland around cord to seal out contaminants
- Solid brass pins provide contact reliability and superior conductivity

Splashproof 16A and 32A International Ratings

Amps	Poles/ Wires	Configuration Recep./ Conn.	Configuration Plug/ Inlet	Voltage	Receptacle	Plug	Connector	Back Box*
16	2P 3W			100-130V	**316R4S**	**316P4S**	**316C4S**	**BB201WA** **BB301WA**
	2P 3W			200-250V	**316R6S**	**316P6S**	**316C6S**	**BB201WA** **BB301WA**
	3P 4W			380-415V	**416R6S**	**416P6S**	**416C6S**	**BB201WA** **BB301WA**
	4P 5W			200/346V 240/415V	**516R6S**	**516P6S**	**516C6S**	**BB201WA** **BB301WA**
32	2P 3W			100-130V	**332R4S**	**332P4S**	**332C4S**	**BB201WA** **BB301WA**
	2P 3W			200-250V	**332R6S**	**332P6S**	**332C6S**	**BB201WA** **BB301WA**

*Note: *Requires AP2030 adapter plate, ordered separately (page J-8). Also see direct mounting back box DM20301 (page J-8).*

Product Dimensions Inches (mm)

Plug

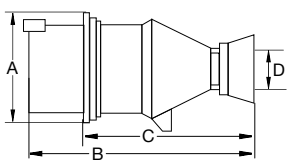
	16A 3-Wire	16A 4-Wire	16A 5-Wire	32A 3-Wire
A	1.99" (51.0)	2.26" (58.0)	2.50" (64.0)	2.57" (66.0)
B	5.38" (138.0)	5.38" (138.0)	5.58" (143.0)	6.83" (175.0)
C	3.99" (102.0)	3.99" (102.0)	4.17" (107.0)	5.07" (130.0)
D	0.66" (17.0)	0.66" (17.0)	0.66" (17.0)	0.96" (24.5)

Connector

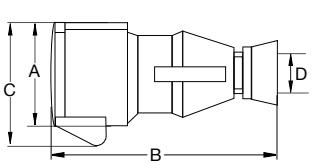
	16A 3-Wire	16A 4-Wire	16A 5-Wire	32A 3-Wire
A	1.99" (51.0)	2.26" (58.0)	2.50" (64.0)	2.57" (66.0)
B	5.85" (150.0)	5.89" (151.0)	6.05" (155.0)	7.33" (188.0)
C	2.77" (71.0)	3.08" (79.0)	3.32" (85.0)	3.63" (93.0)
D	0.66" (17.0)	0.66" (17.0)	0.66" (17.0)	0.96" (24.5)

Receptacle

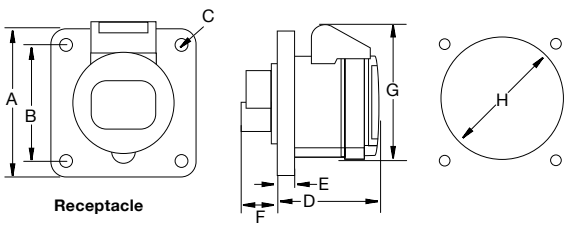
	16A 3-Wire	16A 4-Wire	16A 5-Wire	32A 3-Wire
A	2.44" (62.0)	2.93" (75.0)	2.93" (75.0)	2.93" (75.0)
B	1.88" (47.0)	2.34" (60.0)	2.34" (60.0)	2.34" (60.0)
C	0.22" (5.5)	0.22" (5.5)	0.21" (5.5)	0.21" (5.5)
D	1.99" (51.0)	2.07" (53.0)	2.07" (53.0)	2.42" (62.0)
E	0.27" (7.0)	0.27" (7.0	0.27" (7.0)	0.31" (8.0)
F	0.66" (17.0)	1.01" (26.0)	0.66" (17.0)	1.40" (36.0)
G	2.73" (70.0)	3.12" (80.0)	3.32" (85.0)	3.51" (90.0)
H	1.76" (45.0)	1.76" (45.0)	2.15" (55.0)	2.34" (60.0)



Plug



Connector



Receptacle

- Back box features heavy duty cast aluminum construction with a durable enamel finish
- Adapter plates allow receptacles and inlets to be mounted to back boxes
- Cast aluminum direct mount back boxes permit receptacles to be mounted directly to box without adapter plate
- Closure caps provide a watertight seal for male plugs and flanged inlets when not mated

NEMA Type 1 Portable Outlet Box Cover Plates

BB201WA

FT202WA

FW60100A

AP2030

DM20301

For Use With	Hub Size In.	Back Boxes: For Mounting Receptacles and Inlets: 15° Angle	Back Boxes: For Mounting Receptacles and Inlets: Feed-Thru	Back Boxes: For Mounting Receptacles and Inlets: Four-Way	Adapter Plates: Required to Mount Receptacles and Inlets to Back Boxes	Direct Mount Back Boxes: 15° Angle
20/30A	¾" 1"	**BB201WA*** **BB301WA***	**FT202WA*** **FT302WA****	— —	**AP2030**	**DM20301** —
60A	1¼" 1½"	**BB601WA*** **BB602WA***	— —	— **FW60100A****	**AP60**	**DM602** —
100A	1½" 2"	**BB1001WA*** **BB1002WA***	— —	**FW60100A**** —	**AP100**	— —

*Note: *Adapter plates: 20/30A devices requires AP2030, 60A devices require AP60 and 100A devices require AP100 adapter plates, ordered separately.*
***Requires AP60 adapter plate to mount 60A receptacle or inlet. 100A receptacle mounts directly to box. 100A inlet does not mount to this box.*

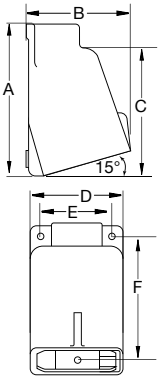
CC320A

Closure Caps: For Use With		Catalog Number
16/20A	3-Wire 4-Wire 5-Wire	**CC320A** **CC420A** **CC520**
30/32A	3 & 4-Wire 5-Wire	**CC330** **CC530**
60/63A	3, 4 & 5-Wire 5-Wire	**CC560**
100/125A	3, 4 & 5-Wire 5-Wire	**CC510**

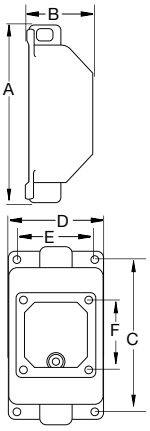
Product Dimensions Inches (mm)

	Back Boxes: 20/30A: 15° Angle	Back Boxes: 20/30A: Feed-Thru	Back Boxes: 60A: 15° Angle	Back Boxes: 60/100A: Four-Way	Back Boxes: 100A: 15° Angle	Adapter Plates: 20/30A	Adapter Plates: 60A	Adapter Plates: 100A	Direct Mount Back Boxes: 15° Angle: 20/30A	Direct Mount Back Boxes: 15° Angle: 60A
A	5.12" (130.2)	8.25" (209.6)	7.25" (184.2)	8.75" (222.3)	8.12" (206.4)	3.76" (96.4)	4.51" (115.6)	5.52" (141.5)	5.07" (130.0)	5.81" (149.0)
B	4.00" (101.6)	3.06" (77.8)	5.25" (133.4)	9.75" (247.7)	6.75" (171.5)	3.13" (80.3)	3.88" (99.5)	4.87" (124.9)	3.38" (78.0)	4.28" (110.0)
C	4.19" (106.4)	7.14" (181.4)	6.00" (152.4)	7.75" (196.9)	6.88" (174.6)	2.76" (70.8)	3.03" (77.7)	4.25" (109.0)	4.13" (106.0)	4.56" (117.0)
D	3.75" (95.3)	4.50" (114.3)	4.50" (114.3)	6.75" (171.5)	5.50" (139.7)	2.36" (60.5)	3.35" (85.9)	3.94" (101.0)	3.62" (92.0)	4.58" (117.0)
E	3.00" (76.2)	3.75" (95.3)	3.75" (95.3)	6.00" (152.4)	4.75" (120.7)	0.22" (5.6) Dia.	0.22" (5.6) Dia.	0.22" (5.6) Dia.	—	—
F	4.00" (101.6)	3.13" (79.5)	6.19" (157.2)	—	6.94" (176.2)	0.18" (4.6) Dia.	0.18" (4.6) Dia.	0.18" (4.6) Dia.	—	—
G*	30.0" (492)	48.0" (787)	80.0" (1312)	210.0" (3444)	130.0" (2132)	—	—	—	20.0" (328.0)	40.0" (656.0)

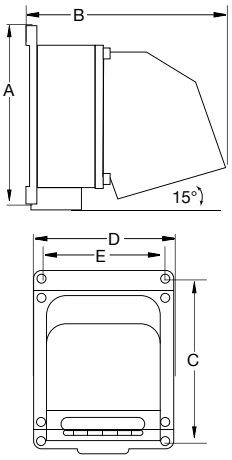
*Note: *Capacity cu. in. (cm3).*



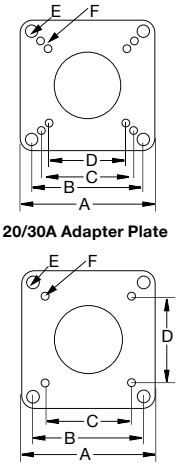
Angle Box



Feed-Through Box

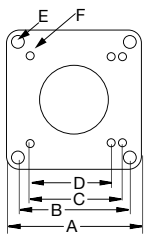


Four-Way Box

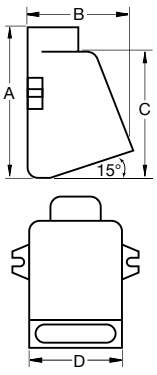


20/30A Adapter Plate

60A Adapter Plate



100A Adapter Plate



Direct Mount Back Box

Pin & Sleeve Devices

Unfused Mechanical Interlocks

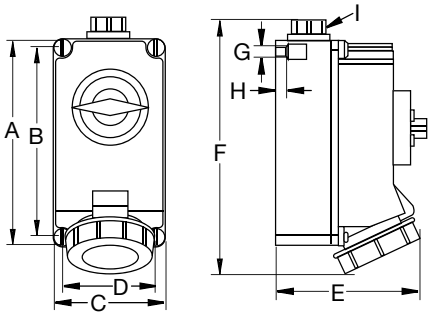
- 30 and 60 amp units provide top or bottom feed option (20 and 100 amp are top feed)
- NEMA 4X and 12 enclosures provide watertight and dust-tight protection
- Heavy duty disconnect switches are horse-power rated for motor load applications
- Watertight conduit hub and grounding plate included for use with metallic conduit

Amps	Poles/ Wires	Configuration Recep./ Conn.	Configuration Plug/ Inlet	Voltage	Interlock	Mating Plug*
20	3P 4W			240V AC 3Ø	**420SMI9W**	**420P9W**
	3P 4W			480V AC 3Ø	**420SMI7W**	**420P7W**
	3P 4W			600V AC 3Ø	**420SMI5W**	**420P5W**
30	2P 3W			120V AC	**330SMI4W**	**330P4W**
	2P 3W			240V AC	**330SMI6W**	**330P6W**
	2P 3W			480V AC	**330SMI7W**	**330P7W**
	3P 4W			240V AC 3Ø	**430SMI9W**	**430P9W**
	3P 4W			480V AC 3Ø	**430SMI7W**	**430P7W**
	3P 4W			600V AC 3Ø	**430SMI5W**	**430P5W**
	4P 5W			120/208V AC 3ØY	**530SMI9W**	**530P9W**
	4P 5W			277/480V AC 3ØY	**530SMI7W**	**530P7W**
32	3P 4W			380V AC 3Ø 50Hz 440V AC 3Ø 60Hz	**432SMI3W**	**432P3W**
60	2P 3W			120V AC	**360SMI4W**	**360P4W**
	2P 3W			240V AC	**360SMI6W**	**360P6W**
	2P 3W			480V AC	**360SMI7W**	**360P7W**
	3P 4W			240V AC 3Ø	**460SMI9W**	**460P9W**
	3P 4W			480V AC 3Ø	**460SMI7W**	**460P7W**
	3P 4W			600V AC 3Ø	**460SMI5W**	**460P5W**
	4P 5W			120/208V AC 3ØY	**560SMI9W**	**560P9W**
	4P 5W			277/480V AC 3ØY	**560SMI7W**	**560P7W**
	4P 5W			347/600V AC 3ØY	**560SMI5W**	**560P5W**
100	2P 3W			240V AC	**3100SMI6W**	**3100P6W**
	3P 4W			240V AC 3Ø	**4100SMI9W**	**4100P9W**
	3P 4W			480V AC 3Ø	**4100SMI7W**	**4100P7W**
	3P 4W			600V AC 3Ø	**4100SMI5W**	**4100P5W**
	4P 5W			120/208V AC 3ØY	**5100SMI9W**	**5100P9W**

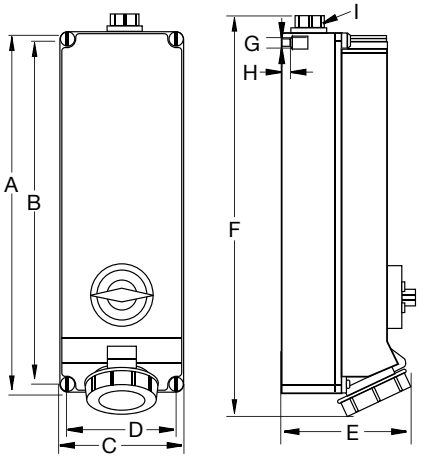
*Note: *Mating plug sold separately.*

Product Dimensions Inches (mm)

	20A	30/32A	60A
A	8.86" (225.0)	10.24" (260.0)	10.24" (260.0)
B	8.19" (208.0)	9.45" (240.0)	9.45" (240.0)
C	4.65" (118.0)	6.30" (160.0)	6.30" (160.0)
D	3.98" (101.0)	5.51" (140.0)	5.51" (140.0)
E	5.00" (127.0)	6.78" (172.0)	7.68" (195.0)
F	9.65" (245.0)	11.68" (297.0)	11.97" (304.0)
G	0.26" (6.5)	0.32" (8.1)	0.32" (8.1)
H	0.31" (8.0)	0.39" (10.0)	0.39" (10.0)
I	¾" NPT	1" NPT	1¼" NPT



	100A
A	18.11" (460.0)
B	17.32" (440.0)
C	7.09" (180.0)
D	6.30" (160.0)
E	8.19" (208.0)
F	20.08" (510.0)
G	0.33" (8.3)
H	0.26" (6.5)
I	1¼" NPT



Listings

UL Listed Standard 1682 (plugs, receptacles, and cable connectors of the pin & sleeve type)
Conforms to UL 1686 (pin & sleeve configuration)

CSA Certified C22.2 No. 182.1 - 13
Complies with IEC 60309-1 and 60309-2 International Standards for singly-rated non-interchangeable configurations
CE

Materials

Plug/Connector	
Housing, gland nut and cord clamp assembly	Toughened nylon
Cord gland	Neoprene
Seals/gaskets	Neoprene, EPDM, TPE
Phase/ground pins	Brass
Terminal screws	Plated steel
Terminal cover	Toughened nylon Glass-reinforced nylon (100A)
Contact carrier	Glass-reinforced nylon, Nylon (60A)
Gland friction washer	Plated carbon steel (30/60/100A) Nylon (20A)
Assembly screws	Stainless steel (60/100A) Plated steel (20/30A)

Plug	
Locking ring	Polycarbonate
Connector	
Cover ring	Polycarbonate
Cover spring	Stainless steel
Hinge pins	Brass
Sleeve spring	Nickel-plated spring steel

Receptacle/Inlet	
Housing/mounting flange	Toughened nylon
Mounting screws	Stainless steel
Seals/gaskets	Neoprene, EPDM, TPE
Phase/ground pins	Brass
Terminal screws	Plated steel
Terminal cover	Toughened nylon Glass-reinforced nylon (100A)
Contact carrier	Glass-reinforced nylon, Nylon (60A)

Receptacle	
Cover arm	Toughened nylon
Cover ring	Polycarbonate
Sleeve spring	Nickel-plated spring steel
Sleeve spring	Nickel-plated spring steel
Hinge pins	Brass

Inlet	
Mounting flange	Toughened nylon
Locking ring	Polycarbonate
Assembly screws	Stainless steel (60/100A), plated steel (20/30A)

Performance

Electrical	
Dielectric voltage withstand	3,000 Volts - receptacle, 2,200 Volts - plug and connector
Max. working voltage	600 Volts AC
Spacings	¼" minimum creepage and clearance per UL 1682
Current interrupting	Certified for current interrupting at full rated current where applicable per UL 1682
Temperature rise	Less than 30°C temperature rise at full rated current after 50 cycles of overload tested at 150% of rated current at 0.75 pf.
Endurance	Up to 5,000 connect and disconnect cycles at full rated current and voltage per UL 1682

Mechanical	
Impact resistance	After 6 hours at -25°C, 8 drops from 2½' with 7½' length cord
Mechanical crush test	250 lbs. force for 1 minute after 6 hours at -25°C
Terminal identification	Terminals identified in accordance with North American Codes
Product identification	Catalog number and rating indicated on device

Environmental	
Moisture resistance	Submerged 24 hours at 2" below water surface
Flammability (enclosure)	V2 minimum per UL 94
Operating temperatures	Maximum continuous 95°C with impact, minimum continuous -40°C without impact
Ingress protection	IP67 suitability
Polarization integrity	Mating devices will not energize ground if polarization feature is removed from housing and 40 lbs. force is applied

The following international electrical regulatory agencies recognize IEC 309 standard Pin & Sleeve devices.

Austria · Belgium · Czech Republic · Denmark
Finland · Germany · Great Britain · Hungary
Italy · Netherlands · Norway · Sweden

Listings

Complies with IEC 60309-1 and 60309-2 International Standards for singly-rated non-interchangeable configurations	CE VDE

Materials

Plug/Connector

Housing, gland nut and cord clamp assembly	Toughened nylon
Cord gland	Neoprene
Seals/gaskets	Neoprene, EPDM, TPE
Phase/ground pins	Brass
Terminal screws	Plated steel
Terminal cover	Toughened nylon
Contact carrier	Glass-reinforced nylon
Gland friction washer	Plated carbon steel (30/60/100A) Nylon (20A)
Assembly screws	Plated steel

Connector

Cover spring	Stainless steel
Phase/ground sleeves	Brass
Sleeve spring	Nickel-plated spring steel
Hinge pins	Brass

Receptacle

Housing/mounting flange and cover arm	Toughened nylon
Cover spring	Stainless steel
Seals/gaskets	Neoprene, EPDM, TPE
Hinge pins	Brass
Contact carrier	Glass-reinforced nylon
Terminal cover	Toughened nylon
Phase/ground sleeves	Brass
Sleeve spring	Nickel-plated spring steel
Mounting screws	Stainless steel
Terminal screws	Plated steel

Performance

Electrical

Dielectric voltage withstand	3,000 Volts - receptacle, 2,200 Volts - plug and connector
Max. working voltage	500 Volts AC
Spacings	¼" minimum creepage and clearance
Current interrupting	Certified for current interrupting at full rated current
Endurance	Up to 5,000 connect and disconnect cycles at full rated current and voltage

Mechanical

Impact resistance	After 6 hours at -25°C, 8 drops from 2½' with 7½' length cord
Mechanical crush test	250 lbs. force for 1 minute after 6 hours at -25°C
Terminal identification	Terminals identified in accordance with IEC 309
Product identification	Catalog number and rating indicated on device

Environmental

Flammability (enclosure)	V2 minimum per UL 94
Operating temperatures	Maximum continuous 95°C with impact, minimum continuous -40°C without impact
Ingress protection	IP44 suitability
Polarization integrity	Mating devices will not energize ground if polarization feature is removed from housing and 40 lbs. force is applied

The following international electrical regulatory agencies recognize IEC 309 standard Pin & Sleeve devices.

Austria · Belgium · Czech Republic · Denmark

Finland · Germany · Great Britain · Hungary

Italy · Netherlands · Norway · Sweden

Listings

UL 508 - Industrial control equipment, manual motor controller
CSA Certified C22.2 No. 14
Complies with UL 50, UL 746C and IEC 60309
Configuration meets UL 1686
IP67 suitability

Materials

Enclosure base	Valox®
Enclosure cover	Valox®
Handle	Valox®
Enclosure gasket	Neoprene
Enclosure screws	Valox®
Hinge pins	Stainless steel
Hinge spring	Stainless steel
Conduit hub	Zinc
Ground plate	Galvanized steel
Cover gasket	Neoprene

Performance

Electrical	
Dielectric voltage withstand	3,000 volts min.
Max. working voltage	600 Volts RMS
Current interrupting	Certified for current interrupting at full rated current and voltage
Short circuit withstand rating	Suitable for use on a circuit capable of delivering not more that 10,000 RMS symmetrica amperes at the voltage rating of the receptacle (30, 60, 100A)
Operations	Mechanical - 10,000 cycles Electrical - 6,000 cycles
Mechanical	
Impact resistance	In accordance with UL 746C
Terminal identification	In accordance with UL, CSA and international conventions
Product identification	Identification and ratings are part of the external label
Environmental	
Moisture resistance	Outdoor - 4x (watertight, washdown) IP67, indoor 12 (dust-tight, falling dirt and non-corrosive liquids)
Flammability	UL94-5V and VO classification
Operating temperature	Max. continuous +60° C, Min. continuous -40° C
UV resistance	All exposed materials are UV stabilized

Horsepower Ratings

Catalog Number	Amps	Rating	Horsepower
420SMI9W	20	240V AC 3Ø	5
420SMI7W	20	480V AC 3Ø	10
420SMI5W	20	600V AC 3Ø	15
330SMI4W	30	120V AC	2
330SMI6W	30	240V AC	3
330SMI7W	30	480V AC	7.5
430SMI9W	30	240V AC 3Ø	7.5
430SMI7W	30	480V AC 3Ø	15
430SMI5W	30	600V AC 3Ø	20
530SMI9W	30	120/208V AC 3ØY	5
530SMI7W	30	277/480V AC 3ØY	15
432SMI3W	32	380V AC 3Ø 50 Hz 440V AC 3Ø 60Hz	15 (440V AC 3Ø 60 Hz)

Catalog Number	Amps	Rating	Horsepower
360SMI4W	60	120V AC	3
360SMI6W	60	240V AC	7.5
360SMI7W	60	480V AC	20
460SMI9W	60	240V AC 3Ø	15
460SMI7W	60	480V AC 3Ø	30
460SMI5W	60	600V AC 3Ø	40
560SMI9W	60	120/208V AC 3ØY	15
560SMI7W	60	277/480V AC 3ØY	30
560SMI5W	60	347/600V AC 3ØY	40
3100SMI6W	100	240V AC	15
4100SMI9W	100	240V AC 3Ø	25
4100SMI7W	100	480V AC 3Ø	40
4100SMI5W	100	600V AC 3Ø	50
5100SMI9W	100	120/208V AC 3ØY	20

Valox® is a registered trademark of SABIC Innovative Plastics, acquired from General Electric Company.

Section K

Cam-Type Devices, Power Distribution Boxes and Temporary Power

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Cam-Type Devices

Series 15 - 150 Amp 600V AC/250V DC

Bryant offers a full line of innovative, high quality, Series 15 and Series 16 cam-type plugs, receptacles and accessories.

Cam-Type devices are the right choice for supplying temporary electrical power distribution for entertainment, theme parks, carnival equipment, concerts, movie making, and numerous other applications requiring temporary power.

Cam-Type devices have been designed with ease of assembly and disassembly in mind, no special tools are required. A high strength non-conductive retaining screw is all that is needed to securely lock the contacts to the insulated sleeve.

Enclosure Types
3R, 4X, 12

150A 600V AC/250V DC Plugs

HBL15MBK

HBL15FBK

Description	Color	Male Plug	Female Plug
Thermoplastic elastomer, cable size #8 - #2 AWG	Black	**HBL15MBK**	**HBL15FBK**
	White	**HBL15MW**	**HBL15FW**
	Green	**HBL15MGN**	**HBL15FGN**
	Red	**HBL15MR**	**HBL15FR**
	Blue	**HBL15MBL**	**HBL15FBL**

150A Panel Mount Receptacles

HBL15FRSGN

HBL15MRSR

HBL15FRW

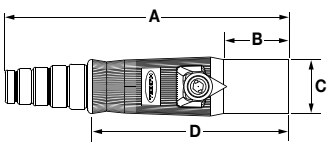
HBL15MRBL

		Stud Type 11/16" x 3/4"		Double Set Screw Cable Size #4 - 4/0	
Description	Color	Female Receptacles	Male Receptacles	Female Receptacles	Male Receptacles
Panel mount, thermoplastic, mates with 150 amp plugs, cable size #8 - #2 AWG	Black	**HBL15FRSBK**	**HBL15MRSBK**	**HBL15FRBK**	**HBL15MRBK**
	White	**HBL15FRSW**	**HBL15MRSW**	**HBL15FRW**	**HBL15MRW**
	Green	**HBL15FRSGN**	**HBL15MRSGN**	**HBL15FRGN**	**HBL15MRGN**
	Red	**HBL15FRSR**	**HBL15MRSR**	**HBL15FRR**	**HBL15MRR**
	Blue	**HBL15FRSBL**	**HBL15MRSBL**	**HBL15FRBL**	**HBL15MRBL**

Product Dimensions Inches (mm)

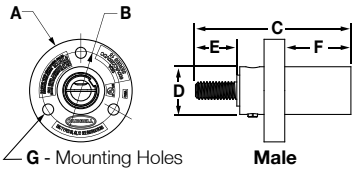
	Male Plug	Female Plug
A	4.54" (115.3)	4.60" (116.8)
B	1.04" (26.4)	1.11" (28.2)
C	0.86" (21.8)	0.68" (17.3)
D	3.22" (81.7)	3.28" (83.2)

In-Line Plug (Male shown)

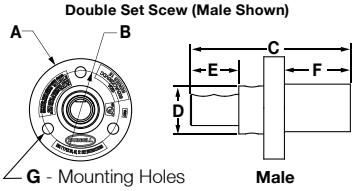


	Receptacle			
	Stud Type		Double Set Screw	
	Male	Female	Male	Female
A	1.86" (47.2)	1.86" (47.2)	1.86" (47.2)	1.86" (47.2)
B	1.37" (34.8)	1.37" (34.8)	1.37" (34.8)	1.37" (34.8)
C	2.82" (71.6)	2.88" (73.1)	2.90" (73.6)	2.95" (74.9)
D	0.86" (22.0)	0.86" (22.0)	0.86" (22.0)	0.86" (22.0)
E	0.75" (19.0)	0.75" (19.0)	0.88" (22.2)	0.87" (22.2)
F	1.20" (30.5)	1.26" (32.0)	1.20" (30.5)	1.26" (32.0)
G	3x Ø .20"	3x Ø .20"	3x Ø .20"	3x Ø .20"
	Stud Termination 5/16-18		(2) 5/32 Socket Head Set Screws	

Threaded Stud (Male Shown)



Double Set Scew (Male Shown)



Specifications are subject to change without notice.

Cam-Type Devices

Series 15 - 150 Amp 600V AC/250V DC

Enclosure Types
3R, 4X, 12

Tees, Gender Reversing Devices and Replacement Bodies

HBL15TGN

HBL15PTGN

HBL15DMGN

HBL15DFW

HBL15MBBK

HBL15FBBK

	Tapping Tee	Paralleling Tee	Gender Reversing Devices		Replacement Bodies (25 Pack)	
Color	(Female-Female-Male)	(Female-Male-Male)	Double Male (Male-Male)	Double Female (Female-Female)	Male Body	Female Body
Black	**HBL15TBK**	**HBL15PTBK**	**HBL15DMBK***	**HBL15DFBK***	**HBL15MBBK**	**HBL15FBBK**
White	**HBL15TW**	**HBL15PTW**	**HBL15DMW**	**HBL15DFW**	**HBL15MBW**	**HBL15FBW**
Green	**HBL15TGN**	**HBL15PTGN**	**HBL15DMGN**	**HBL15DFGN**	**HBL15MBGN**	**HBL15FBGN**
Red	**HBL15TR**	**HBL15PTR**	**HBL15DMR***	**HBL15DFR***	**HBL15MBR**	**HBL15FBR**
Blue	**HBL15TBL**	**HBL15PTBL**	**HBL15DMBL***	**HBL15DFBL***	**HBL15MBBL**	**HBL15FBBL**

*Note: *Not UL listed, consult factory for availability.*

Protective Caps and Weather Protective Covers

HBL15MCAPBK

HBL15FCAPBK

HBL15NCBK

	Protective Caps		Weather Protective Covers
Color	Fits Male Devices	Fits Female Devices	
Black	**HBL15MCAPBK**	**HBL15FCAPBK**	**HBL15NCBK**
White	**HBL15MCAPW**	**HBL15FCAPW**	**HBL15NCW**
Green	**HBL15MCAPGN**	**HBL15FCAPGN**	**HBL15NCGN**
Red	**HBL15MCAPR**	**HBL15FCAPR**	**HBL15NCR**
Blue	**HBL15MCAPBL**	**HBL15FCAPBL**	**HBL15NCBL**

Replacement Contacts (25 Pack)

HBL15RCM

HBL15RCF

Description	Male Pin	Female Sleeve
Contact, 150 amp	**HBL15RCM**	**HBL15RCF**

Accessories

HBL15PK

HBL15RS

HBL15CF

HBL15BW

HBL15TS25

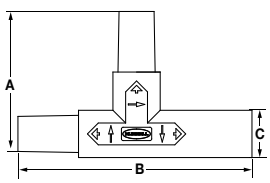
HBL15TS375

HBL15F2
HBL15F4

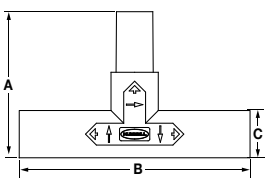
Accessory Kit	Retaining Screw (100 Pack)	Copper Foil (100 Pack)	Brass Wire (100 Pack)	Terminal Screws (100 Pack)		Ferrules (100 Pack)	
				In-Line	Panel Mount	#2 AWG	#4 AWG
HBL15PK	**HBL15RS**	**HBL15CF**	**HBL15BW**	**HBL15TS25**	**HBL15TS375**	**HBL15F2**	**HBL15F4**

Product Dimensions Inches (mm)

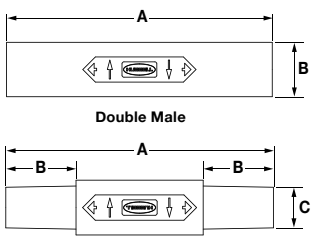
	Tees		Gender Reversing Devices		
	Tapping	Paralleling	Double Male	Double Female	Weatherproof Covers
A	2.67" (67.9)	2.67" (67.9)	4.22" (107.3)	4.22" (107.3)	2.03" (51.5)
B	4.28" (45.9)	4.22" (107.2)	0.86" (21.8)	1.05" (26.7)	1.14" (29.0)
C	0.865" (21.9)	0.865" (21.9)	—	0.68" (17.3)	1.49" (37.9)

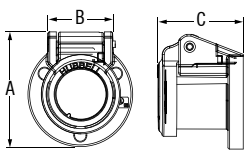


Tapping Tee



Paralleling Tee





Weatherproof Cover

Cam-Type Devices

Series 16 - 300 and 400 Amp Plugs and Receptacles

- Ergonomic housing for superior gripping
- Non-conductive retaining screw locks contacts in place
- Large raised alignment arrow aids in the mating of devices
- Double cam design provides high contact pressure and a vibration resistant connection
- High conductivity brass contacts
- Extra long locking ring

Enclosure Types
3R, 4X, 12

300A and 400A 600V AC/250V DC Plugs

HBL300MBL

HBL300FBL

HBL400MBK

HBL400FBK

		300 Amp, Cable Size #4 - 2/0		400 Amp, Cable Size 2/0 - 4/0	
Description	Color	Male Plug	Female Plug	Male Plug	Female Plug
Thermoplastic elastomer plugs.	Black	**HBL300MBK**	**HBL300FBK**	**HBL400MBK**	**HBL400FBK**
	White	**HBL300MW**	**HBL300FW**	**HBL400MW**	**HBL400FW**
	Green	**HBL300MGN**	**HBL300FGN**	**HBL400MGN**	**HBL400FGN**
	Red	**HBL300MR**	**HBL300FR**	**HBL400MR**	**HBL400FR**
	Blue	**HBL300MBL**	**HBL300FBL**	**HBL400MBL**	**HBL400FBL**
	Brown	**HBL300MBN**	**HBL300FBN**	**HBL400MBN**	**HBL400FBN**
	Orange	**HBL300MO**	**HBL300FO**	**HBL400MO**	**HBL400FO**
	Yellow	**HBL300MY**	**HBL300FY**	**HBL400MY**	**HBL400FY**

400A Panel Mount Receptacles

HBLMRSBL

HBLFRSY

HBLMRSCR

HBLFRSCGN

HBLMRO

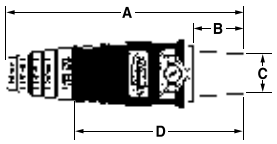
HBLFRBK

		Stud Type				Double Set Screw	
		Through Hole Mounting		Threaded Mounting Holes		Cable Size #4 - 4/0	
Description	Color	Male Plug	Female Plug	Male Plug	Female Plug	Male Plug	Female Plug
Thermoplastic elastomer plugs. mates with 300 and 400 Amp plugs.	Black	**HBLMRSBK**	**HBLFRSBK**	**HBLMRSCBK**	**HBLFRSCBK**	**HBLMRBK**	**HBLFRBK**
	White	**HBLMRSW**	**HBLFRSW**	**HBLMRSCW**	**HBLFRSCW**	**HBLMRW**	**HBLFRW**
	Green	**HBLMRSGN**	**HBLFRSGN**	**HBLMRSCGN**	**HBLFRSCGN**	**HBLMRGN**	**HBLFRGN**
	Red	**HBLMRSR**	**HBLFRSR**	**HBLMRSCR**	**HBLFRSCR**	**HBLMRR**	**HBLFRR**
	Blue	**HBLMRSBL**	**HBLFRSBL**	**HBLMRSCBL**	**HBLFRSCBL**	**HBLMRBL**	**HBLFRBL**
	Brown	**HBLMRSBN**	**HBLFRSBN**	**HBLMRSCBN**	**HBLFRSCBN**	**HBLMRBN**	**HBLFRBN**
	Orange	**HBLMRSO**	**HBLFRSO**	**HBLMRSCO**	**HBLFRSCO**	**HBLMRO**	**HBLFRO**
	Yellow	**HBLMRSY**	**HBLFRSY**	**HBLMRSCY**	**HBLFRSCY**	**HBLMRY**	**HBLFRY**

Product Dimensions Inches (mm)

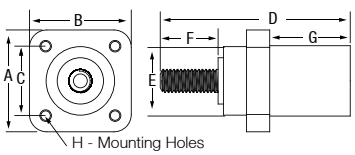
	Male Plug	Female Plug
A	6.74" (171.2)	6.84" (173.6)
B	1.47" (37.3)	1.44" (36.6)
C	1.48" (37.6)	1.06" (27.0)
D	4.78" (121.4)	4.80" (122.0)

In-line Plug (Male shown)

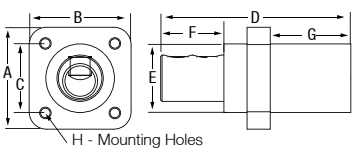


	Receptacle		
	Stud Type		Double Set Screw
	Through Hole	Threaded Holes	Threaded Holes
A	2.20" (55.9)	2.20" (55.9)	2.20" (55.9)
B	2.20" (55.9)	2.20" (55.9)	2.20" (55.9)
C	1.50" (38.1)	1.50" (38.1)	1.50" (38.1)
D	4.10" (104.3)	3.67" (93.2)	4.10" (104.3)
E	1.48" (47.4)	1.48" (47.4)	1.48" (47.4)
F	1.25" (31.7)	1.11" (28.2)	1.36" (34.5)
G	1.74" (44.2)	1.55" (39.4)	1.74" (44.2)
H	4x Ø .20"	4x #10-32	4x #10-32
	Stud Termination 1/2-13 UNC-2A		(2) 7/32 Socket Head Set Screws

Threaded Stud (Male Shown)



Double Set Scew (Male Shown)



Specifications are subject to change without notice.

Cam-Type Devices

Tees, Tri-Taps, Distribution Blocks and Accessories

Enclosure Types
3R, 4X, 12

Tees, 3-Fers and Gender Reversing Devices

HBLTBN

HBLPTY

HBLM3FBK

HBLF3MR

HBLDMBL

HBLDFBK

HBL7DBGN

Color	Tapping Tee (Female-Female-Male)	Paralleling Tee (Female-Male-Male)	3-Fers (Male-Female-Female-Female)	3-Fers (Female-Male-Male-Male)	Gender Reversing Devices Double Male (Male-Male)	Gender Reversing Devices Double Female (Female-Female)	Distribution Block (1 Male, 6 Females)
Black	**HBLTBK**	**HBLPTBK**	**HBLM3FBK**	**HBLF3MBK**	**HBLDMBK**	**HBLDFBK**	**HBL7DBBK**
White	**HBLTW**	**HBLPTW**	**HBLM3FW**	**HBLF3MW**	**HBLDMW**	**HBLDFW**	**HBL7DBW**
Green	**HBLTGN**	**HBLPTGN**	**HBLM3FGN**	**HBLF3MGN**	**HBLDMGN**	**HBLDFGN**	**HBL7DBGN**
Red	**HBLTR**	**HBLPTR**	**HBLM3FR**	**HBLF3MR**	**HBLDMR**	**HBLDFR**	**HBL7DBR**
Blue	**HBLTBL**	**HBLPTBL**	**HBLM3FBL**	**HBLF3MBL**	**HBLDMBL**	**HBLDFBL**	**HBL7DBBL**
Brown	**HBLTBN**	**HBLPTBN**	**HBLM3FBN**	**HBLF3MBN**	**HBLDMBN**	**HBLDFBN**	**HBL7DBBN**
Orange	**HBLTO**	**HBLPTO**	**HBLM3FO**	**HBLF3MO**	**HBLDMO**	**HBLDFO**	**HBL7DBO**
Yellow	**HBLTY**	**HBLPTY**	**HBLM3FY**	**HBLF3MY**	**HBLDMY**	**HBLDFY**	**HBL7DBY**

Replacement Bodies

HBLMBBK

HBLFBBK

Color	Male Body	Female Body
Black	**HBLMBBK**	**HBLFBBK**
White	**HBLMBW**	**HBLFBW**
Green	**HBLMBGN**	**HBLFBGN**
Red	**HBLMBR**	**HBLFBR**
Blue	**HBLMBBL**	**HBLFBBL**
Brown	**HBLMBBN**	**HBLFBBN**
Orange	**HBLMBO**	**HBLFBO**
Yellow	**HBLMBY**	**HBLFBY**

Protective Caps and Weather Protective Covers

HBLMCAPBK

HBLFCAPBK

HBLSCW

HBLNCBK

Color	Protective Caps Fits Male Devices	Protective Caps Fits Female Devices	Snap Back Covers (3R Only) Through Hole Mounting	Snap Back Covers (3R Only) Threaded Mounting Hole	Weather Protective Covers
Black	**HBLMCAPBK**	**HBLFCAPBK**	**HBLSCBK***	**HBLSCCBK***	**HBLNCBK**
White	**HBLMCAPW**	**HBLFCAPW**	**HBLSCW***	**HBLSCCW***	**HBLNCW**
Green	**HBLMCAPGN**	**HBLFCAPGN**	**HBLSCGN***	**HBLSCCGN***	**HBLNCGN**
Red	**HBLMCAPR**	**HBLFCAPR**	**HBLSCR***	**HBLSCCR***	**HBLNCR**
Blue	**HBLMCAPBL**	**HBLFCAPBL**	**HBLSCBL***	**HBLSCCBL***	**HBLNCBL**
Brown	**HBLMCAPBN**	**HBLFCAPBN**	**HBLSCBN***	**HBLSCCBN***	**HBLNCBN**
Orange	**HBLMCAPO**	**HBLFCAPO**	**HBLSCO***	**HBLSCCO***	**HBLNCO**
Yellow	**HBLMCAPY**	**HBLFCAPY**	**HBLSCY***	**HBLSCCY***	**HBLNCY**

*Note: *Type 3R only.*

Accessories

HBLPK

HBLRS

HBLCF

HBLBW

HBLTS

HBLTSR

Accessory Kit	Retaining Screw (100 Pack)	Copper Foil (100 Pack)	Brass Wire (100 Pack)	Terminal Screws (100 Pack) In-Line	Terminal Screws (100 Pack) Panel Mount
HBLPK	**HBLRS**	**HBLCF**	**HBLBW**	**HBLTS**	**HBLTSR**

Replacement Contacts

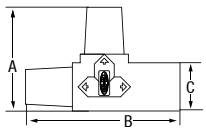
HBL300RCM

HBL300RCF

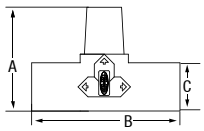
Contact Size	Male Pin	Female Body
300 Amp	**HBL300RCM**	**HBL300RCF**
400 Amp	**HBL400RCM**	**HBL400RCF**

Product Dimensions Inches (mm)

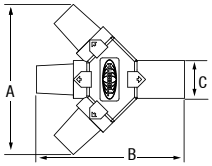
	Tees Tapping	Tees Paralleling	3-Fers	Gender Reversing Devices Double Male	Gender Reversing Devices Double Female	Covers Snap Back	Covers Weatherproof
A	3.18" (80.8)	3.18" (80.8)	5.88" (149.3)	4.65" (118.1)	4.84" (122.9)	2.26" (57.4)	2.20" (55.88)
B	4.74" (120.4)	4.65" (118.1)	5.78" (146.9)	1.48" (37.6)	1.44" (36.6)	2.37" (60.2)	1.16" (29.44)
C	1.48" (37.6)	1.48" (37.6)	1.48" (37.6)	—	1.06" (27.0)	—	2.03" (51.5)



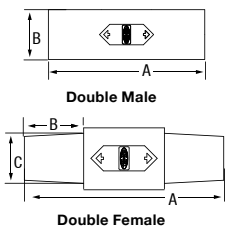
Tapping Tee

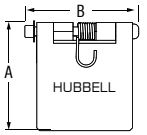


Paralleling Tee

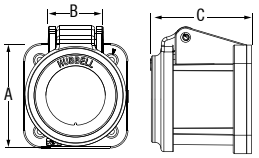


3-FER





Snap Back Cover



Weatherproof Cover

Power Distribution Boxes

Temporary Power Boxes, Cable Sets and Replacement Parts

- Weatherproof receptacle lift covers
- Available with six 20A straight blade or locking receptacles
- Features 50A locking input and output
- Over current protection for each circuit
- Individual GFCI module for each receptacle
- Nested leg design allows boxes to be easily stacked
- UL Type 3R for outdoor rainproof applications

Temporary Power Distribution Boxes

Rating	Type	Qty	Receptacle Ratings	Protection Overload	GFCI Protected	Catalog Number
50A 120/240V AC (Max.)	Straight Blade	6	20A 125V	Yes	Yes	**TPDSB**
	Locking	1	30A 250V	Yes	No	
	Locking (inlet)	1	50A 125/250V	No	No	
	Locking (outlet)	1	50A 125/250V	No	No	
50A 120/240V AC (Max.)	Locking	6	20A 125V	Yes	Yes	**TPDLB**
	Locking	1	30A 250V	Yes	No	
	Locking (inlet)	1	50A 125/250V	No	No	
	Locking (outlet)	1	50A 125/250V	No	No	

Cable Sets

TPC50B

Description	50 Ft. Cable	100 Ft. Cable
50A cord set, #6/3, #8/1 cable type, with 50A locking plug and connector, not UL Listed or CSA Certified	**TPC50B***	**TPC100B***

Replacement Parts

CS6365L

CS6375L

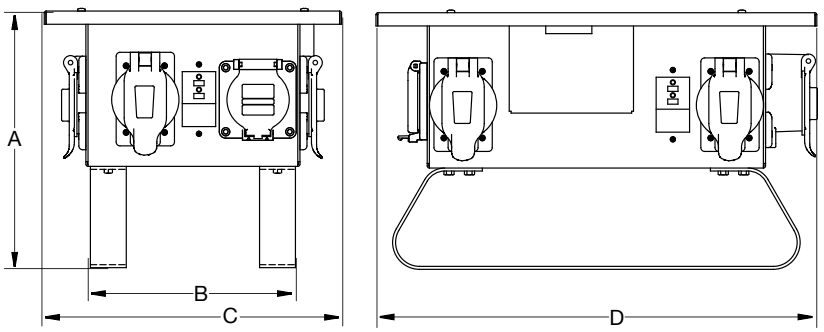
7774CR

7780

Description	20A 125V	30A 250V	50A 125/250V
Straight blade receptacle	**CRS20**	—	—
Locking receptacle	—	**70530FR**	**CS6369L**
Plug	—	—	**CS6365L**
Connector	—	—	**CS6364L**
Inlet	—	—	**CS6375L**
Weather protective plate for receptacle	**RW51470**	**7420B**	**7774CR**
Weather protective plate for inlet	—	—	**7780**

Product Dimensions Inches (mm)

	TPD Box
A	12.52" (317.9)
B	10.23" (259.8)
C	14.50" (368.3)
D	21.50" (546.1)



Specifications are subject to change without notice.

Power Distribution Boxes

Weather Protective Lift Covers, Portable Outlet Boxes and Plates

- Wiring room large enough to accommodate the broadest range of device requirements in one box size
- Cord entry options include pre-defined range of 0.38 in. to 0.50 in.
- Fully thermoplastic elastomer housing exceeds UL crush requirements and is highly impact resistant, available in black or yellow
- Brass inserts for maximum strength
- Extended wall protects lift covers from impact damage

- Impact resistant PBT material
- UL Type 3R seal on a panel or on a portable outlet box
- Stainless steel hinge and spring

Pre-Assembled Portable Outlet Boxes (with Cord Connector Installed) Inches (mm)

Box Suitable for Wet and Damp Locations

IP44
SUITABILITY

BRY3099

BRY3090F

BRY3000

Description	Cord Range	Color	Deep	Deep with Feed-Thru	Deep with (2) Duplex Cover Plates
Portable outlet boxes	0.38"-0.50" (9.7-12.7)	Yellow	**BRY3099**	**BRY3090F**	**BRY3000**

Note: For use with NEMA Type 1 and Type 3R portable outlet box covers listed below.

Portable Outlet Box Cover Plates (NEMA Type 1) and Lift Covers (Type 3R)

UL Type 1, 3R

IP65, 66
SUITABILITY

BRY3051

BRY3056

BRY3052

BRY3057

BRY3055

BRY3058

BRY3060

BRY3061

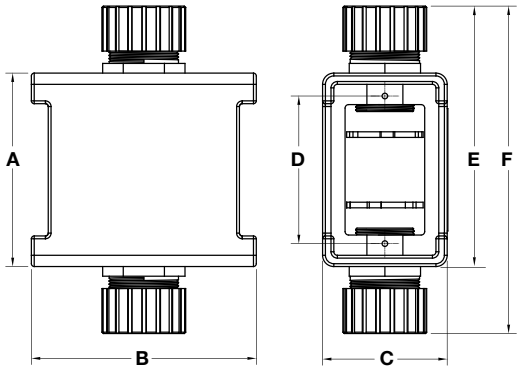
BRY3054

Description	Duplex		1.39" Diameter Receptacle		1.572" Diameter Receptacle		GFCI		Blank
	Box Cover UL Type 1	Lift Cover UL Type 3R	Box Cover UL Type 1	Lift Cover UL Type 3R	Box Cover UL Type 1	Lift Cover UL Type 3R	Box Cover UL Type 1	Lift Cover UL Type 3R	Lift Cover UL Type 3R
Portable outlet box cover plates	**BRY3051**	**BRY3056**	**BRY3052**	**BRY3057**	**BRY3055**	**BRY3058**	**BRY3060**	**BRY3061**	**BRY3054**

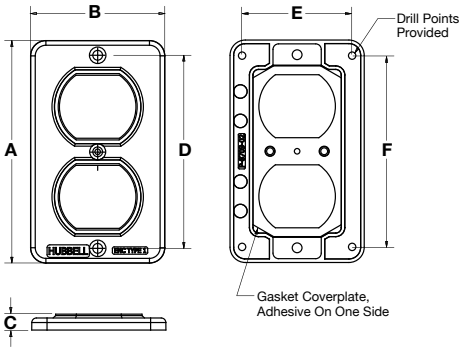
Product Dimensions Inches (mm)

	Portable Outlet Boxes
A	4.30" (109.2)
B	5.00" (127.0)
C	2.77" (70.4)
D	3.28" (83.3)
E	5.79" (147.0)
F	7.28" (184.9)

	Box Covers
A	3.78" (96.0)
B	2.28" (57.9)
C	0.27" (6.9)
D	3.28" (83.3)
E	1.87" (47.5)
F	3.25" (82.6)



Style shown is representative of all oppenings.



Temporary Lighting

Construction Site Lighting

Bryant's outdoor approved construction site lighting line includes both heavy-duty metal halide lights and light strings for working in rugged environments. The metal halide fixtures feature extremely strong and compact heads with bulbs rated to last 10,000 hours. All frames are powder-coated yellow for safety and are constructed of a durable 1.25 inch, 12 gauge steel tube.

Light strings for all applications are available in a variety of models as well as a choice of metal or plastic guards. Light sockets are spaced 10 feet apart and all sockets, plugs, and connectors are molded for added durability. In addition, the highly impact-resistant material makes for easy transportation and storage when not in use. Bulbs can be incandescent, fluorescent or LED. Consider choosing LED lighting for a durable bulb that saves energy, provides instant illumination and are rated to last 50,000 hours.

BRYMH1000

Metal Halide Lights

Description	Rating	Watts	Lumen Output	Cord Length	Catalog Number
5 -10 ft. metal halide cart light with portable detachable ballast	15A 125V	1,000	110,000	—	**BRYMH1000**
6 -12 ft. metal halide cart light	15A 125V	2,000	220,000	—	**BRYMH2000**
High bay metal halide light with wire guard	15A 125V	400	29,000	3 ft.	**BRYMHHB400**

BRYMHHB400

LED Stringer Lights

Description	No. of Fixtures	Rating	Cord Type	Lumen Output	Cord Length	Catalog Number
90 LEDs per fixture, light string with magnetic base included	1	15A 125V	18/2 SJTW	450*	20 ft.	**BRY182S20LED**
90 LEDs per fixture, light string	5	15A 125V	18/2 SJTW	450*	50 ft.	**BRY182S50LED**
	10	15A 125V	18/2 SJTW	450*	100 ft.	**BRY182S100LED**
28W High power LED light string with in line ON/OFF switch	—	15A 125V	16 AWG SJTOW	2,928	6 ft.	**BRYLS2834**
Magnetic clip bracket for LED lights switch, single fixture	—	—	—	—	—	**BRYSTMC**

*Note: *Lumens per fixture.*

BRY182S50LED

A Type (Edison) Locking and Straight Blade Light Strings

Description	Max Watts*	Rating	Cord Type	Fixtures	Cord Length	Catalog Number
Locking light string, plastic guards	150	20A 125V	12/3 STW	10	100 ft.	**BRY123S100PT**
	150	20A 125V	12/3 STJW	10	100 ft.	**BRY123SJ100PT**
Locking light string, metal guards	150	20A 125V	12/3 STW	10	100 ft.	**BRY123S100MT**
Straight blade light string, plastic guards	150	15A 125V	14/2 STJW	10	100 ft.	**BRY142SJ100PS**
	150	15A 125V	12/3 STW	10	100 ft.	**BRY123S100PS**
	150	15A 125V	12/3 STJW	10	100 ft.	**BRY123SJ100PS**
Straight blade light string, metal guards	150	15A 125V	12/3 STW	10	100 ft.	**BRY123S100MS**
Straight blade light string, plastic guards	150	15A 125V	12/3 STW	5	50 ft.	**BRY123S50PS**
Straight blade light string, metal guards	150	15A 125V	12/3 STW	5	50 ft.	**BRY123S50MS**
Replacement plastic guard for temporary light strings	—	—	—	—	—	**BRYSTPG**
Replacement heavy duty metal guard for temporary light strings	—	—	—	—	—	**BRYSTMG**

*Note: *Max watts per fixture.*

BRY123S100MT

BRY142SJ100PS

Fluorescent Light Strings

Description	Wattage	Rating	Cord Type	Lumen Output	Cord Length	Catalog Number
Fluorescent light string, 34.5 in. single fixture with hanging straps	50	15A 125V	16 AWG SJTOW	3,750	6 ft.	**BRYFS5035**
Fluorescent light string, 48.5 in. single fixture with hanging straps	25	15A 125V	16 AWG SJTOW	2,125	6 ft.	**BRYFS2549**

BRYFS2549
Straps not Shown

Temporary Lighting

Maintenance and Worklights

LED Maintenance Worklights

Description	Outlet Rating	Rating	Wattage	Lumen Output	Cord Type	Cord Length	Catalog Number
LED Industrial maintenance light	N/A	15A 125V	28	2,928	16/3 SJEOW	25 ft.	**BRYML2825L**
LED worklight with end light feature	N/A	15A 125V	9	920/120	18/2 SJTOW	25 ft.	**BRYWL25LED**
LED worklight with end light feature and tool tap	12A	15A 125V	9	920/120	16/3 SJTOW	25 ft.	**BRYWL25LEDT**

BRYML2825L

BRYWL25LED

Fluorescent Maintenance Worklights

Description	Outlet Rating	Rating	Wattage	Lumen Output	Cord Type	Cord Length	Catalog Number
Fluorescent worklight with straight blade plug	N/A	15A 125V	13	825	16/3 SJTOW	25 ft.	**BRYTW25F1**
Fluorescent worklight with locking plug and tool tap	12A	20A 125V	13	825	16/3 SJTOW	25 ft.	**BRYTW25F2**
Fluorescent maintenance light, 34.5 in.	N/A	15A 125V	50	3,750	16/3 SJEOW	25 ft.	**BRYML5025**
Fluorescent maintenance light, 48.5 in.	N/A	15A 125V	25	2,125	16/3 SJEOW	25 ft.	**BRYML2525**
Fluorescent worklight, 45 in.	N/A	15A 125V	25	2,125	16/3 SJTOW	25 ft.	**BRYWL2525**

BRYTW25F2

BRYML5025

BRYWL2525

Accessories and Replacement Items

Description	Catalog Number
Magnetic mounting bracket for ML style lights, 82 lb. capacity	**BRYMLMM**
Magnetic mounting bracket for WL style lights, 58 lb. capacity	**BRYWLMM**
Replacement rough service fluorescent bulb for 13 watt style lamps	**BRYREPPFB**
Metal halide replacement bulb, 400 watts	**BRYREP400MH**
Metal halide replacement bulb, 1,000 watts	**BRYREP1000MH**
Replacement LED panel fixture, 90 LEDs, 450 lumen	**BRYREP450LED**
5 base LED string only, 50 ft., 18/2	**BRYREP182S50**
10 base LED string only, 100 ft., 18/2	**BRYREP182S100**

BRYMLMM

BRYWLMM

BRYSTMC

BRYSTMG

BRYSTPG

Explosion Proof/Confined Space Lighting

Hazardous Location Lights

Description	Wattage	Lumen Output	Cord Type	Cord Length	Catalog Number
Fluorescent, Class 1, Div 1 Groups C & D, Class 2, Div 1 Groups F & G, 12V, in-line transformer	26	1,800	16/3 SOW	60 ft.	**BRYXF6012V**
Incandescent, Class 1, Div 1 Groups C & D, 12V, in-line transformer	75	720	16/3 SOW	60 ft.	**BRYXI6012V**
Fluorescent, Class 1, Div 1 Groups C & D, Class 2, Div 1 Groups F & G, 120V, less plug	26	1,800	16/3 SOW	50 ft.	**BRYXF50120V**
Incandescent, Class 1, Div 1 Groups C & D, 120V less plug	100	1,230	16/3 SOW	50 ft.	**BRYXI50120V**
Fluorescent, non-explosion proof, wet location, 12V, in-line transformer	13	825	18/2 SJTOW	60 ft.	**BRYWT6012V**

BRYXF6012V

BRYXI6012V

BRYWT6012V

Cordless Hazardous Location Light

Description	Wattage	Lumen Output	Rating	Catalog Number
Intrinsically safe, Class 1, Div 1 Groups C & D, with universal charger	9	378	4.8V	**BRYIS300**

BRYIS300

Cam-Type Devices Power Distribution Boxes

Cord Reels

Cord Reels with Hand Lamps

Description	Wattage	Lumen Output	Light Amps/ Outlet Amps	Volts	Cord Type	Cord Length	Catalog Number
Reel with LED hand lamp, with flashlight end, white	9	920/120	0.065 / N/A	125	18/2 SJTOW	40 ft.	**BRYC40182LED**
Reel with non-metallic incandescent hand lamp and automatic shut off switch, yellow	75 Max.	1,150 Max	N/A / N/A	125	16/3 SJT	25 ft.	**BRYC25163AIN**
Reel with metallic incandescent hand lamp with receptacle, yellow	75 Max.	1,150 Max	N/A / 10	125	16/3 SJT	25 ft.	**BRYC25143IN**
Reel with fluorescent hand lamp and automatic shut off switch, white	13	825	0.3 / N/A	120	18/2 SJTOW	40 ft.	**BRYC40182AFL**
Reel with flouorescent hand lamp and in-line receptacle, white	13	825	0.3 / 12	120	16/3 SJT	40 ft.	**BRYC40163FL**

BRYC40182LED

Cam-Type Device Specifications

Series 15 - Listings

UL and cUL Listed.
UL Enclosure Types 3R, 4X, 12.
Flammability: HB per UL94 or CSA 22.2. 0.17.
UL 1691 standard for single pole locking-type separable connectors.
National Electric Code (NEC®), ANSI/NFPA 70.

Series 16 - Listings

UL and cUL Listed.
UL Enclosure Types 3R, 4X, 12.
Flammability: HB per UL94 or CSA 22.2. 0.17.
UL 498 for attachment plugs and receptacles.
UL 1691 draft standard for single pin and sleeve devices intended for theatre, stage and studio applications (Series 16 pending).
National Electric Code (NEC®), ANSI/NFPA 70.

Conductor Ampacity Chart (Type SC/PPC Wire)

Cable Size		Ampacity*	
150A	300A and 400A	150A	300A and 400A
#8	#4	80	140
#6	#2	105	190
#4	2/0	140	300
#2	4/0	190	405

*Note: *90°C column NEC Table 400.5(A)(2).*

Performance

Electrical	Series 15 - 150A	Series 16 - 300A and 400A
Voltage rating	600V AC Maximum, 250V DC Maximum	600V AC Maximum, 250V DC Maximum
Amperage rating	150A Maximum	400A Maximum
Mechanical		
Terminal accommodation	Plug: #8 to #2 AWG Recept.: #8 to #2 AWG	Plug– 300A – #6 to 2/0 AWG Plug– 400A – 2/0 to 4/0 AWG Recept.– 400A – #4 to 4/0 AWG
Product identification	Ratings are a permanent part of device	Ratings are a permanent part of device
Base compound	Plug: Thermoplastic Elastomer (TPE) Receptacle: Polybutylene Terephthalate (PBT)	Thermoplastic Elastomer (TPE)
Contact material	Brass	Brass
Retaining screw material	Nylon	Nylon
Operating temperature	Max. continuous +60° C, Min. continuous -40° C	Max. continuous +60° C, Min. continuous -40° C
UV resistance	All exposed materials are UV stabilized	All exposed materials are UV stabilized

Power Distribution Box and Cable Specifications

Listings	Box Specification	Cable Specification
	UL 1640, UL 943	Connectors: UL/CSA, Cable: MSHA
Environment		
	Indoor and outdoor wet and dry locations	Indoor and outdoor wet and dry locations
Enclosure type		
	3R, rainproof, suitable for use in damp locations	
Code Compliance		
	NEC®, ANSI/NFPA 70	

NEC® is a registered trademark of the National Fire Protection Association (NFPA).

Section L

Electric Cord and Cable Reels

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Electric Cord and Cable Reels

Weatherproof Cable Reels

- UL Type 4X enclosure rating protects spring motor, junction box, slip ring assembly and cable entrance from hose/down or corrosion
- Multi-position nylon roller guide can be mounted in four different positions
- Ratchet lock can be disengaged in field for constant tension applications
- Powder coated, solid steel construction protects reel from abrasion or corrosion
- Optional pivot base allows 340° rotation of reel and increases range of cable to nearly any direction

Weatherproof Cable Reels, 50 Feet (15.2m)

Description	Cable Type	Amps	Volts AC	Weight Lbs. (kg)	Catalog Number
14" weatherproof reel	14/3 SOW-A	15	600	55 (24.9)	**BRY501431W***
16" weatherproof reel	12/3 SOW-A	20	600	80 (36.3)	**BRY501232W***
16" weatherproof reel	12/4 SOW-A	16	600	86 (39.0)	**BRY501242W***
16" weatherproof reel	10/3 SOW-A	25	600	86 (39.0)	**BRY501032W***
16" weatherproof reel	10/4 SOW-A	20	600	92 (41.7)	**BRY501042W***

*Note: *All weatherproof cable reels are supplied with wire leads and ¾" NPT hub feed. Power supply cable not supplied.*

BRY501242W

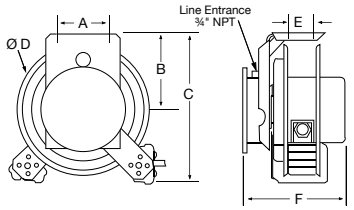
Accessories

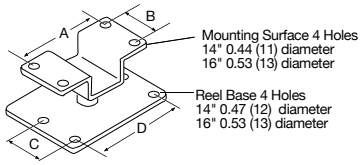
BRY14PB

Description	Weight Lbs. (kg)	Description
14" pivot base	5 (2.3)	**BRY14PB**
16" pivot base	13 (5.9)	**BRY16PB**
Replacement stop	0.2 (.09)	**BRYWPBS**

Product Dimensions Inches (mm)

	Reel		Base	
	14"	16"	14"	16"
A	6.50" (165)	6.50" (165)	3.00" (76)	6.00" (152)
B	8.12" (206)	9.12" (232)	3.00" (76)	6.00" (152)
C	16.25" (413)	18.25" (464)	3.00" (76)	4.94" (125)
D	13.75" (349)	15.75" (400)	6.50" (165)	6.50" (165)
E	3.00" (76)	3.00" (76)	—	—
F	12.19" (310)	14.19" (360)	—	—





Static Discharge Reels

- Compact design minimizes required installation space
- Steel construction
- Available with steel or nylon coated steel cable
- Large grounding jaw clamp provides low resistant ground termination

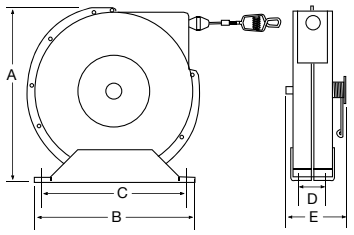
Static Discharge Reels, 50 Feet (15.2m)

Cable Type	Weight Lbs. (kg)	Catalog Number
Single 3⁄32" steel	12 (5.4)	**BRY50SD**

BRY50SD

Product Dimensions Inches (mm)

	Reel
A	8.81" (224)
B	8.62" (219)
C	7.88" (200)
D	1.50" (38)
E	3.35" (85)



Electric Cord and Cable Reels

Industrial Cord Reels

- Durable, corrosion-resistant steel construction with yellow powder coat finish
- Multi-position arm guide mounts to the ceiling, wall, floor or bench
- #12 AWG cord for greater current carrying capacity
- Positive-latch mechanism automatically maintains desired cord length
- Plug-in 5 ft. long power cord requires no electrical wiring

Industrial Power Cord Reels, 45 Feet (13.7m), 12/3 SJEO Cable Type

BRY45123C

BRY45123R

BRY45123GF20

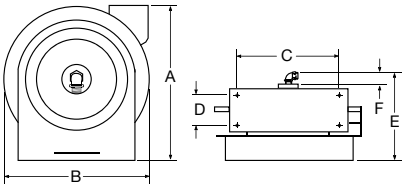
Cord End	Weight Lbs. (kg)	NEMA 5-15R, 15A 125V	NEMA 5-20R, 20A 125V
Straight blade connector	28 (12.7)	**BRY45123C**	**BRY45123C20**
Portable outlet box with (1) gray duplex receptacle	29 (13.2)	**BRY45123R**	**BRY45123R20**
Portable outlet box with (2) gray duplex receptacles	29 (13.2)	—	**BRY45123R220**
Portable outlet box with (1) ground fault* protected, gray duplex receptacle	29 (13.2)	—	**BRY45123GF20**

*Note: * Provides open neutral protection.*

Product Dimensions Inches (mm)

	Reel
A	13.00" (330)
B	12.38" (314)
C	8.00" (203)

D	2.50" (64)
E	9.75" (248)
F	1.25" (32)



Pivot Base

BRY340PB

Description	Catalog Number
Pivot base 340° rotation fits all industrial models, 5lbs (2.3 kg)	**BRY340PB**

Commercial Cord Reels

- Steel and heavy duty non-metallic design for commercial and general purpose applications
- Molded on plug for power cord requires no electrical wiring
- Compact size takes up little room and can be ceiling, wall or bench mounted
- Automatic ratchet lock holds cord at desired length and provides easy, smooth retraction of cord

Commercial Cord Reels, Feet (m)

BRYC40123TT

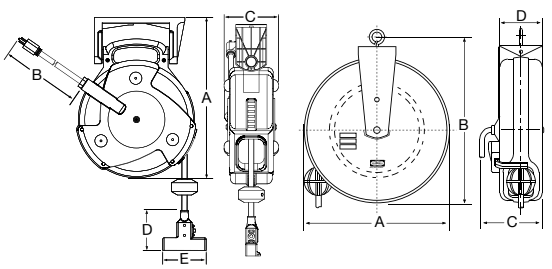
BRYC25163C

Description	Cable Feet (m)	Cable Type	Watts (Max)	Amps Volts	Weight Lbs. (kg)	Catalog Number
Triple tap outlet, black	40 (12.2)	12/3 SJTW	1,875	15A 125V AC	9.0 (4.1)	**BRYC40123TT**
5-15R connector, yellow	25 (7.6)	16/3 SJT	1,250	10A 125V AC	8.5 (3.9)	**BRYC25163C**

Note: Reels supplied with 2 ft. power supply cord and molded on straight blade 15A plug.

Product Dimensions Inches (mm)

	Triple Tap	5-15R Connector
A	15.51" (394.6)	9.50" (241)
B	30.0" (762.0)	11.38" (289)
C	5.26" (133.84)	4.11" (104)
D	3.75" (95.4)	2.83" (72)
E	4.19" (106.6)	—



Electric Cord and Cable Reels

Cord Reel with Hand Lamps

- For more light where you need it, consider our cord reels with attached hand lamps
- With choices such as incandescent, fluorescent and LED lamps, more light can be brought to more places, small or large
- These cord reels are constructed of durable, corrosion-resistant steel to last through the toughest jobs and the desired cord length is automatically maintained through a positive-latch mechanism

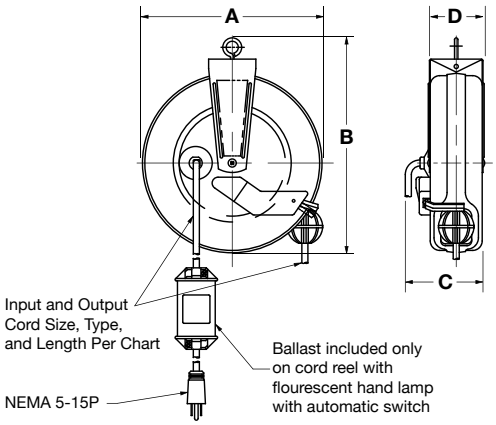
Cord Reel with Hand Lamps, Feet (m)

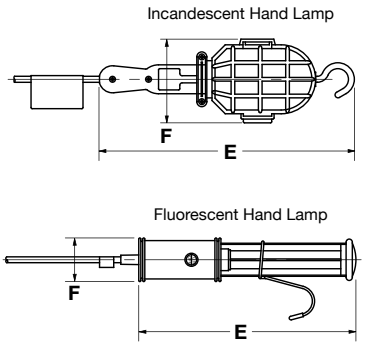
Description	Wattage	Lumen Output	Light Amps / Outlet Amps	Volts	Cord Type	Cord Length Feet (m)	Catalog Number
Reel with LED hand lamp, with flashlight end, white	9	920/120	0.065 / N/A	125	18/2 SJTOW	40 (12.2)	**BRYC40182LED**
Reel with non-metallic incandescent hand lamp and automatic shut off switch, yellow	75 Max.	1,150 Max.	N/A / N/A	125	16/3 SJT	25 (7.6)	**BRYC25163AIN**
Reel with metallic incandescent hand lamp with receptacle, yellow	75 Max.	1,150 Max.	N/A / 10	125	14/3 SJT	25 (7.6)	**BRYC25143IN**
Reel with fluorescent hand lamp and automatic shut off switch, white	13	825	0.3 / N/A	120	18/2 SJTOW	40 (12.2)	**BRYC40182AFL**
Reel with flouorescent hand lamp and in-line receptacle, white	13	825	0.3 / 12	120	16/3 SJT	40 (12.2)	**BRYC40163FL**

BRYC40182AFL

Product Dimensions Inches (mm)

	Reel with Hand Lamps	
A	9.50" (241.3)	
B	11.38" (288.9)	
C	4.11" (104.4)	
D	2.83" (72.0)	
	Incandescent	Fluorescent
E	13.52" (343.3)	11.50" (292.0)
F	4.43" (112.5)	2.31" (58.7)





Specifications

Weatherproof Cable Reels

Listings	Environment
UL 355 and CSA, C22.2 No. 21	Type 4X enclosure, CAN/CSA - C22.2 No. 94.2 Dry, indoor and wet and damp outdoor non-hazardous locations

Industrial Cord Reels

UL 355 and CSA, C22.2 No. 21	Dry, indoor, non-hazardous locations

Commercial Cord Reels

UL 355	Dry, indoor, non-hazardous locations

Cord Reel with Hand Lamps

UL, CSA, ETL	Dry, indoor, non-hazardous locations

Section M
Wire Management

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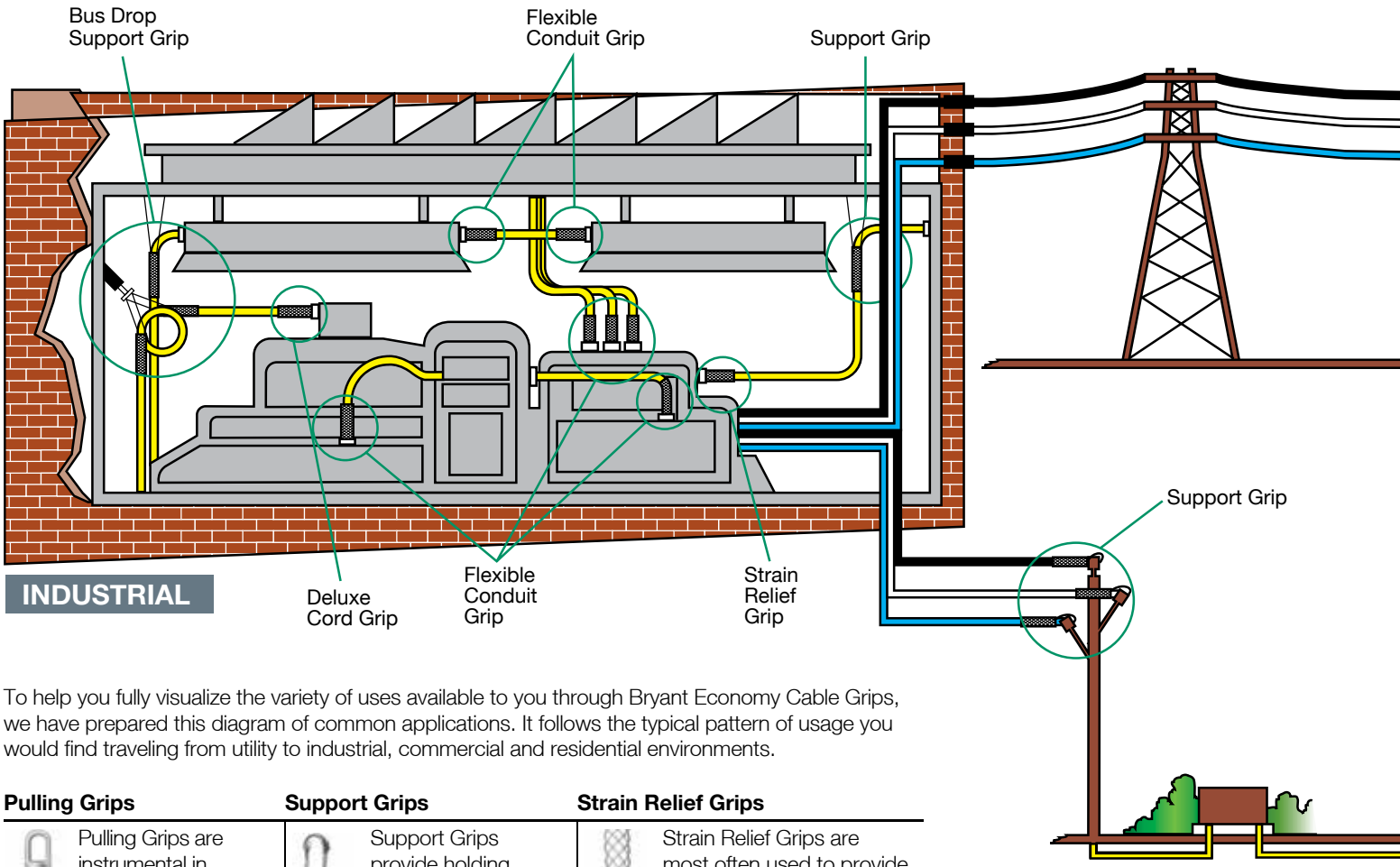
Wire Management Products

Illustrated Guide to Wire Management

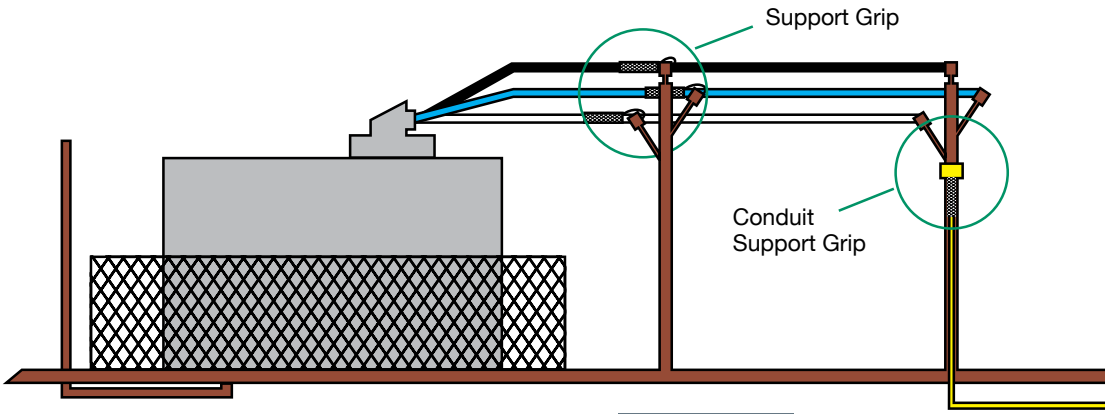


INDUSTRIAL

To help you fully visualize the variety of uses available to you through Bryant Economy Cable Grips, we have prepared this diagram of common applications. It follows the typical pattern of usage you would find traveling from utility to industrial, commercial and residential environments.

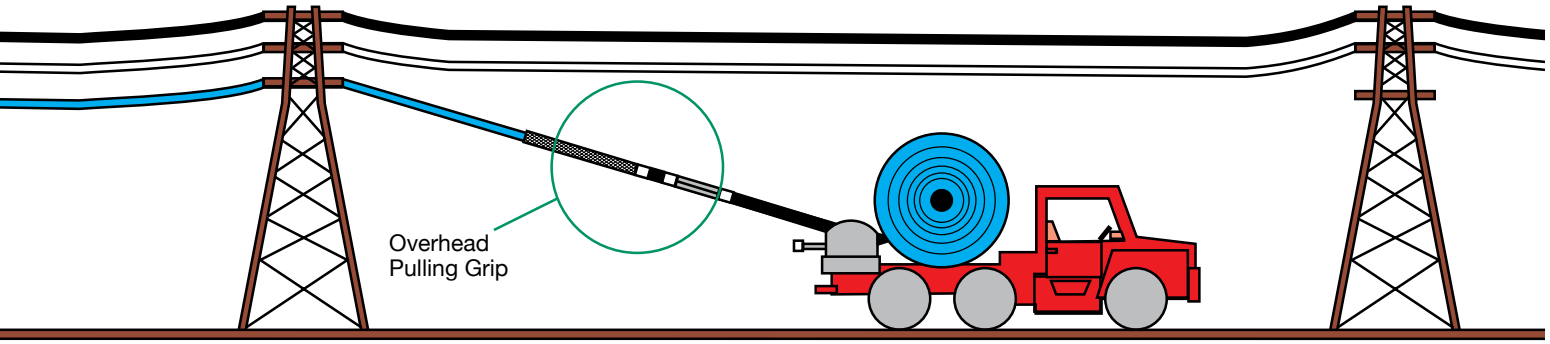
Pulling Grips	Support Grips	Strain Relief Grips
Pulling Grips are instrumental in the installations of transmission lines, service lines and cabling for construction and maintenance.	Support Grips provide holding support for indoor and outdoor permanent cable installations.	Strain Relief Grips are most often used to provide maximum reliability and minimum maintenance in areas where cords on machinery or equipment are impacted by motion or vibration or at risk of damage from cable pullout.

Beyond the electrical applications illustrated here, Bryant Economy Cable Grips can be used for wire management on radio and microwave communications towers, crane and hoist wire rope maintenance, elevator cable management and more.

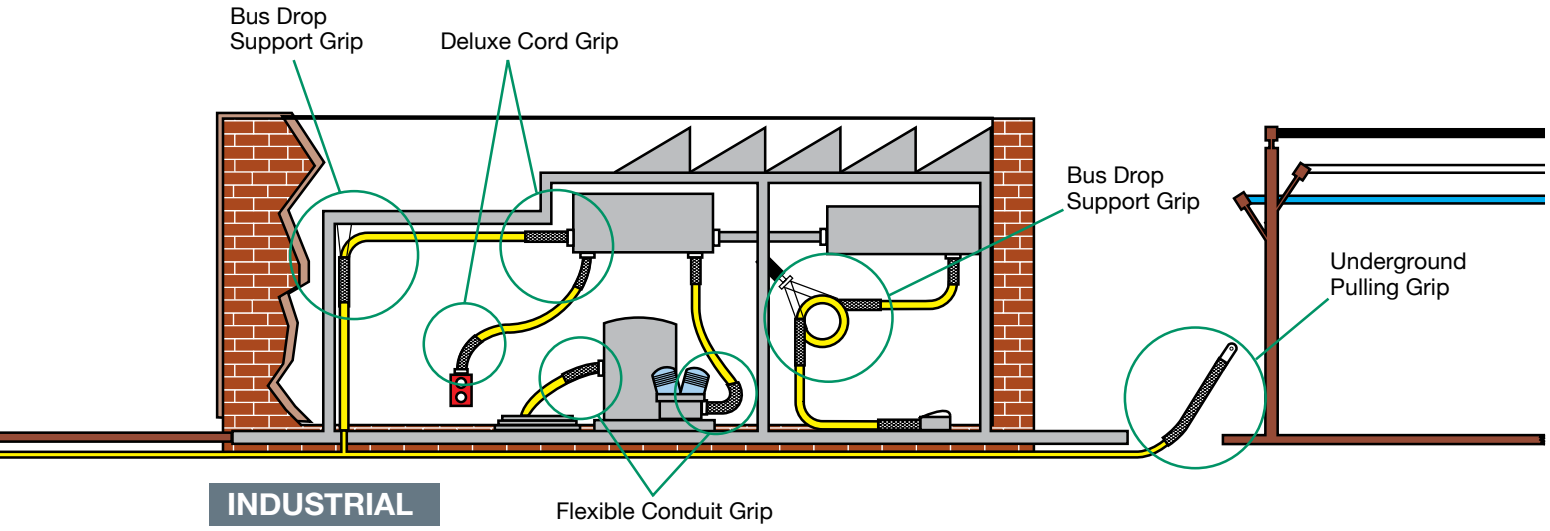


UTILITY

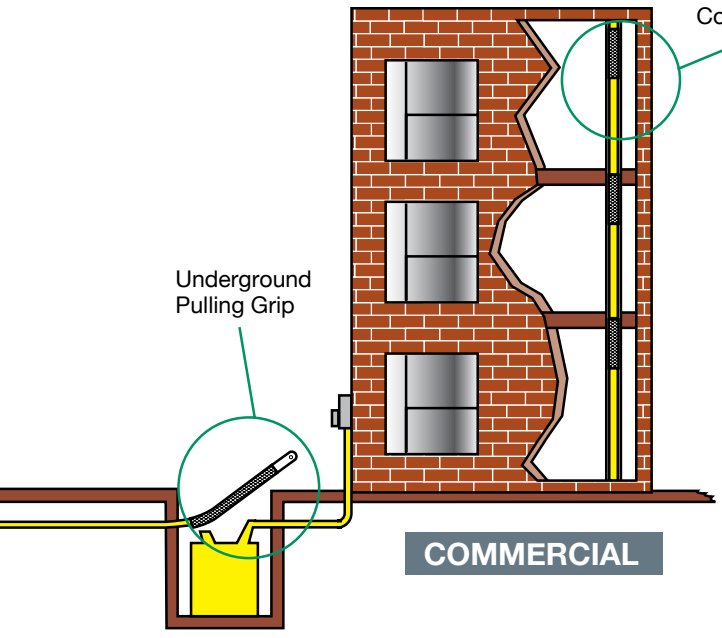
Specifications are subject to change without notice.



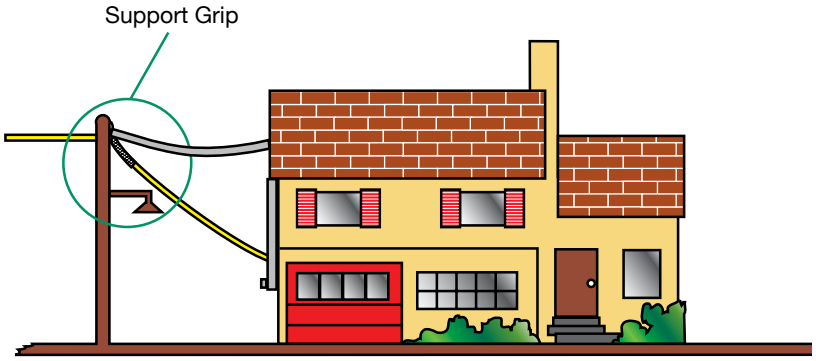
UTILITY



INDUSTRIAL

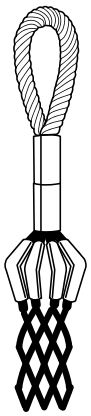


COMMERCIAL



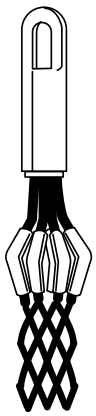
RESIDENTIAL

Pulling Grips Quick Reference Selection Guide



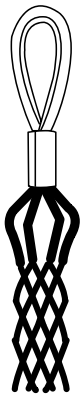
Heavy Duty Flexible Eye

For overhead and underground transmission and distribution line stringing. See pages M-4 and M-5.



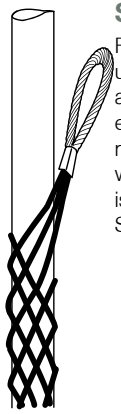
Heavy Duty Revolving Eye

For underground heavy duty pulling of service lines and construction cable. See page M-5.



Light Duty Flexible Eye

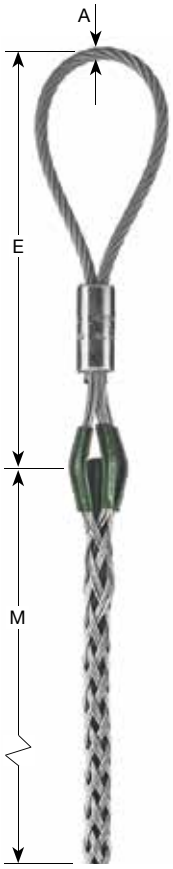
For light industrial pulling of electrical cable and for underground and industrial plant wiring and re-wiring. See page M-6.



Slack Pull

For removing underground cable and pulling slack in existing cable and new installations and when end of cable is not available. See page M-7.

Heavy Duty Overhead Pulling Grips



MST050FE

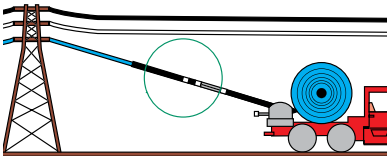
Application:

Pulling aluminum or copper bare conductor, ground wires, messenger strands, wire rope and insulated cables

- Designed to be a reusable tool, pulling grips can be used in a variety of overhead and underground pulling applications
- Galvanized steel mesh is flexible for navigating through a variety of cable paths
- Multiple weave provides strength and positive gripping power

Ideal For Use In:

- Overhead transmission and distribution line stringing
- Utility work
- Attaching conductors to pulling lines



Flexible Eye, Closed Mesh Inches (cm)

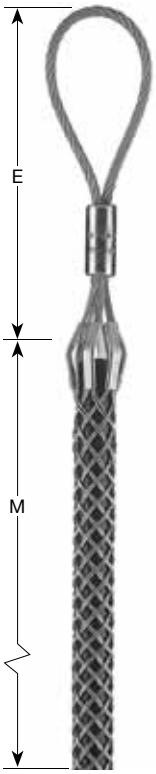
Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Eye (A) Dia. Inches (cm)	Catalog Number
		E	M		
.25"-.49" (.63-1.24)	6,800 (30,246)	9" (22.86)	26" (66.04)	¼" (.63)	**MST025FE**
.50"-.74" (1.27-1.88)	10,000 (44,480)	9" (22.86)	32" (81.28)	5⁄16" (.79)	**MST050FE**
.75"-.99" (1.90-2.51)	14,400 (64,051)	11" (27.94)	41" (104.14)	⅜" (.95)	**MST075FE**
1.00"-1.24" (2.54-3.15)	24,600 (109,420)	12" (30.48)	52" (132.08)	½" (1.27)	**MST100FE**
1.25"-1.49" (3.17-3.78)	30,600 (136,109)	12" (30.48)	56" (142.24)	½" (1.27)	**MST125FE**
1.50"-1.74" (3.81-4.42)	30,600 (136,109)	12" (30.48)	60" (152.40)	½" (1.27)	**MST150FE**
1.75"-2.24" (4.44-5.69)	48,000 (213,504)	18" (45.72)	70" (177.80)	⅝" (1.59)	**MST175FE**
2.00"-2.49" (5.08-6.32)	48,000 (213,504)	18" (45.72)	50" (127.00)	⅝" (1.59)	**MST200FE**
2.50"-2.99" (6.35-7.59)	48,000 (213,504)	18" (45.72)	52" (132.08)	⅝" (1.59)	**MST250FE**
3.00"-3.49" (7.62-8.86)	48,000 (213,504)	18" (45.72)	50" (127.00)	⅝" (1.59)	**MST300FE**
3.50"-3.99" (8.89-10.13)	48,000 (213,504)	18" (45.72)	53" (134.62)	⅝" (1.59)	**MST350FE**

Note: Do not run grips or swivels over bullwheels while under tension.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Heavy Duty Underground Pulling Grips

PHS150



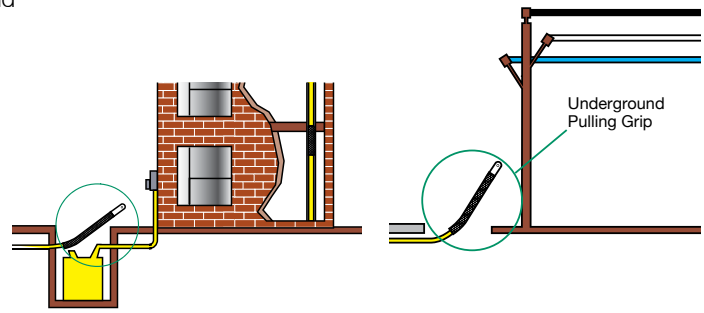
PH150

Application:

- Pulling underground power cables, communication lines and service lines
- Designed to be a reusable tool, pulling grips can be used in a variety of overhead and underground pulling applications
- Galvanized steel mesh is flexible for navigating through a variety of cable paths
- Multiple weave provides strength and positive gripping power

Ideal For Use In:

- Utility work
- Factory maintenance
- Construction



Revolving Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Revolving Eye Dia. Inches (cm)	Catalog Number
		E	M		
.50"-.61" (1.27-1.55)	4,800 (21,350)	5" (12.70)	16" (40.64)	⅞" (2.22)	**PHS050**
.62"-.74" (1.57-1.88)	6,800 (30,246)	5" (12.70)	16" (40.64)	⅞" (2.22)	**PHS062**
.75"-.99" (1.90-2.51)	9,600 (42,700)	6" (15.24)	32" (81.28)	1" (2.54)	**PHS075**
1.00"-1.49" (2.54-3.78)	16,400 (72,947)	7" (17.78)	33" (83.82)	1⅜" (3.49)	**PHS100**
1.50"-1.99" (3.81-5.05)	16,400 (72,947)	7" (17.78)	34" (86.36)	1⅜" (3.49)	**PHS150**
2.00"-2.49" (5.08-6.32)	27,200 (120,986)	9" (22.86)	36" (91.44)	1⅝" (4.13)	**PHS200**
2.50"-2.99" (6.35-7.59)	33,000 (146,784)	10" (25.40)	38" (96.52)	1⅞" (4.76)	**PHS250**
3.00"-3.49" (7.62-8.86)	41,000 (182,368)	10" (25.40)	39" (99.06)	1⅞" (4.76)	**PHS300**
3.50"-3.99" (8.89-10.13)	48,000 (213,504)	10" (25.40)	41" (104.14)	1⅞" (4.76)	**PHS350**
4.00"-4.49" (10.16-11.40)	48,000 (213,504)	10" (25.40)	42" (106.68)	1⅞" (4.76)	**PHS400**
4.50"-4.99" (11.43-12.67)	48,000 (213,504)	10" (25.40)	58" (147.32)	1⅞" (4.76)	**PHS450**
5.00"-5.99" (12.70-15.21)	40,000 (177,920)	10" (25.40)	60" (152.40)	1⅞" (4.76)	**PHS500**
6.00"-6.99" (15.24-17.75)	54,000 (240,192)	10" (25.40)	66" (167.64)	1⅞" (4.76)	**PHS600**

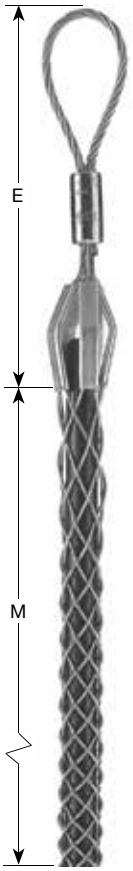
Note: Eye revolves when pressure is released to reduce twisting and turning. If constant swivel action is required, a swivel should be used. Revolving eye is not a swivel and will not turn under tension, it can turn to relieve pulling torque when the tension is relaxed.

Flexible Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Catalog Number
		E	M	
.50"-.61" (1.27-1.55)	4,500 (20,016)	8" (20.32)	21" (53.34)	**PH050**
.62"-.74" (1.57-1.88)	5,600 (24,909)	8" (20.32)	24" (60.96)	**PH062**
.75"-.99" (1.90-2.51)	6,800 (30,246)	9" (22.86)	24" (60.96)	**PH075**
1.00"-1.49" (2.54-3.78)	9,600 (42,701)	9" (22.86)	24" (60.96)	**PH100**
1.50" -1.99" (3.81-5.05)	16,400 (72,947)	11" (27.94)	24" (60.96)	**PH150**
2.00"-2.49" (5.08-6.32)	18,500 (82,288)	12" (30.48)	24" (60.96)	**PH200**
2.50"-2.99" (6.35-7.59)	24,500 (108,976)	12" (30.48)	24" (60.96)	**PH250**
3.00"-3.49" (7.62-8.86)	24,500 (108,976)	14" (35.56)	24" (60.96)	**PH300**
3.50"-3.99" (8.89-10.13)	31,000 (137,888)	14" (35.56)	26" (66.04)	**PH350**

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Light Duty, Low Tension Pulling Grips



PA150

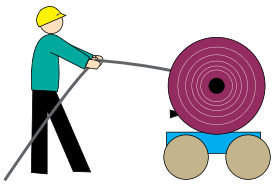
Application:

Low tension, underground electrical construction

- Galvanized steel mesh is flexible for navigating through a variety of cable paths
- Multiple weave provides strength and positive gripping power

Ideal For Use In:

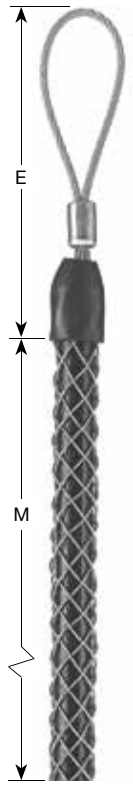
- Utility work
- Industrial and commercial building service lines
- Underground transmission lines stringing



Flexible Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Catalog Number
		E	M	
.50"-.61" (1.27-1.55)	2,800 (12,454)	5" (12.70)	11" (27.94)	**PA050**
.62"-.74" (1.57-1.88)	2,800 (12,454)	5" (12.70)	11" (27.94)	**PA062**
.75"-.99" (1.90-2.51)	4,000 (17,792)	6" (15.24)	12" (30.48)	**PA075**
1.00"-1.24" (2.54-3.15)	5,300 (23,574)	7" (17.78)	13" (33.02)	**PA100**
1.25"-1.49" (3.17-3.78)	5,300 (23,574)	7" (17.78)	14" (35.56)	**PA125**
1.50"-1.74" (3.81-4.42)	6,800 (30,246)	8" (20.32)	15" (38.10)	**PA150**
1.75"-1.99" (4.44-5.05)	8,500 (37,808)	8" (20.32)	17" (43.18)	**PA175**
2.00"-2.49" (5.08-6.32)	8,500 (37,808)	9" (22.86)	18" (45.72)	**PA200**
2.50"-2.99" (6.35-7.59)	10,600 (47,149)	9" (22.86)	27" (68.58)	**PA250**
3.00"-3.49" (7.62-8.86)	14,700 (65,386)	10" (25.40)	30" (76.20)	**PA300**

Junior Low Tension Pulling Grips



PJ075

Application:

Low tension, underground electrical construction

- Galvanized steel mesh is flexible for navigating through a variety of cable paths
- Multiple weave provides strength and positive gripping power

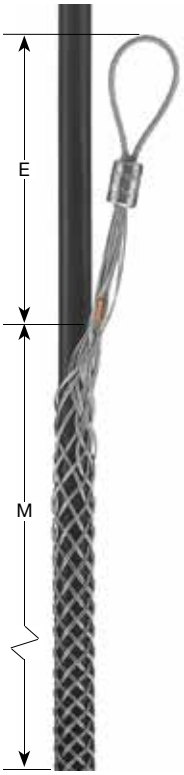
Ideal For Use In:

- Overhead transmission and distribution line stringing
- Utility work
- Attaching conductors to pulling lines

Flexible Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Catalog Number
		E	M	
.19"-.24" (.48-.61)	400 (1,779)	3¼" (8.25)	4¼" (10.79)	**PJ019**
.25"-.36" (.63-.91)	450 (2,002)	3¼" (8.25)	4¼" (10.79)	**PJ025**
.37"-.49" (.94-1.24)	900 (4,003)	3¾" (9.52)	7" (17.78)	**PJ037**
.50"-.61" (1.27-1.55)	1,300 (5,782)	4¼" (10.79)	8½" (21.59)	**PJ050**
.62"-.74" (1.57-1.88)	1,950 (8,674)	5" (12.70)	10" (25.40)	**PJ062**
.75"-.99" (1.90-2.51)	2,800 (12,454)	5¾" (14.60)	10" (25.40)	**PJ075**
1.00"-1.24" (2.54-3.15)	3,900 (17,347)	6½" (16.51)	11½" (29.21)	**PJ100**

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**



SCD100

Application:

Removing underground cable and for pulling slack after new cable has been laid

- Used for pulling up slack where cable is in service and when ends of cable are not available
- Galvanized steel mesh is flexible for navigating through a variety of cable paths

Ideal For Use In:

- Utility work
- Construction
- Replacement of underground cable
- Factory maintenance

Offset Eye, Closed Mesh Inches (cm)

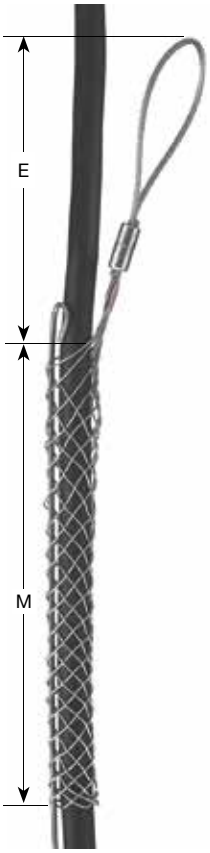
Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Catalog Number
		E	M	
.75"-.99" (1.90-2.51)	2,600 (11,565)	7" (17.78)	12" (30.48)	**SCD075**
1.00"-1.24" (2.54-3.15)	4,000 (17,792)	8" (20.32)	15" (38.10)	**SCD100**
1.25"-1.49" (3.17-3.78)	5,400 (24,019)	8" (20.32)	16" (40.64)	**SCD125**
1.50"-1.74" (3.81-4.42)	6,600 (29,357)	9" (22.86)	20" (50.80)	**SCD150**
1.75"-1.99" (4.44-5.05)	10,000 (44,480)	10" (25.40)	18" (45.72)	**SCD175**
2.00"-2.49" (5.08-6.32)	11,000 (48,928)	10" (25.40)	19" (48.26)	**SCD200**
2.50"-2.99" (6.35-7.59)	11,000 (48,928)	10" (25.40)	20" (50.80)	**SCD250**
3.00"-3.49" (7.62-8.86)	14,500 (64,496)	12" (30.48)	21" (53.34)	**SCD300**
3.50"-3.99" (8.89-10.13)	14,500 (64,496)	12" (30.48)	22" (55.88)	**SCD350**

Application:

Pulling up slack where cable is in service and ends of cable are not available

Offset Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Catalog Number
		E	M	
.50"-.61" (1.27-1.55)	1,500 (6,672)	7" (17.78)	6" (15.24)	**SSR050**
.62"-.74" (1.57-1.88)	1,800 (8,006)	7" (17.78)	8" (20.32)	**SSR062**
.75"-.99" (1.90-2.51)	2,200 (9,786)	7" (17.78)	10" (25.40)	**SSR075**
1.00"-1.24" (2.54-3.15)	3,400 (15,123)	8" (20.32)	12" (30.48)	**SSR100**
1.25"-1.49" (3.17-3.78)	4,500 (20,016)	8" (20.32)	14" (35.56)	**SSR125**
1.50"-1.74" (3.81-4.42)	5,800 (25,798)	9" (22.86)	15" (38.10)	**SSR150**
1.75"-1.99" (4.44-5.05)	7,600 (33,805)	10" (25.40)	16" (40.64)	**SSR175**
2.00"-2.49" (5.08-6.32)	9,000 (40,032)	10" (25.40)	19" (48.26)	**SSR200**
2.50"-2.99" (6.35-7.59)	11,000 (48,928)	10" (25.40)	20" (50.80)	**SSR250**
3.00"-3.49" (7.62-8.86)	12,000 (53,376)	12" (30.48)	21" (53.34)	**SSR300**
3.50"-3.99" (8.89-10.13)	12,000 (53,376)	12" (30.48)	24" (60.96)	**SSR350**



SSR125

Split rod closing grips are used for pulling slack or providing support when ends of cable are not available. The provided stainless steel rod makes threading fast and easy. The strands of mesh pass around the rod and match up with strands from the opposite direction. Since the rod does not touch the cable at any point it cannot cut the cable. Rod closing grips can be removed and reused as many times as desired.

The following procedures should be used when installing the grip:
Wrap the grip around the cable and thread the rod through the pre-formed loops with a corkscrew motion, using the curved end of the rod to engage the loops. This requires a simultaneous steady twist and push motion. The fingers of the left hand are used to bring the loops together just ahead of the hook on the end of the rod. To remove, simply pull out rod.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Punch-Lok® Bands

Punch-Lok Bands are applied over the tail of a grip to prevent the mesh from being tripped or pulled loose. Also, they assure full gripping action by locking the mesh of the tail in tight contact with the cable or rope.

When the tail of a grip is the leading end, the bands are particularly important to prevent accidental release caused by tripping on obstructions. A conductor-to-conductor (double-socking) pulling operation is a good example: where two grips connect two conductors to form a temporary splice. Bands should be applied to the ends of the grips as illustrated herein. It is also common practice to tape over the banded tail area to assure smooth passage through the sheaves.

The conductor should be installed in the grip up to the elbows of the aluminum shoulders in order to assure full and complete gripping action as illustrated above.

IMPORTANT

Read all breaking strength, safety and technical data relating to this product. Page M-26.

20320054

Punch-Lok® Bands and Accessories Inches (cm)

Grip Banding Range Inches (cm)	Band Width Inches (cm)	Band Inside Diameter Inches (cm)	Model	Punch-Lok Bands
¼"-1⅛" (.63-2.86)	⅜" (.95)	1⅜" (3.49)	0-311	**PLB025**
1⅛"-1⅝" (2.86-4.13)	⅜" (.95)	2" (5.08)	0-316	**PLB112**
1⅝"-2¼" (4.13-5.71)	⅝" (1.59)	2½" (6.35)	0-10	**PLB162**
2¼"-3½" (5.71-8.89)	⅝" (1.59)	4" (10.16)	0-16	**PLB225**
3½"-5" (8.89-12.70)	⅝" (1.59)	6" (15.24)	0-24	**PLB350**

20320048

Description	Punch-Lok Tools
P-1000 for use with ⅝" width Banding tool.	**PLT48**
P-38 for use with ⅜" and ⅝" width Banding tool for tight spaces.	**PLT47**

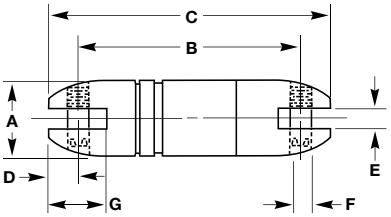
Note: In all cases two Punch-Lok Bands should be double wrapped approximately one inch to two inches (2.54cm to 5.08cm) from the grip's tail. Banding is required to ensure maximum reliability and guard against accidental release.

20320047

Stainless Steel Swivels

Swivels are essential to the efficiency and safety of any high tension application. They are particularly important where continuous pulls develop higher and higher torque levels. Torque is intensified by the pull-resistance of the cable itself and the resistance of the high tension controlling equipment regulating line sag.

Ball bearing swivels release torque and prevent it from reaching dangerous levels that can damage the cable and obstruct the lines.



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Stainless Steel Swivels Inches (cm)

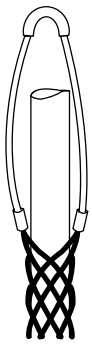
Maximum Safe Working Load Lbs. (N)	Dimensions in Inches (cm)								
	A	B	C	D	E	F	G	Model	Catalog Number
2,250 (10,000)	⅞" (2.22)	2½" (6.35)	3⅜" (8.57)	7⁄16" (1.11)	⅜" (0.95)	5⁄16" (0.79)	31⁄32" (2.46)	A-13L	**SVL1**
5,000 (22,240)	1¼" (3.17)	3 11⁄16" (9.37)	4¾" (12.06)	1 7⁄32" (1.35)	1 7⁄32" (1.35)	13⁄32" (1.03)	1 9⁄32" (3.25)	BB-13L	**SVL2**
9,000 (40,030)	1½" (3.81)	4¼" (10.79)	5⅝" (14.29)	1 1⁄16" (1.75)	1 9⁄32" (1.51)	½" (1.27)	1 9⁄16" (3.97)	B-13L	**SVL3**
10,000 (44,480)	1⅝" (4.13)	4½" (11.43)	6" (15.24)	¾" (1.90)	1 1⁄16" (1.75)	5⁄8" (1.59)	1 23⁄32" (4.36)	C-13L	**SVL4**
30,000 (133,440)	2⅜" (6.03)	7⅝" (19.37)	10" (25.40)	1 3⁄16" (3.02)	1 1⁄32" (2.62)	⅞" (2.22)	2 25⁄32" (7.06)	D-13L	**SVL5**

Punch-Lok® is a registered trademark of Punch-Lok Inc.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

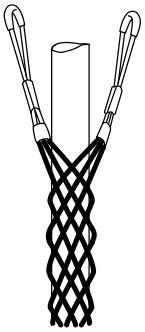
Wire Management Products

Support Grips Quick Reference Selection Guide



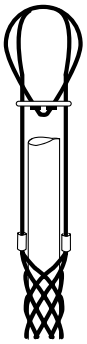
Single U Eye

For single hook attachment of permanent indoor/outdoor cable. Available on heavy duty, standard duty, and service drop grips. See pages M-9, M-10, M-11, M-13, M-15, M-17 and M-18.



Double U Eye

For double hook attachment of permanent indoor/outdoor cable. Available on heavy duty and standard duty grips. See pages M-9, M-10, M-11, M-13 and M-15.

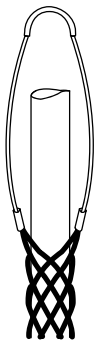


Looped Bale

For wraparound attachment to an existing fastener in permanent indoor/outdoor applications. Available on standard duty and light duty service drop grips. See pages M-12, M-14, M-16, M-17 and M-18.

Single Offset Eye

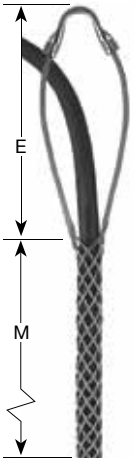
For offset hook attachment of permanent indoor/ outdoor cable. Available on heavy duty, standard duty and light duty support grips. See pages M-12, M-14 and M-16.



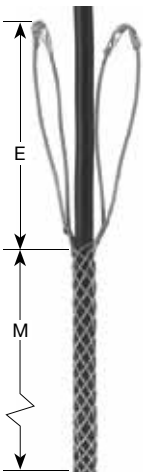
Wide Range Bus Drop

Used indoors for cable support where flexible cable connects electrical equipment to bus duct. Support or restrain air hose and water hose. See page M-18.

Heavy Duty Support Grips



SHC125U



SHC125

Application:

Permanent support of heavy loads and long runs of vertical and horizontal cables indoors and outdoors where ends of cable are available

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:

- Industrial applications
- Communication towers
- Utility work
- Heavy equipment
- Construction

Single Eye and Double Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze			Stainless Steel		
	E	M	Approx. Breaking Strength Lbs. (N)	Single Eye	Double Eye	Approx. Breaking Strength Lbs. (N)	Single Eye	Double Eye
.75"-.99" (1.90-2.51)	10" (25.40)	25" (63.50)	2,820 (12,543)	**SHC075U**	**SHC075**	4,200 (18,682)	**SHC075US**	—
1.00"-1.24" (2.54-3.15)	12" (30.48)	28" (71.12)	4,280 (19,037)	**SHC100U**	—	7,300 (32,470)	**SHC100US**	—
	10" (25.40)	28" (71.12)	4,280 (19,037)	—	**SHC100**	—	—	—
1.25"-1.49" (3.17-3.78)	12" (30.48)	30" (76.20)	4,280 (19,037)	**SHC125U**	—	7,300 (32,470)	**SHC125US**	—
	10" (25.40)	30" (76.20)	4,280 (19,037)	—	**SHC125**	—	—	—
1.50"-1.99" (3.81-5.05)	12" (30.48)	34" (86.36)	4,280 (19,037)	**SHC150U**	—	11,150 (49,595)	**SHC150US**	—
	10" (25.40)	34" (86.36)	4,280 (19,037)	—	**SHC150**	—	—	—
2.00"-2.49" (5.08-6.32)	12" (30.48)	36" (91.44)	8,050 (35,806)	—	**SHC200**	20,100 (89,405)	—	**SHC200DES**
2.50"-2.99" (6.35-7.59)	12" (30.48)	38" (96.52)	8,050 (35,806)	—	**SHC250**	20,100 (89,405)	—	**SHC250DES**
3.00"-3.49" (7.62-8.86)	12" (30.48)	40" (101.60)	10,060 (44,747)	—	**SHC300**	25,200 (112,090)	—	**SHC300DES**
3.50"-3.99" (8.89-10.13)	12" (30.48)	44" (111.76)	12,070 (53,687)	—	**SHC350**	—	—	—
4.00"-4.49" (10.16-11.40)	12" (30.48)	46" (116.84)	12,070 (53,687)	—	**SHC400**	—	—	—
4.50"-5.00" (11.43-12.70)	12" (30.48)	68" (172.72)	13,790 (61,338)	—	**SHC450**	—	—	—

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

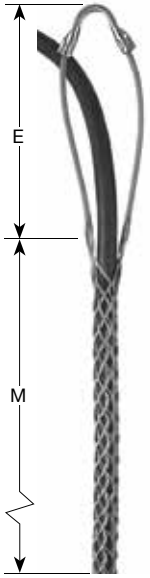
Application:
Supporting heavy loads and long runs of vertical and horizontal cables indoors and outdoors where ends of cable are not available

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

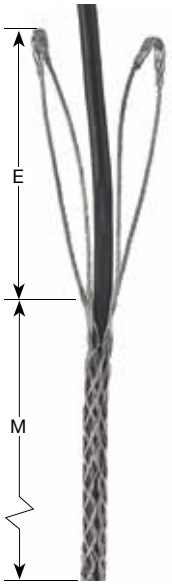
Ideal For Use In:
- Industrial applications
- Communication towers
- Heavy equipment
- Utility work

Single Eye and Double Eye, Split Mesh, Lace Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze			Stainless Steel		
	E	M	Approx. Breaking Strength Lbs. (N)	Single Eye	Double Eye	Approx. Breaking Strength Lbs. (N)	Single Eye	Double Eye
.75"-.99" (1.90-2.51)	10" (25.40)	25" (63.50)	2,820 (12,543)	**SHS075U**	**SHS075**	4,250 (18,904)	**SHS075US**	—
1.00"-1.24" (2.54-3.15)	12" (30.48)	28" (71.12)	4,280 (19,037)	**SHS100U**	—	7,300 (32,470)	**SHS100US**	—
	10" (25.40)	28" (71.12)	4,280 (19,037)	—	**SHS100**	—	—	—
1.25"-1.49" (3.17-3.78)	12" (30.48)	30" (76.20)	4,280 (19,037)	**SHS125U**	—	7,300 (32,470)	**SHS125US**	—
	10" (25.40)	28" (71.12)	4,280 (19,037)	—	**SHS125**	—	—	—
1.50"-1.99" (3.81-5.05)	12" (30.48)	34" (86.36)	4,280 (19,037)	**SHS150U**	—	11,150 (49,595)	**SHS150US**	—
	10" (25.40)	28" (71.12)	4,280 (19,037)	—	**SHS150**	—	—	—
2.00"-2.49" (5.08-6.32)	12" (30.48)	36" (91.44)	8,050 (35,806)	—	**SHS200**	20,150 (89,627)	—	**SHS200DES**
2.50"-2.99" (6.35-7.59)	12" (30.48)	38" (96.52)	8,050 (35,806)	—	**SHS250**	20,150 (89,627)	—	**SHS250DES**
3.00"-3.49" (7.62-8.86)	12" (30.48)	40" (101.60)	10,060 (44,747)	—	**SHS300**	25,200 (112,090)	—	**SHS300DES**
3.50"-3.99" (8.89-10.13)	12" (30.48)	44" (111.76)	12,070 (53,687)	—	**SHS350**	30,200 (134,330)	—	**SHS350DES**
4.00"-4.49" (10.16-11.40)	12" (30.48)	46" (116.84)	12,070 (53,687)	—	**SHS400**	30,200 (134,330)	—	**SHS400DES**
4.50"-5.00" (11.43-12.70)	12" (30.48)	68" (172.72)	12,070 (53,687)	—	**SHS450**	—	—	—



SHS125U



SHS125

Designed for use when cable ends are unavailable. The grip is wrapped around the cable and then drawn closed with a wire lace. It is important that the wire lacing be the same type and gauge as supplied with the grip from the factory.

The following procedures should be used when installing the grip:
Bend the wire lace in the middle so both ends are even. Wrap grip around the cable. Starting at the first loop closest to the eye, thread each end of the wire lace through the first loop on each side of the split, pull both ends of the lace until they are even. Criss-cross laces and thread each end of the lace through the next loop, on opposite sides of the split. Continue doing the same for the full length of the split, pulling the lace after each loop so the space between both sides of the split is no greater than the spaces of the mesh. When end of split is reached, twist lacing tightly together. Wrap ends of lace around grip. Twist ends to secure. Only new laces should be used. A split grip is only as good as its lacing or closing of the split.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

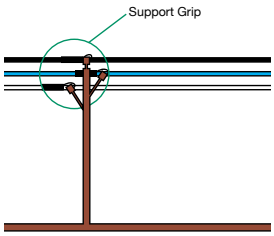
Standard Duty Support Grips

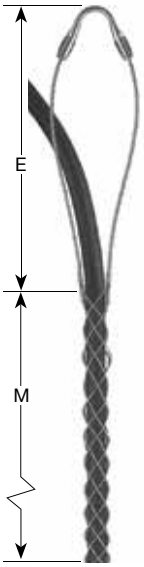
Application:
Permanent support of vertical and horizontal cable indoors and outdoors where ends of cable are available

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:

- Industrial applications
- Communication towers
- Utility work
- Heavy equipment
- Construction

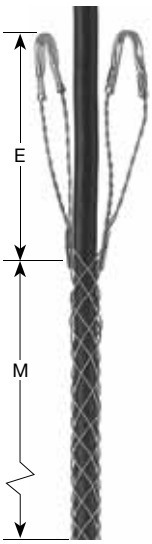




SPC125U

Single Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze		Stainless Steel	
	E	M	Approx. Breaking Strength Lbs. (N)	Single Eye	Approx. Breaking Strength Lbs. (N)	Single Eye
.50"-.62" (1.27-1.57)	7" (17.78)	10" (25.40)	530 (2,357)	**SPC050U**	1,370 (6,094)	**SPC050US**
.63"-.74" (1.60-1.88)	8" (20.32)	10" (25.40)	790 (3,514)	**SPC062U**	2,060 (9,163)	**SPC062US**
.75"-.99" (1.90-2.51)	8" (20.32)	13" (33.02)	1,020 (4,537)	**SPC075U**	2,060 (9,163)	**SPC075US**
1.00"-1.24" (2.54-3.15)	9" (22.86)	14" (35.56)	1,610 (7,161)	**SPC100U**	2,678 (11,912)	**SPC100US**
1.25"-1.49" (3.17-3.78)	10" (25.40)	15" (38.10)	1,610 (7,161)	**SPC125U**	4,490 (19,972)	**SPC125US**
1.50"-1.74" (3.81-4.42)	12" (30.48)	17" (43.18)	1,610 (7,161)	**SPC150U**	4,490 (19,972)	**SPC150US**
1.75"-1.99" (4.44-5.05)	14" (35.56)	19" (48.26)	2,150 (9,563)	**SPC175U**	5,000 (22,240)	**SPC175US**
2.00"-2.49" (5.08-6.32)	16" (40.64)	21" (53.34)	3,260 (14,500)	**SPC200U**	8,940 (39,765)	**SPC200US**
2.50"-2.99" (6.35-7.59)	18" (45.72)	23" (58.42)	3,260 (14,500)	**SPC250U**	8,940 (39,765)	**SPC250US**
3.00"-3.49" (7.62-8.86)	21" (53.34)	25" (63.50)	4,900 (21,795)	**SPC300U**	13,420 (59,692)	**SPC300US**
3.50"-3.99" (8.89-10.13)	24" (60.96)	27" (63.58)	4,900 (21,795)	**SPC350U**	—	**—**



SPC125DE

Double Eye, Closed Mesh Inches (cm)

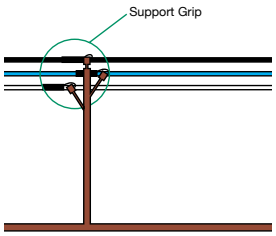
Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze		Stainless Steel	
	E	M	Approx. Breaking Strength Lbs. (N)	Double Eye	Approx. Breaking Strength Lbs. (N)	Single Eye
.50"-.62" (1.27-1.57)	4" (10.16)	10" (25.40)	530 (2,357)	**SPC050DE**	1,370 (6,094)	**SPC050DES**
.63"-.74" (1.60-1.88)	4" (10.16)	10" (25.40)	790 (3,514)	**SPC062DE**	2,060 (9,163)	**SPC062DES**
.75"-.99" (1.90-2.51)	5½" (13.97)	12" (30.48)	1,020 (4,537)	**SPC075DE**	2,060 (9,163)	**SPC075DES**
1.00"-1.24" (2.54-3.15)	5" (12.70)	14" (35.56)	1,610 (7,161)	**SPC100DE**	2,670 (11,876)	**SPC100DES**
1.25"-1.49" (3.17-3.78)	5" (12.70)	15" (38.10)	1,610 (7,161)	**SPC125DE**	4,490 (19,972)	**SPC125DES**
1.50"-1.74" (3.81-4.42)	5" (12.70)	17" (43.18)	1,610 (7,161)	**SPC150DE**	4,490 (19,972)	**SPC150DES**
1.75"-1.99" (4.44-5.05)	6" (15.24)	19" (48.26)	2,150 (9,563)	**SPC175DE**	5,000 (22,240)	**SPC175DES**
2.00"-2.49" (5.08-6.32)	6" (15.24)	21" (53.34)	3,260 (14,500)	**SPC200DE**	8,940 (39,765)	**SPC200DES**
2.50"-2.99" (6.35-7.59)	6" (15.24)	23" (58.42)	3,260 (14,500)	**SPC250DE**	8,940 (39,765)	**SPC250DES**
3.00"-3.49" (7.62-8.86)	8" (20.32)	25" (63.50)	4,900 (21,795)	**SPC300DE**	12,000 (53,376)	**SPC300DES**
3.50"-3.99" (8.89-10.13)	8" (20.32)	27" (68.58)	4,900 (21,795)	**SPC350DE**	12,000 (53,376)	**SPC350DES**

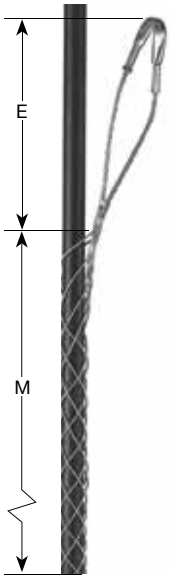
CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Application:
Permanent support of vertical and horizontal cable indoors and outdoors where ends of cable are available

- Available for light duty, standard duty and heavy duty applications
- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:
- Industrial applications
- Communication towers
- Heavy equipment
- Utility work
- Construction



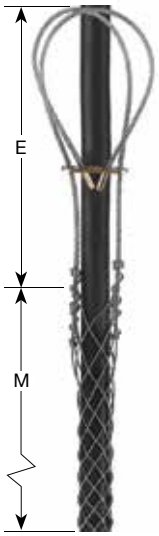


SPC125SO

Offset Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Offset Eye	Stainless Steel Approx. Breaking Strength Lbs. (N)	Stainless Steel Offset Eye
.50"-.62" (1.27-1.57)	4" (10.16)	10" (25.40)	500 (2,724)	**SPC050SO**	1,370 (6,094)	**SPC050SOS**
.63"-.74" (1.60-1.88)	4" (10.16)	10" (25.40)	750 (3,336)	**SPC062SO**	2,060 (9,163)	**SPC062SOS**
.75"-.99" (1.90-2.51)	4" (10.16)	13" (33.02)	950 (4,226)	**SPC075SO**	2,060 (9,163)	**SPC075SOS**
1.00"-1.24" (2.54-3.15)	5" (12.70)	14" (35.56)	1,500 (6,672)	**SPC100SO**	2,670 (11,876)	**SPC100SOS**
1.25"-1.49" (3.17-3.78)	5" (12.70)	15" (38.10)	1,500 (6,672)	**SPC125SO**	4,490 (19,972)	**SPC125SOS**
1.50"-1.74" (3.81-4.42)	5" (12.70)	17" (43.10)	1,500 (6,672)	**SPC150SO**	3,700 (16,458)	**SPC150SOS**
1.75"-1.99" (4.44-5.05)	6" (15.24)	19" (48.26)	2,000 (8,896)	**SPC175SO**	4,370 (19,438)	**SPC175SOS**
2.00"-2.49" (5.08-6.32)	9" (22.86)	21" (53.34)	3,100 (13,789)	**SPC200SO**	5,500 (24,464)	**SPC200SOS**
2.50"-2.99" (6.35-7.59)	9" (22.86)	23" (58.42)	—	**—**	5,500 (24,464)	**SPC250SOS**
3.00"-3.49" (7.62-8.86)	9" (22.86)	25" (63.50)	3,800 (16,902)	**SPC300SO**	—	**—**
3.50"-3.99" (8.89-10.13)	11" (27.94)	27" (68.58)	3,250 (14,456)	**SPC350SO**	—	**—**

Dim. to Sliding Bar Fully Ext'd.



SPC125L

Looped Bale Eye, Closed Mesh Inches (cm)

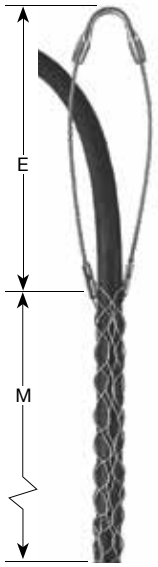
Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Double Eye	Stainless Steel Approx. Breaking Strength Lbs. (N)	Stainless Steel Offset Eye
.50"-.62" (1.27-1.57)	18" (45.72)	10" (25.40)	530 (2,357)	**SPC050L**	—	**—**
.63"-.74" (1.60-1.88)	18" (45.72)	10" (25.40)	790 (3,514)	**SPC062L**	—	**—**
.75"-.99" (1.90-2.51)	18" (45.72)	13" (33.02)	1,020 (4,537)	**SPC075L**	—	**—**
1.00"-1.24" (2.54-3.15)	18" (45.72)	14" (35.56)	1,610 (7,161)	**SPC100L**	—	**—**
1.25"-1.49" (3.17-3.78)	18" (45.72)	15" (38.10)	1,610 (7,161)	**SPC125L**	—	**—**
1.50"-1.74" (3.81-4.42)	18" (45.72)	17" (43.10)	1,610 (7,161)	**SPC150L**	—	**—**
1.75"-1.99" (4.44-5.05)	18" (45.72)	19" (48.26)	2,150 (9,563)	**SPC175L**	—	**—**
2.00"-2.49" (5.08-6.32)	18" (45.72)	21" (53.34)	3,260 (14,500)	**SPC200L**	—	**—**
2.50"-2.99" (6.35-7.59)	18" (45.72)	23" (58.42)	3,260 (14,500)	**SPC250L**	—	**—**
3.00"-3.49" (7.62-8.86)	18" (45.72)	25" (63.50)	4,900 (21,795)	**SPC300L**	—	**—**

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Application:
Permanent support of vertical and horizontal cable indoors and outdoors where ends of cable are available

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:
- Industrial applications
- Communication towers
- Utility work and construction
- Heavy equipment



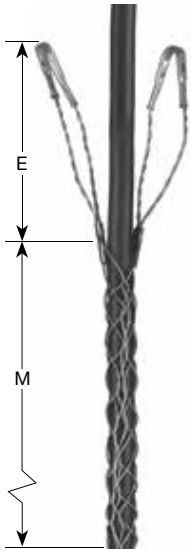
SPS125U

Single Eye, Split Mesh, Lace Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze		Stainless Steel	
	E	M	Approx. Breaking Strength Lbs. (N)	Single Eye	Approx. Breaking Strength Lbs. (N)	Single Eye
.50"-.62" (1.27-1.57)	7" (17.78)	10" (25.40)	530 (2,357)	**SPS050U**	1,370 (6,094)	**SPS050US**
.63"-.74" (1.60-1.88)	8" (20.32)	10" (25.40)	790 (3,514)	**SPS062U**	2,060 (9,163)	**SPS062US**
.75"-.99" (1.90-2.51)	8" (20.32)	13" (33.02)	1,020 (4,537)	**SPS075U**	2,060 (9,163)	**SPS075US**
1.00"-1.24" (2.54-3.15)	9" (22.86)	14" (35.56)	1,610 (7,161)	**SPS100U**	2,670 (11,876)	**SPS100US**
1.25"-1.49" (3.17-3.78)	10" (25.40)	15" (38.10)	1,610 (7,161)	**SPS125U**	4,490 (19,972)	**SPS125US**
1.50"-1.74" (3.81-4.42)	12" (30.48)	17" (43.18)	1,610 (7,161)	**SPS150U**	4,490 (19,972)	**SPS150US**
1.75"-1.99" (4.44-5.05)	14" (35.56)	19" (48.26)	2,150 (9,563)	**SPS175U**	4,375 (19,460)	**SPS175US**
2.00"-2.49" (5.08-6.32)	16" (40.64)	21" (53.34)	3,260 (14,500)	**SPS200U**	8940 (39,765)	**SPS200US**
2.50"-2.99" (6.35-7.59)	18" (45.72)	23" (58.42)	3,260 (14,500)	**SPS250U**	8,940 (39,765)	**SPS250US**
3.00"-3.49" (7.62-8.86)	21" (53.34)	25" (63.50)	4,900 (21,795)	**SPS300U**	13,420 (59,692)	**SPS300US**
3.50"-3.99" (8.89-10.13)	24" (60.96)	27" (68.58)	4,900 (21,795)	**SPS350U**	13,420 (59,692)	**SPS350US**

Double Eye, Split Mesh, Lace Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze		Stainless Steel	
	E	M	Approx. Breaking Strength Lbs. (N)	Double Eye	Approx. Breaking Strength Lbs. (N)	Single Eye
.50"-.62" (1.27-1.57)	4" (10.16)	10" (25.40)	530 (2,357)	**SPS050DE**	1,140 (5,071)	**SPS050DES**
.63"-.74" (1.60-1.88)	4" (10.16)	10" (25.40)	850 (3,781)	**SPS062DE**	2,060 (9,163)	**SPS062DES**
.75"-.99" (1.90-2.51)	5½" (13.97)	13" (33.02)	1,020 (4,537)	**SPS075DE**	2,060 (9,163)	**SPS075DES**
1.00"-1.24" (2.54-3.15)	5" (12.70)	14" (35.56)	1,610 (7,161)	**SPS100DE**	2,670 (11,876)	**SPS100DES**
1.25"-1.49" (3.17-3.78)	5" (12.70)	15" (38.10)	1,610 (7,161)	**SPS125DE**	4,490 (19,972)	**SPS125DES**
1.50"-1.74" (3.81-4.42)	5" (12.70)	17" (43.18)	1,610 (7,161)	**SPS150DE**	3,750 (16,680)	**SPS150DES**
1.75"-1.99" (4.44-5.05)	6" (15.24)	19" (48.26)	2,150 (9,563)	**SPS175DE**	5,000 (22,240)	**SPS175DES**
2.00"-2.49" (5.08-6.32)	6" (15.24)	21" (53.34)	3,260 (14,500)	**SPS200DE**	8,940 (39,765)	**SPS200DES**
2.50"-2.99" (6.35-7.59)	6" (15.24)	23" (58.42)	3,260 (14,500)	**SPS250DE**	—	**—**
3.00"-3.49" (7.62-8.86)	8" (20.32)	25" (63.50)	4,900 (21,795)	**SPS300DE**	—	**—**
3.50"-3.99" (8.89-10.13)	8" (20.32)	27" (68.58)	4,900 (21,795)	**SPS350DE**	—	**—**



SPS125DE

Designed for use when cable ends are unavailable. The grip is wrapped around the cable and then drawn closed with a wire lace. It is important that the wire lacing be the same type and gauge as supplied with the grip from the factory.

The following procedures should be used when installing the grip:

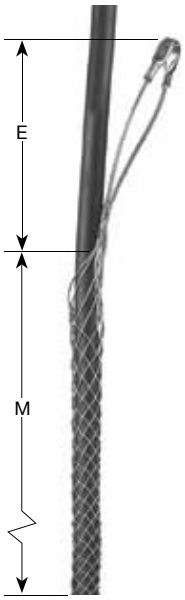
Bend the wire lace in the middle so both ends are even. Wrap grip around the cable. Starting at the first loop closest to the eye, thread each end of the wire lace through the first loop on each side of the split, pull both ends of the lace until they are even. Criss-cross laces and thread each end of the lace through the next loop, on opposite sides of the split. Continue doing the same for the full length of the split, pulling the lace after each loop so the space between both sides of the split is no greater than the spaces of the mesh. When end of split is reached, twist lacing tightly together. Wrap ends of lace around grip. Twist ends to secure. Only new laces should be used. A split grip is only as good as its lacing or closing of the split.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Application:
Permanent support of vertical and horizontal cable indoors and outdoors where ends of cable are available

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:
- Industrial applications
- Communication towers
- Utility work and construction
- Heavy equipment



SPS150SO

Offset Eye, Split Mesh, Lace Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Offset Eye
.50"-.62" (1.27-1.57)	4" (10.16)	10" (25.40)	500 (2,724)	**SPS050SO**
.63"-.74" (1.60-1.88)	4" (10.16)	10" (25.40)	750 (3,336)	**SPS062SO**
.75"-.99" (1.90-2.51)	4" (10.16)	13" (33.02)	950 (4,226)	**SPS075SO**
1.00"-1.24" (2.54-3.15)	5" (12.70)	14" (35.56)	1,500 (6,672)	**SPS100SO**
1.25"-1.49" (3.17-3.78)	5" (12.70)	15" (38.10)	1,500 (6,672)	**SPS125SO**
1.50"-1.74" (3.81-4.42)	5" (12.70)	17" (43.18)	1,500 (6,672)	**SPS150SO**
1.75"-1.99" (4.44-5.05)	6" (15.24)	19" (48.26)	1,800 (8,006)	**SPS175SO**
2.00"-2.49" (5.08-6.32)	9" (22.86)	21" (53.34)	2,150 (9,563)	**SPS200SO**
2.50"-2.99" (6.35-7.59)	9" (22.86)	23" (58.42)	2,150 (9,563)	**SPS250SO**
3.00"-3.49" (7.62-8.86)	11" (27.94)	25" (63.50)	3,250 (14,456)	**SPS300SO**
3.50"-3.99" (8.89-10.13)	11" (27.94)	27" (68.58)	3,250 (14,456)	**SPS350SO**

Dim. to Sliding Bar Fully Ext'd.

SPS150L

Looped Bale Eye, Split Mesh, Lace Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Offset Eye
.50"-.62" (1.27-1.57)	18" (45.72)	10" (25.40)	530 (2,357)	**SPS050L**
.63"-.74" (1.60-1.88)	18" (45.72)	10" (25.40)	790 (3,514)	**SPS062L**
.75"-.99" (1.90-2.51)	18" (45.72)	13" (33.02)	1,020 (4,537)	**SPS075L**
1.00"-1.24" (2.54-3.15)	18" (45.72)	14" (35.56)	1,610 (7,161)	**SPS100L**
1.25"-1.49" (3.17-3.78)	18" (45.72)	15" (38.10)	1,610 (7,161)	**SPS125L**
1.50"-1.74" (3.81-4.42)	18" (45.72)	17" (43.18)	1,610 (7,161)	**SPS150L**
1.75"-1.99" (4.44-5.05)	18" (45.72)	19" (48.26)	2,150 (9,563)	**SPS175L**
2.00"-2.49" (5.08-6.32)	18" (45.72)	21" (53.34)	3,260 (14,500)	**SPS200L**
2.50"-2.99" (6.35-7.59)	18" (45.72)	23" (58.42)	3,260 (14,500)	**SPS250L**
3.00"-3.49" (7.62-8.86)	18" (45.72)	25" (63.50)	4,900 (21,795)	**SPS300L**
3.50"-3.99" (8.89-10.13)	18" (45.72)	27" (68.58)	4,900 (21,795)	**SPS350L**

Note: Stainless steel support grips are available upon request. Consult Factory.

Designed for use when cable ends are unavailable. The grip is wrapped around the cable and then drawn closed with a wire lace. It is important that the wire lacing be the same type and gauge as supplied with the grip from the factory.

The following procedures should be used when installing the grip:

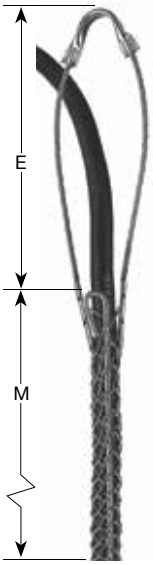
Bend the wire lace in the middle so both ends are even. Wrap grip around the cable. Starting at the first loop closest to the eye, thread each end of the wire lace through the first loop on each side of the split, pull both ends of the lace until they are even. Criss-cross laces and thread each end of the lace through the next loop, on opposite sides of the split. Continue doing the same for the full length of the split, pulling the lace after each loop so the space between both sides of the split is no greater than the spaces of the mesh. When end of split is reached, twist lacing tightly together. Wrap ends of lace around grip. Twist ends to secure. Only new laces should be used. A split grip is only as good as its lacing or closing of the split.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Application:
Supporting vertical and horizontal runs of cable indoors and outdoors when ends of cable are not available

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

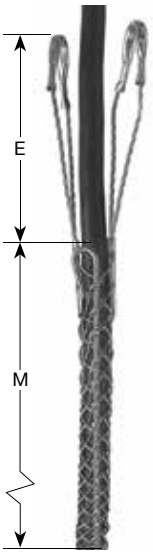
Ideal For Use In:
- Industrial applications
- Communication towers
- Utility work
- Heavy equipment
- Construction



SPSR125U

Single Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze		Stainless Steel	
	E	M	Approx. Breaking Strength Lbs. (N)	Single Eye	Approx. Breaking Strength Lbs. (N)	Single Eye
.50"-.62" (1.27-1.57)	7" (17.78)	6½" (16.51)	790 (3,514)	**SPSR050U**	1,050 (4,670)	**SPSR050US**
.63"-.74" (1.60-1.88)	8" (20.32)	8½" (21.59)	790 (3,514)	**SPSR062U**	2,050 (9,118)	**SPSR062US**
.75"-.99" (1.90-2.51)	8" (20.32)	10½" (26.67)	1,020 (4,537)	**SPSR075U**	2,050 (9,118)	**SPSR075US**
1.00"-1.24" (2.54-3.15)	9" (22.86)	12½" (31.75)	1,610 (7,161)	**SPSR100U**	2,650 (11,787)	**SPSR100US**
1.25"-1.49" (3.17-3.78)	10" (25.40)	14½" (36.83)	1,610 (7,161)	**SPSR125U**	4,500 (20,016)	**SPSR125US**
1.50"-1.74" (3.81-4.42)	12" (30.48)	15½" (39.37)	1,610 (7,161)	**SPSR150U**	4,500 (20,016)	**SPSR150US**
1.75"-1.99" (4.44-5.05)	14" (35.56)	16½" (41.91)	2,150 (9,563)	**SPSR175U**	6,000 (26,688)	**SPSR175US**
2.00"-2.49" (5.08-6.32)	16" (40.64)	19½" (49.53)	3,260 (14,500)	**SPSR200U**	8,950 (39,810)	**SPSR200US**
2.50"-2.99" (6.35-7.59)	18" (45.72)	21½" (54.61)	3,260 (14,500)	**SPSR250U**	7,750 (34,472)	**SPSR250US**
3.00"-3.49" (7.62-8.86)	21" (53.34)	23½" (59.69)	5,750 (25,576)	**SPSR300U**	8,500 (37,808)	**SPSR300US**
3.50"-3.99" (8.89-10.13)	24" (60.96)	25½" (64.77)	5,750 (25,576)	**SPSR350U**	—	**—**



SPSR125DE

Double Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze		Stainless Steel	
	E	M	Approx. Breaking Strength Lbs. (N)	Double Eye	Approx. Breaking Strength Lbs. (N)	Double Eye
.50"-.62" (1.27-1.57)	4" (10.16)	6½" (16.51)	790 (3,514)	**SPSR050DE**	—	**—**
.63"-.74" (1.60-1.88)	4" (10.16)	8½" (21.59)	790 (3,514)	**SPSR062DE**	2,050 (9,118)	**SPSR062DES**
.75"-.99" (1.90-2.51)	5½" (13.97)	10½" (26.67)	1,020 (4,537)	**SPSR075DE**	2,050 (9,118)	**SPSR075DES**
1.00"-1.24" (2.54-3.15)	5" (12.70)	12½" (31.75)	1,610 (7,161)	**SPSR100DE**	2,650 (11,787)	**SPSR100DES**
1.25"-1.49" (3.17-3.78)	5" (12.70)	14½" (36.83)	1,610 (7,161)	**SPSR125DE**	—	**—**
1.50"-1.74" (3.81-4.42)	5" (12.70)	15½" (39.37)	1,610 (7,161)	**SPSR150DE**	3,750 (16,680)	**SPSR150DES**
1.75"-1.99" (4.44-5.05)	6" (15.24)	16½" (41.91)	2,150 (9,563)	**SPSR175DE**	5,000 (22,240)	**SPSR175DES**
2.00"-2.49" (5.08-6.32)	6" (15.24)	19½" (49.53)	3,260 (14,500)	**SPSR200DE**	8,950 (39,810)	**SPSR200DES**
2.50"-2.99" (6.35-7.59)	6" (15.24)	21½" (54.61)	3,260 (14,500)	**SPSR250DE**	8,950 (39,810)	**SPSR250DES**
3.00"-3.49" (7.62-8.86)	8" (20.32)	23½" (59.69)	5,750 (25,576)	**SPSR300DE**	—	**—**
3.50"-3.99" (8.89-10.13)	8" (20.32)	25½" (64.77)	5,750 (25,576)	**SPSR350DE**	—	**—**

The following procedures should be used when installing the grip:
Wrap the grip around the cable and thread the rod through the pre-formed loops with a corkscrew motion, using the curved end of the rod to engage the loops. This requires a simultaneous steady twist and push motion. The fingers of the left hand are used to bring the loops together just ahead of the hook on the end of the rod. To remove, simply pull out rod.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

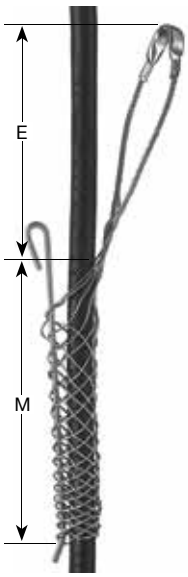
Standard Duty Support Grips

Application:
Supporting vertical and horizontal runs of cable indoors and outdoors when ends of cable are not available

- Available for light duty, standard duty and heavy duty applications
- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:

- Industrial applications
- Communication towers
- Heavy equipment
- Utility work
- Construction

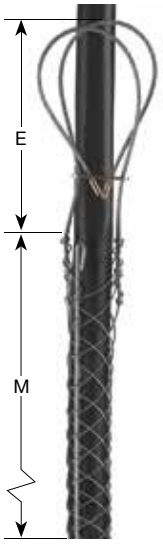


SPSR125SO

Offset Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Offset Eye	Stainless Steel Approx. Breaking Strength Lbs. (N)	Stainless Steel Single Eye
.63"-.74" (1.60-1.88)	4" (10.16)	9" (22.86)	750 (3,336)	**SPSR062SO**	1,950 (8,674)	**SPSR062SOS**
.75"-.99" (1.90-2.51)	4" (10.16)	10" (25.40)	950 (4,226)	**SPSR075SO**	1,950 (8,674)	**SPSR075SOS**
1.00"-1.24" (2.54-3.15)	5" (12.70)	12" (30.48)	1,500 (6,672)	**SPSR100SO**	2,500 (11,121)	**SPSR100SOS**
1.25"-1.49" (3.17-3.78)	5" (12.70)	14" (35.56)	1,500 (6,672)	**SPSR125SO**	4,200 (18,683)	**SPSR125SOS**
1.50"-1.74" (3.81-4.42)	5" (12.70)	15" (38.10)	1,500 (6,672)	**SPSR150SO**	4,500 (20,017)	**SPSR150SOS**
1.75"-1.99" (4.44-5.05)	6" (15.24)	16" (40.64)	2,000 (8,896)	**SPSR175SO**	4,375 (19,461)	**SPSR175SOS**
2.00"-2.49" (5.08-6.32)	9" (22.86)	19" (48.26)	3,100 (13,789)	**SPSR200SO**	—	**—**
2.50"-2.99" (6.35-7.59)	9" (22.86)	20" (50.80)	3,100 (13,789)	**SPSR250SO**	—	**—**
3.00"-3.49" (7.62-8.86)	11" (27.94)	21" (53.34)	4,300 (19,127)	**SPSR300SO**	—	**—**
3.50"-3.99" (8.89-10.13)	11" (27.94)	24" (60.96)	4,300 (19,127)	**SPSR350SO**	—	**—**

Dim. to Sliding Bar Fully Ext'd.



SPSR125L

Looped Bale Eye, Split Mesh, Rod Closing Inches (cm)

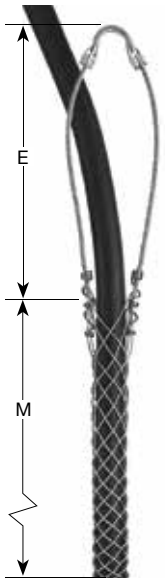
Cable Diameter Range Inches (cm)	Inches (cm) E	Inches (cm) M	Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)	Tin-Coated Bronze Double Eye	Stainless Steel Approx. Breaking Strength Lbs. (N)	Stainless Steel Single Eye
.63"-.74" (1.60-1.88)	18" (45.72)	8½" (21.59)	790 (3,514)	**SPSR062L**	—	**—**
.75"-.99" (1.90-2.51)	18" (45.72)	10½" (26.67)	1,020 (4,537)	**SPSR075L**	—	**—**
1.00"-1.24" (2.54-3.15)	18" (45.72)	12½" (31.75)	1,610 (7,161)	**SPSR100L**	—	**—**
1.25"-1.49" (3.17-3.78)	18" (45.72)	14½" (36.83)	1,610 (7,161)	**SPSR125L**	—	**—**
1.75"-1.99" (4.44-5.05)	18" (45.72)	16½" (41.91)	2,150 (9,564)	**SPSR175L**	—	**—**
2.00"-2.49" (5.08-6.32)	18" (45.72)	19½" (49.53)	3,260 (14,501)	**SPSR200L**	—	**—**
2.50"-2.99" (6.35-7.59)	18" (45.72)	21½" (54.61)	3,260 (14,501)	**SPSR250L**	—	**—**

Split rod closing grips are used for pulling slack or providing support when ends of cable are not available. The provided stainless steel rod makes threading fast and easy. The strands of mesh pass around the rod and match up with strands from the opposite direction. Since the rod does not touch the cable at any point it cannot cut the cable. Rod closing grips can be removed and reused as many times as desired.

The following procedures should be used when installing the grip:
Wrap the grip around the cable and thread the rod through the pre-formed loops with a corkscrew motion, using the curved end of the rod to engage the loops. This requires a simultaneous steady twist and push motion. The fingers of the left hand are used to bring the loops together just ahead of the hook on the end of the rod. To remove, simply pull out rod.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Service Drop, Heavy Duty Support Grips



SPJ075UD

Application:
For heavy duty support of all types of suspended service cables used in indoor or outdoor minimum abuse environments

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:

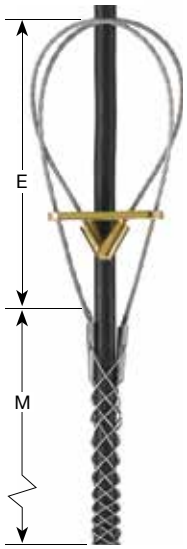
- Industrial
- Communication towers
- Utility work and construction
- Transportation power systems
- Residential

Single Eye and Looped Bale Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Single Eye			Looped Bale Eye		
		Inches (cm)		Tin-Coated Bronze	Inches (cm)		Tin-Coated Bronze
		E	M		E	M	
.23"-.31" (.58-.79)	500 (2,224)	5½" (13.97)	4½" (11.43)	**SPJ023UD**	11" (27.94)	4½" (11.43)	**SPJ023LD**
.29"-.37" (.74-.94)	500 (2,224)	5½" (13.97)	5½" (13.97)	**SPJ029UD**	11" (27.94)	5½" (13.97)	**SPJ029LD**
.35"-.44" (.89-1.12)	870 (3,870)	6" (15.24)	6½" (16.51)	**SPJ035UD**	12" (30.48)	6½" (16.51)	**SPJ035LD**
.41"-.50" (1.04-1.27)	870 (3,870)	6" (15.24)	7½" (19.05)	**SPJ041UD**	12" (30.48)	7½" (19.05)	**SPJ041LD**
.46"-.56" (1.17-1.42)	1,050 (4,670)	6" (15.24)	8" (20.32)	**SPJ046UD**	12" (30.48)	8" (20.32)	**SPJ046LD**
.52"-.62" (1.32-1.57)	1,050 (4,670)	7" (17.78)	8½" (21.59)	**SPJ052UD**	13" (33.02)	8½" (21.59)	**SPJ052LD**
.58"-.68" (1.47-1.73)	1,050 (4,670)	7" (17.78)	9½" (24.13)	**SPJ058UD**	13" (33.02)	9½" (24.13)	**SPJ058LD**
.64"-.75" (1.63-1.90)	1,390 (6,183)	7" (17.78)	9½" (24.13)	**SPJ064UD**	13" (33.02)	9½" (24.13)	**SPJ064LD**
.75"-.87" (1.90-2.21)	1,390 (6,183)	8" (20.32)	10½" (26.67)	**SPJ075UD**	14" (35.56)	10½" (26.67)	**SPJ075LD**
.87"-1.00" (2.21-2.54)	1,790 (7,962)	8" (20.32)	11½" (29.21)	**SPJ087UD**	14" (35.56)	11½" (29.21)	**SPJ087LD**
1.00"-1.18" (2.54-3.00)	1,790 (7,962)	9" (22.86)	13½" (34.29)	**SPJ100UD**	15" (38.10)	13½" (34.29)	**SPJ100LD**
1.06"-1.24" (2.69-3.15)	1,790 (7,962)	9" (22.86)	14½" (36.83)	**SPJ106UD**	15" (38.10)	14½" (36.83)	**SPJ106LD**

Service Drop, Light Duty Support Grips

Dim. to Sliding Bar Fully Ext'd.



SPJ075L

Application:
For light duty support of all types of suspended service cables used in indoor or outdoor minimum abuse environments

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:

- Industrial applications
- Communication towers
- Utility work and construction
- Transportation power systems
- Residential

Single Eye and Looped Bale Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Single Eye			Looped Bale Eye		
		Inches (cm)		Tin-Coated Bronze	Inches (cm)		Tin-Coated Bronze
		E	M		E	M	
.23"-.31" (.58-.79)	290 (1,290)	3" (7.62)	3¾" (9.52)	**SPJ023U**	9" (22.86)	3¾" (9.52)	**SPJ023L**
.29"-.37" (.74-.94)	290 (1,290)	5" (12.70)	4½" (11.43)	**SPJ029U**	10" (25.40)	4¼" (11.43)	**SPJ029L**
.35"-.44" (.89-1.12)	500 (2,224)	5½" (13.97)	4¾" (12.06)	**SPJ035U**	10" (25.40)	4¾" (12.06)	**SPJ035L**
.41"-.50" (1.04-1.27)	500 (2,224)	5½" (13.97)	5" (12.70)	**SPJ041U**	11" (27.94)	5" (12.70)	**SPJ041L**
.46"-.56" (1.17-1.42)	660 (2,936)	6" (15.24)	5¼" (13.33)	**SPJ046U**	12" (30.48)	5¼" (13.33)	**SPJ046L**
.52"-.62" (1.32-1.57)	790 (3,514)	7" (17.78)	6¼" (15.87)	**SPJ052U**	13" (33.02)	6¼" (15.87)	**SPJ052L**
.58"-.68" (1.47-1.73)	790 (3,514)	7" (17.78)	6½" (16.51)	**SPJ058U**	13" (33.02)	6½" (16.51)	**SPJ058L**
.64"-.75" (1.63-1.90)	790 (3,514)	7" (17.78)	6¾" (17.14)	**SPJ064U**	13" (33.02)	6¾" (17.14)	**SPJ064L**
.75"-.87" (1.90-2.21)	1,020 (4,537)	8" (20.32)	8" (20.32)	**SPJ075U**	14" (35.56)	8" (20.32)	**SPJ075L**
.87"-1.00" (2.21-2.54)	1,020 (4,537)	8" (20.32)	8¾" (22.22)	**SPJ087U**	14" (35.56)	8¾" (22.22)	**SPJ087L**
1.00"-1.18" (2.54-3.00)	1,020 (4,537)	9" (22.86)	9½" (24.13)	**SPJ100U**	15" (38.10)	9½" (24.13)	**SPJ100L**
1.06"-1.25" (2.69-3.17)	1,020 (4,537)	9" (22.86)	9½" (24.13)	**SPJ106U**	15" (38.10)	9½" (24.13)	**SPJ106L**

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Bus Drop Support Grips

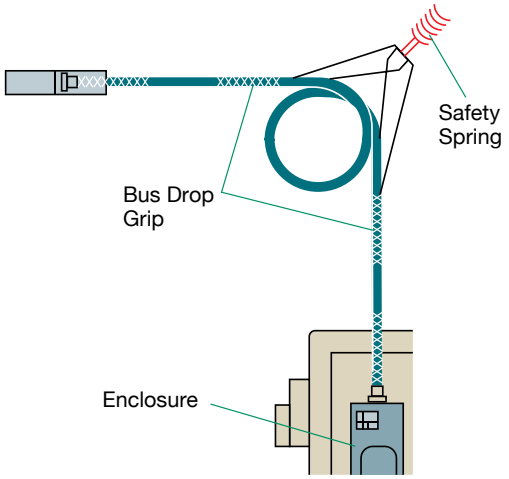
Application:

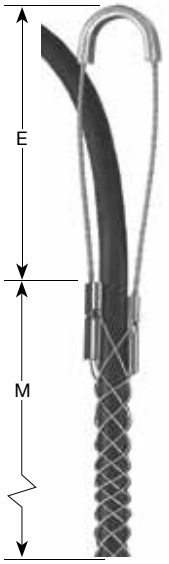
Used for light duty support of the dead weight of flexible cable connections of electrical machinery to bus ducts, relieving strain, pull, vibration, and flexing, when used with safety springs, these grips reduce tension, prevent pullouts, electrical accidents, and downtime, often used in conjunction with strain relief grips

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible

Ideal For Use In:

- All factory equipment
- Cable drops for electrical connections





BDS56U

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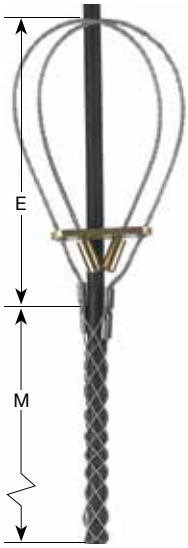

BDS56L

Single Eye and Looped Bale Eye, Split Mesh, Rod Closing Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Single Eye			Looped Bale Eye		
		Inches (cm)		Galvinized Steel	Inches (cm)		Galvinized Steel
		E	M		E	M	
.24"-.32" (.61-.81)	350 (1,557)	3" (7.62)	3½" (8.89)	**BDS24U**	9" (22.86)	3½" (8.89)	**BDS24L**
.32"-.43" (.81-1.09)	450 (2,002)	4" (10.16)	4" (10.16)	**BDS32U**	10" (25.40)	4" (10.16)	**BDS32L**
.43"-.56" (1.09-1.42)	550 (2,446)	6" (15.24)	4¾" (12.06)	**BDS43U**	12" (30.48)	4¾" (12.06)	**BDS43L**
.56"-.73" (1.42-1.85)	1,000 (4,448)	7" (17.78)	6" (15.24)	**BDS56U**	13" (33.02)	6" (15.24)	**BDS56L**
.73"-.85" (1.85-2.16)	1,400 (6,227)	7" (17.78)	6¾" (17.14)	**BDS73U**	13" (33.02)	6¾" (17.14)	**BDS73L**
.85"-1.00" (2.16-2.54)	1,400 (6,227)	8" (20.32)	8" (20.32)	**BDS85U**	14" (35.56)	8" (20.32)	**BDS85L**
1.00"-1.25" (2.54-3.17)	1,500 (6,672)	9" (22.86)	9½" (24.13)	**BDS100U**	15" (38.10)	9½" (24.13)	**BDS100L**

S80

Bus Drop Safety Springs Inches (cm)

Diameter Inches (cm)	Approx. Breaking Strength Lbs. (N)	Length Inches (cm)	Maximum Deflection Inches/Lbs. (cm/N)	Catalog Number
¾" (1.90)	500 (2,224)	8¼" (20.95)	2¾" at 40 Lbs. (6.67 cm at 178 N)	**S40**
1" (2.54)	850 (3,781)	8¼" (20.95)	3⅛" at 80 Lbs. (7.94 cm at 356 N)	**S80**

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Conduit Riser Support Grips

Application:

Supports vertical or sloping cable in schedule 40 rigid PVC conduit or standard electrical rigid metal conduit, prevents strain on terminals by transferring weight to support rim of the conduit, **not suitable** for EMT

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Suitable for standard electrical rigid metal conduit and schedule 40 rigid PVC conduit, **not suitable** for use with EMT
- Bryant Economy Conduit Riser Support Grips meet the requirements of NEC® 300.19

Ideal For Use In:

- Building and pole risers
- Underground cable lines
- Areas where ring termination is practical

CC125R3

Ring Type, Closed Mesh Inches (cm)

Cable Dia. Range Inches (cm)	.50"-.62" (1.27-1.57)	.63"-.74" (1.60-1.88)	.75"-.99" (1.90-2.51)	1.00"-1.24" (2.54-3.15)	1.25"-1.49" (3.17-3.78)	1.50"-1.74" (3.81-4.42)
Length Inches (cm)	8" (20.32)	9" (22.86)	11" (27.94)	12" (30.48)	12½" (31.75)	14" (35.56)
Conduit Trade Size Inches	Catalog Number — Material Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)					
¾"	**CC050R34** 440 (1,957)	—	—	—	—	—
1"	**CC050R1** 480 (2,135)	**CC062R1** 790 (3,514)	—	—	—	—
1¼"	**CC050R114** 450 (2,002)	**CC062R114** 740 (3,292)	**CC075R114** 1,030 (4,581)	—	—	—
1½"	—	**CC062R112** 690 (3,069)	**CC075R112** 980 (4,359)	**CC100R112** 590 (2,624)	—	—
2"	**CC050R2** 370 (1,645)	**CC062R2** 640 (2,847)	**CC075R2** 920 (4,092)	**CC100R2** 1,520 (6,761)	**CC125R2** 1,610 (7,161)	—
2½"	—	—	—	—	—	**CC150R212** 1,610 (7,161)
3"	—	—	**CC075R3** 820 (3,647)	**CC100R3** 1,340 (5,960)	**CC125R3** 1,400 (6,227)	**CC150R3** 1,490 (6,627)
4"	—	—	**CC075R4** 720 (3,203)	**CC100R4** 1,160 (5,160)	**CC125R4** 1,205 (5,338)	—

Cable Dia. Range Inches (cm)	1.75"-1.99" (4.44-5.05)	2.00"-2.49" (5.08-6.32)	2.50"-2.99" (6.35-7.59)	3.00"-3.49" (7.62-8.86)	3.50"-3.99" (8.89-10.13)
Length Inches (cm)	15" (38.10)	16½" (41.91)	18" (45.72)	20" (50.80)	21" (53.34)
Conduit Trade Size Inches	Catalog Number — Material Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)				
2½"	**CC175R212** 2,150 (9,563)	—	—	—	—
3"	**CC175R3** 1,990 (8,851)	**CC200R3** 3,260 (14,500)	—	—	—
3½"	—	**CC200R312** 2,970 (13,211)	**CC250R312** 3,260 (14,500)	—	—
4"	**CC175R4** 1,667 (7,410)	**CC200R4** 2,670 (11,876)	**CC250R4** 2,890 (12,855)	**CC300R4** 4,080 (18,148)	—
5"	—	—	**CC250R5** 2,160 (9,608)	**CC300R5** 2,860 (12,721)	**CC350R5** 3,160 (14,056)
6"	—	—	—	**CC300R6** 2,240 (9,963)	**CC350R6** 2,240 (9,963)

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

NEC® is a registered trademark of the National Fire Protection Association (NFPA).

Conduit Riser Support Grips

Application:

Supports vertical or sloping cable in schedule 40 rigid PVC conduit or standard electrical rigid metal conduit, prevents strain on terminals by transferring weight to support rim of the conduit, **not suitable** for EMT

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Suitable for standard electrical rigid metal conduit and schedule 40 rigid PVC conduit, **not suitable** for use with EMT
- Bryant Economy Conduit Riser Support Grips meet the requirements of NEC® 300.19

Ideal For Use In:

- Building and pole risers
- Underground cable lines
- Areas where ring termination is practical

Ring Type, Split Mesh, Lace Closing Inches (cm)

Cable Dia. Range Inches (cm)	.75"-.99" (1.90-2.51)	1.00"-1.24" (2.54-3.15)	1.25"-1.49" (3.17-3.78)	1.50"-1.74" (3.81-4.42)	1.75"-1.99" (4.44-5.05)
Length Inches (cm)	11" (27.94)	12" (30.48)	12½" (31.75)	14" (35.56)	15" (38.10)
Conduit Trade Size Inches	Catalog Number — Material Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)				
1½"	—	**CSD100L112** 2,040 (9,074)	—	—	—
2"	**CSD075L2** 1,420 (6,316)	**CSD100L2** 1,920 (8,540)	**CSD125L2** 2,040 (9,074)	—	—
2½"	—	—	**CSD125L212** 1,910 (8,496)	**CSD150L212** 2,040 (9,074)	**CSD175L212** 2,730 (12,143)
3"	—	—	**CSD125L3** 1,780 (7,917)	**CSD150L3** 1,880 (8,362)	**CSD175L3** 2,520 (11,209)
4"	—	—	—	**CSD150L4** 1,580 (7,028)	**CSD175L4** 2,110 (9,385)

Cable Dia. Range Inches (cm)	2.00"-2.49" (5.08-6.32)	2.50"-2.99" (6.35-7.59)	3.00"-3.49" (7.62-8.86)	3.50"-3.99" (8.89-10.13)
Length Inches (cm)	16½" (41.91)	18" (45.72)	20" (50.80)	21" (53.34)
Conduit Trade Size Inches	Catalog Number — Material Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)			
3"	**CSD200L3** 4,300 (19,126)	—	—	—
3½"	**CSD200L312** 3,910 (17,392)	**CSD250L312** 4,300 (19,126)	—	—
4"	**CSD200L4** 3,530 (15,701)	**CSD250L4** 3,820 (16,991)	**CSD300L4** 5,380 (23,930)	—
5"	—	**CSD250L5** 2,849 (12,672)	**CSD300L5** 3,760 (16,724)	**CSD350L5** 4,170 (18,548)
6"	—	**CSD250L6** 2,365 (10,519)	**CSD300L6** 2,955 (13,144)	**CSD350L6** 2,955 (13,144)

CSD125L3

Designed for use when cable ends are unavailable. The grip is wrapped around the cable and then drawn closed with a wire lace. It is important that the wire lacing be the same type and gauge as supplied with the grip from the factory.

The following procedures should be used when installing the grip:

Bend the wire lace in the middle so both ends are even. Wrap grip around the cable. Starting at the first loop closest to the eye, thread each end of the wire lace through the first loop on each side of the split, pull both ends of the lace until they are even. Criss-cross laces and thread each end of the lace through the next loop, on opposite sides of the split. Continue doing the same for the full length of the split, pulling the lace after each loop so the space between both sides of the split is no greater than the spaces of the mesh. When end of split is reached, twist lacing tightly together. Wrap ends of lace around grip. Twist ends to secure. Only new laces should be used. A split grip is only as good as its lacing or closing of the split.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

NEC® is a registered trademark of the National Fire Protection Association (NFPA).

Conduit Riser Support Grips

Application:

Supports vertical or sloping cable in schedule 40 rigid PVC conduit or standard electrical rigid metal conduit, prevents strain on terminals by transferring weight to support rim of the conduit, **not suitable** for EMT

- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Suitable for standard electrical rigid metal conduit and schedule 40 rigid PVC conduit, **not suitable** for use with EMT
- Bryant Economy Conduit Riser Support Grips meet the requirements of NEC® 300.19

Ideal For Use In:

- Building and pole risers
- Underground cable lines
- Areas where ring termination is practical

CSR125R3

Ring Type, Split Mesh, Rod Closing Inches (cm)

Cable Dia. Range Inches (cm)	.75"-.99" (1.90-2.51)	1.00"-1.24" (2.54-3.15)	1.25"-1.49" (3.17-3.78)	1.50"-1.74" (3.81-4.42)	1.75"-1.99" (4.44-5.05)	2.00"-2.49" (5.08-6.32)	2.50"-2.99" (6.35-7.59)
Length Inches (cm)	10½" (26.67)	12" (30.48)	13½" (34.29)	14" (35.56)	15½" (39.37)	16" (40.64)	18½" (46.99)
Conduit Trade Size Inches	Catalog Number — Material Tin-Coated Bronze Approx. Breaking Strength Lbs. (N)						
1¼"	**CSR075R114** 1,020 (4,537)	—	—	—	—	—	—
1½"	**CSR075R112** 970 (4,315)	**CSR100R112** 1,610 (7,161)	—	—	—	—	—
2"	—	**CSR100R2** 1,520 (6,761)	**CSR125R2** 1,610 (7,161)	—	—	—	—
2½"	—	**CSR100R212** 1,430 (6,361)	**CSR125R212** 1,510 (6,716)	**CSR150R212*** 2,150 (9,563)	—	—	—
3"	—	—	**CSR125R3** 1,400 (6,227)	**CSR150R3*** 1,990 (8,851)	**CSR175R3** 1,990 (8,851)	**CSR200R3** 3,260 (14,500)	—
3½"	—	—	—	—	—	**CSR200R312** 2,970 (13,211)	**CSR250R312** 3,260 (14,500)
4"	—	—	—	—	—	**CSR200R4** 2,670 (11,876)	**CSR250R4** 2,890 (17,855)

Split rod closing grips are used for pulling slack or providing support when ends of cable are not available. The provided stainless steel rod makes threading fast and easy. The strands of mesh pass around the rod and match up with strands from the opposite direction. Since the rod does not touch the cable at any point it cannot cut the cable. Rod closing grips can be removed and reused as many times as desired.

The following procedures should be used when installing the grip:
Wrap the grip around the cable and thread the rod through the pre-formed loops with a corkscrew motion, using the curved end of the rod to engage the loops. This requires a simultaneous steady twist and push motion. The fingers of the left hand are used to bring the loops together just ahead of the hook on the end of the rod. To remove, simply pull out rod.

CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

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Special Purpose Splicing Grips

FTD10024

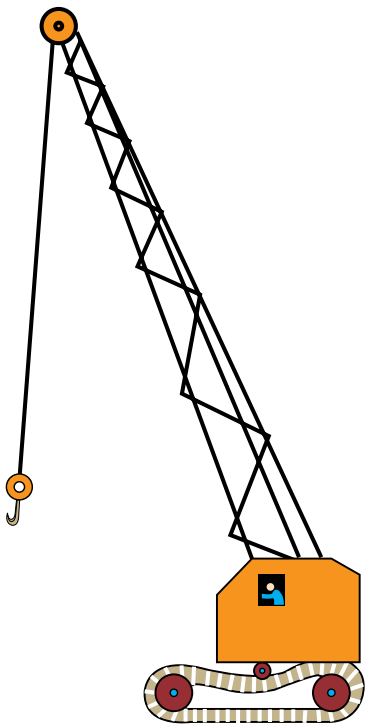
Application:
Temporary splice for cable and wire rope, can be used as cable reinforcement and to protect cables and hoses from abrasion, used to replace old wire rope with new wire rope

Ideal For Use In:

- Cranes
- Oil derricks
- Drag lines
- Hoists
- Factory control cables

Flexible Tube Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Mesh Length Inches (cm)	Catalog Number
.37"-.49" (.94-1.24)	3,200 (14,234)	18" (45.72)	**FTD03718**
.50"-.61" (1.27-1.55)	3,200 (14,234)	18" (45.72)	**FTD05018**
.50"-.61" (1.27-1.55)	3,200 (14,234)	24" (60.96)	**FTD05024**
.62"-.74" (1.57-1.88)	4,000 (17,792)	18" (45.72)	**FTD06218**
.62"-.74" (1.57-1.88)	4,000 (17,792)	24" (60.96)	**FTD06224**
.62"-.74" (1.57-1.88)	4,000 (17,792)	36" (91.44)	**FTD06236**
.75"-.99" (1.90-2.51)	6,800 (30,246)	24" (60.96)	**FTD07524**
.75"-.99" (1.90-2.51)	6,800 (30,246)	36" (91.44)	**FTD07536**
.75"-.99" (1.90-2.51)	6,800 (30,246)	48" (121.92)	**FTD07548**
.75"-.99" (1.90-2.51)	6,800 (30,246)	72" (182.88)	**FTD07572**
1.00"-1.49" (2.54-3.78)	9,000 (40,032)	24" (60.96)	**FTD10024**
1.00"-1.49" (2.54-3.78)	9,100 (40,477)	36" (91.44)	**FTD10036**
1.00"-1.49" (2.54-3.78)	9,100 (40,477)	48" (121.92)	**FTD10048**
1.00"-1.49" (2.54-3.78)	9,100 (40,477)	72" (182.88)	**FTD10072**

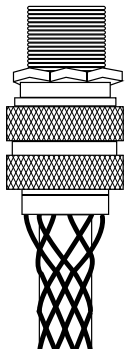


CAUTION **Never use grip to approximate breaking strength. Refer to page M-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Specifications are subject to change without notice.

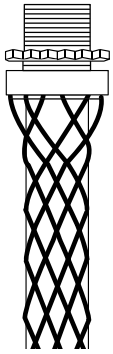
Wire Management Products

Strain Relief Grips Quick Reference Selection Guide



Deluxe Cord

Indoor or outdoor use where subject to moisture, splash, or washdown. Examples are crane hoist and pendant drop stations, hand tools, pumps, and processing equipment. See pages M-23 and M-24.



Wide Range Strain Relief

Indoor use only for wiring of electrical enclosures, machine tools, portable power tools, and bus drop cable systems. See page M-25.

Liquidtight, Flexible Metal Conduit

Wiring of machine tools, electrical enclosures, motors, and systems subjected to vibration, flexure, motion, or strain. Also available in straight, 90° or 45° configurations. See page M-25.

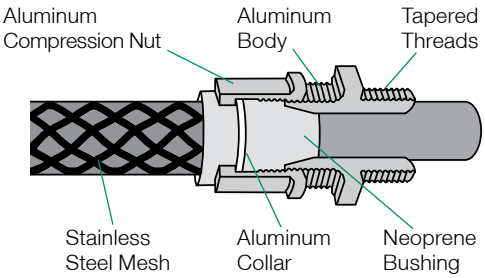
Deluxe Cord Strain Relief Grips

Application:

Indoor and outdoor environments where cable or arc-of-bend control, cord is exposed to moisture, splash or washdown, provides pullout from tension, vibration, motion and strain

Ideal For Use In:

- Industrial applications
- Chemical machinery
- Control cabinets
- Pumps and compressors
- Machine tool shops
- Motor connections



DC6234

Deluxe Cord Grips Inches (cm)

NPT Hub Size Inches	Grip Dia. Range Inches (cm)	Straight Male Thread
⅜"	.250"-.312" (.63-.79)	**DC2538**
	.312"-.375" (.79-.95)	**DC3138**
	.375"-.437" (.95-1.11)	**DC3738**
½"	.187"-.250" (.47-.63)	**DC1812**
	.250"-.375" (.63-.95)	**DC2512**
	.375"-.500" (.95-1.27)	**DC3712**
	.500"-.625" (1.27-1.59)	**DC5012**
	.625"-.750" (1.59-1.90)	**DC6212**
¾"	.187"-.250" (.47-.63)	**DC1834**
	.250"-.375" (.63-.95)	**DC2534**
	.375"-.500" (.95-1.27)	**DC3734**
	.500"-.625" (1.27-1.59)	**DC5034**
	.625"-.750" (1.59-1.90)	**DC6234**
	.750"-.875" (1.90-2.22)	**DC7534**
1"	.500"-.625" (1.27-1.59)	**DC501**
	.625"-.750" (1.59-1.90)	**DC621**
	.750"-.875" (1.90-2.22)	**DC751**
	.875"-1.000" (2.22-2.54)	**DC871**
1¼"	.875"-1.000" (2.22-2.54)	**DC87114**
	1.000"-1.125" (2.54-2.86)	**DC100114**
	1.125"-1.250" (2.86-3.17)	**DC112114**
	1.250"-1.375" (3.17-3.49)	**DC125114**
1½"	.875"-1.000" (2.22-2.54)	**DC87112**
	1.000"-1.125" (2.54-2.86)	**DC100112**
	1.125"-1.250" (2.86-3.17)	**DC112112**
	1.250"-1.375" (3.17-3.49)	**DC125112**
	1.312"-1.437" (3.33-3.65)	**DC131112**
	1.437"-1.562" (3.65-3.97)	**DC143112**
	1.562"-1.687" (3.97-4.28)	**DC156112**
	1.687"-1.812" (4.28-4.60)	**DC168112**

NPT Hub Size Inches	Grip Dia. Range Inches (cm)	Straight Male Thread
2"	1.312"-1.437" (3.33-3.65)	**DC1312**
	1.437"-1.562" (3.65-3.97)	**DC1432**
	1.562"-1.687" (3.97-4.28)	**DC1562**
	1.687"-1.812" (4.28-4.60)	**DC1682**
	1.750"-1.875" (4.44-4.76)	**DC1752**
	1.812"-1.937" (4.60-4.92)	**DC181X2**
	1.937"-2.062" (4.92-5.24)	**DC1932**
	2.062"-2.187" (5.24-5.55)	**DC2062**
2½"	1.687"-1.812" (4.28-4.60)	**DC168212**
	1.812"-1.937" (4.60-4.92)	**DC181212**
	1.937"-2.062" (4.92-5.24)	**DC193212**
	2.062"-2.187" (5.24-5.55)	**DC206212**
	2.187"-2.312" (5.55-5.87)	**DC218212**
	2.312"-2.437" (5.87-6.19)	**DC231212**
3"	1.937"-2.062" (4.92-5.24)	**DC1933**
	2.063"-2.187" (5.24-5.55)	**DC2063**
	2.187"-2.312" (5.55-5.87)	**DC2183**
	2.312"-2.437" (5.87-6.19)	**DC2313**
	2.437"-2.625" (6.19-6.67)	**DC2433**
	2.625"-2.812" (6.67-7.14)	**DC2623**
	2.812"-3.000" (7.14-7.62)	**DC2813**

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Wire Management Products

Deluxe Cord Strain Relief Grips

DC62F34

DC62434

DC50934

Application:
Used for indoor and outdoor environments where cable or cord is exposed to moisture, splash or washdown, prevents pullout from tension, vibration, motion and strain applications associated with such environmental conditions, and controls arc-of-bend by absorbing tension from terminals

Ideal For Use In:

- Food processing equipment
- Chemical machinery
- Switch boxes
- Pumps and compressors
- Motors and machine tools
- Drop stations

Deluxe Cord Grips Inches (cm)

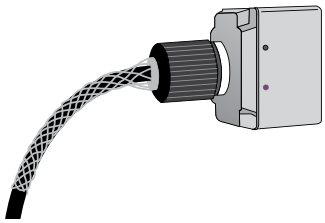
NPT Hub Size Inches	Grip Dia. Range Inches (cm)	Straight Female Thread	45° Male Thread	90° Male Thread
⅜"	.250"-.312" (.63-.79)	—	—	**DC25938**
	.312"-.375" (.79-.95)	—	—	**DC31938**
	.375"-.437" (.95-1.11)	—	—	**DC37938**
½"	.187"-.250" (.47-.63)	—	—	**DC18912**
	.250"-.375" (.63-.95)	**DC25F12**	**DC25412**	**DC25912**
	.375"-.500" (.95-1.27)	**DC37F12**	**DC37412**	**DC37912**
	.500"-.625" (1.27-1.59)	**DC50F12**	**DC50412**	**DC50912**
¾"	.250"-.375" (.63-.95)	**DC25F34**	—	—
	.375"-.500" (.95-1.27)	**DC37F34**	—	**DC37934**
	.500"-.625" (1.27-1.59)	**DC50F34**	**DC50434**	**DC50934**
	.625"-.750" (1.59-1.90)	**DC62F34**	**DC62434**	**DC62934**
1"	.500"-.625" (1.27-1.59)	—	**DC5041**	**DC5091**
	.625"-.750" (1.59-1.90)	—	**DC6241**	**DC6291**
	.750"-.875" (1.90-2.22)	—	**DC7541**	**DC7591**
	.875"-1.000" (2.22-2.54)	—	**DC8741**	**DC8791**
1¼"	.875"-1.000" (2.22-2.54)	—	—	**DC879114**
	1.000"-1.125" (2.54-2.86)	—	**DC1004114**	**DC1009114**
	1.125"-1.250" (2.86-3.17)	—	**DC1124114**	**DC1129114**
	1.250"-1.375" (3.17-3.49)	—	**DC1254114**	**DC1259114**
1½"	.875"-1.000" (2.22-2.54)	—	—	—
	1.000"-1.125" (2.54-2.86)	—	**DC1004112**	**DC1009112**
	1.125"-1.250" (2.86-3.17)	—	**DC1124112**	**DC1129112**
	1.250"-1.375" (3.17-3.49)	—	**DC1254112**	**DC1259112**

Plug and Connector Strain Relief Grips

PC345W43
(Plug not Included)

Application:
Designed for use with Bryant Triple Gripper® plugs and connectors, reduces damage to connectors, plugs and cables caused by arc-of-bend

- Remove and replace rear dust shield



Product Selection Chart Inches (cm)

Cord Diameter Range Inches (cm)	For Use with Bryant Triple Gripper® Plugs and Connectors	Catalog Number
.30"-.37" (.76-.94)	15 and 20 Amp Straight Blade and 15 Amp Locking 3-Wire Devices	**PC13W32**
.38"-.50" (.96-1.27)		**PC13W43**
.50"-.61" (1.27-1.55)		**PC13W54**
.30"-.41" (.76-1.04)	20 and 30 Amp Locking 3-Wire Devices	**PC23W43**
.40"-.68" (1.02-1.73)		**PC23W54**
.67"-.78" (1.70-1.98)		**PC23W73**
.46"-.68" (1.17-1.73)	20 and 30 Amp Locking 4- and 5-Wire Devices	**PC345W43**
.68"-.83" (1.73-2.11)		**PC345W54**
.83"-.95" (2.11-2.41)		**PC345W73**

To Use the Chart

1. Identify the Bryant plug or connector needed by type (straight blade or locking), number of wires, and amperage.
2. Find the corresponding cord diameter size to be used.
3. Match this with the grip catalog number shown to the left.

Example: A locking 20 amp, 3-wire plug used with a .60 in. diameter cable would use a **PC23W54**.

Wire Management Products

Dust-Tight Strain Relief Grips

Application:
For indoor use only to connect flexible cord or bus drop cables to electrical enclosures, used for preventing cable pullout damage and for controlling arc-of-bend by absorbing tension from terminals

Ideal For Use In:

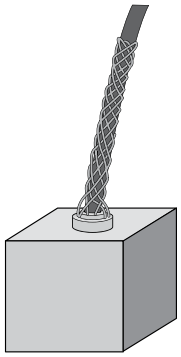
- Bus drop systems
- Motor connections
- Panel boards
- Internal wiring of machines and cabinets

BDSR43

Wide Range Grips Inches (cm)

NPS/NPT* Hub Size	Cable Diameter Range Inches (cm)	Mesh Length Inches (cm)	Knockout Hole Recommended Min. To Max. Inches (cm)	Catalog Number
½ NPS	.24"-.32" (.61-.81)	3¼" (8.25)	.86"-.91" (2.18-2.31)	**BDSR24**
½ NPS	.32"-.43" (.81-1.09)	3¾" (9.52)	.86"-.91" (2.18-2.31)	**BDSR32**
½ NPS	.43"-.54" (1.09-1.37)	4¾" (12.06)	.86"-.91" (2.18-2.31)	**BDSR43**
¾ NPS	.54"-.73" (1.37-1.85)	6½" (16.51)	1.09"-1.14" (2.77-2.90)	**BDSR54**
1 NPS	.73"-.97" (1.85-2.46)	7" (17.78)	1.36"-1.41" (3.45-3.58)	**BDSR73**
1¼ NPS	.97"-1.25" (2.46-3.17)	9" (22.86)	1.72"-1.77" (4.37-4.49)	**BDSR97**
1½ NPT	1.25"-1.50" (3.17-3.81)	11¾" (29.84)	1.97"-2.02" (5.00-5.13)	**BDSR125**
2 NPT	1.50"-1.70" (3.81-4.32)	13¼" (33.65)	2.45"-2.50" (6.22-6.35)	**BDSR150**
2½ NPT	1.70"-2.00" (4.32-5.08)	13½" (34.29)	2.95"-3.00" (7.49-7.62)	**BDSR170**
2½ NPT	2.00"-2.45" (5.08-6.22)	13¾" (34.92)	2.95"-3.00" (7.49-7.62)	**BDSR200**

*Note: *NPS = National Pipe Straight, NPT = National Pipe Taper.*

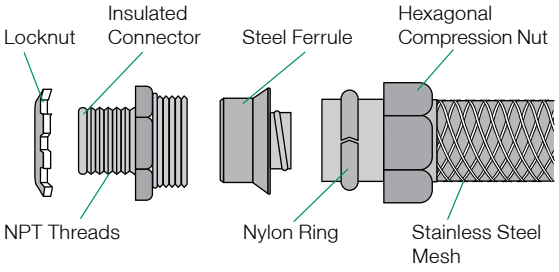


Liquidtight Strain Relief Grips

Application:
Any application for type B liquidtight conduit, flexible conduit grips are suitable for use in hazardous locations per Class I Div. 2, Class II Div. 1 and 2, Class III Div. 1 and 2 of the NEC® sections 501.10(b), 502.10(a), 502.10(b), 503.10(a), and 503.10(b)

Ideal For Use In:

- On-machine wiring
- HVAC applications
- Food processing
- Chemical plants
- Mines
- Machine tool shops
- Motor connections



FC75

Male Fittings Inches (cm)

Conduit Trade Size	Mesh Length Inches (cm)	NPT Hub Size Inches	Straight Male Fitting	45° Male Fitting	90° Male Fitting
⅜"	3" (7.62)	½"	**FC38**	**FC3845**	**FC3890**
½"	4" (10.16)	½"	**FC50**	**FC5045**	**FC5090**
¾"	4" (10.16)	¾"	**FC75**	**FC7545**	**FC7590**
1"	5" (12.70)	1"	**FC100**	**FC10045**	**FC10090**
1¼"	6" (15.24)	1¼"	**FC125**	**FC12545**	**FC12590**
1½"	6¾" (17.14)	1½"	**FC150**	**FC15045**	**FC15090**
2"	8" (20.32)	2"	**FC200**	**FC20045**	**FC20090**
2½"	9¾" (24.76)	2½"	**FC250**	**—**	**FC25090**
3"	11" (27.94)	3"	**FC300**	**—**	**—**
4"	14" (35.56)	4"	**FC400**	**—**	**—**

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Safety and Working Load Factors for Wire Mesh Grips

There are many variables associated with the use of wire mesh cable grips. Working load is an estimation of several factors including tension, cable diameter, number of cables gripped, gripping surface and more. Safety factors associated in the product's use must be considered together with the effects of abrasion, corrosion, prior use and abuse and other variables specific to the application.

The appropriate breaking strength of a Bryant Economy Cable Grip represents an average calculation based on data established from actual testing performed in our engineering laboratories. Under normal usage conditions, our recommended factor of safety is five for pulling grips and ten for support grips.

Any warranty as to quality, performance of fitness-for-use of the grips is always premised on the condition that the published strengths apply only to new, unused grips, and that such products are properly stored, handled, used, maintained and inspected by the user at a frequency appropriate for the use and condition of the grip.

WARNING **Under normal conditions, Bryant recommended factor of safety is five for catalog listed pulling grips, and ten for catalog listed support grips.**

Example

Grip Style	Approx. Breaking Strength (Lbs.)	Safety Factor	Max. Recommended Load (Lbs.)	Catalog Number
Pulling	27,200	5	5,440	**PHS200**
Support	1,610	10	161	**SPS125U**

Note: The maximum recommended working load is the greatest tension to be exerted on a grip for any application, with a margin of safety to protect against unforeseen and unusual circumstances.

Wire Mesh Grip Materials

Material	Features	Product Group
Galvanized steel wire	High strength	Pulling grips
	Not subject to continuous outside environment	Splicing grips and bus drop grips
Tin-coated bronze wire	Corrosion-resistant for normal outside areas Non-magnetic Moderate strength	Support grips
Stainless steel wire (302/304)	High strength	Support grips
	Corrosion-resistant	Strain relief grips

Applicable Code Requirements:

Bryant Economy Cable Grips meet the following requirements:

NEC® 300.19	Support of conductors in vertical raceways
NEC® 350	Liquidtight flexible metal conduit termination
NEC® 400.14	Flexible cord and cable protection
NEC® 400.10	Strain relief at joints and terminals
NEC® 501.10 (B)	Class I, Division 2, Tensile stress avoidance at termination fittings
NEC® 502.10 (A) and (B)	Class II, Division 1 and 2, Tensile stress avoidance at termination fittings
NEC® 503.10 (A) and (B)	Class III, Division 1, Tensile stress avoidance at termination fittings

Selection Table for Multiple Cables of Different Diameters Inches (cm)

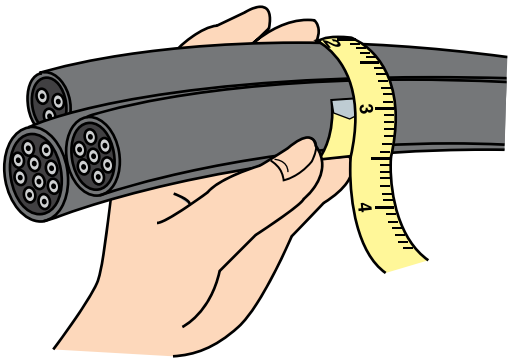
How to choose the correct grip size:

1. Find the grip circumference range by measuring the circumference of the bundle of different diameter cables to be gripped (see illustration).
2. Divide the bundle circumference by 3.14 to determine the diameter.
3. Choose a grip offering a range of cable diameters the same as the cable diameter.

For cables of equal diameters

Under "number of cables in one grip", find the diameter of your single cable in vertical column, see page M-27. Read the grip diameter range to the right. If your diameter is the maximum of the range shown, go to the next larger size for split grips, stay with the same size for closed grips.

Example: 3 cables, each with .89 (2.26) diameter, for a closed grip select the 1.50-1.74 (3.81-4.42) range, for a split grip select the 1.75-1.99 (4.44-5.05) range.



CAUTION **When a grip is used on multiple cables, the tail end of the grip should be banded after positioning on the cables.**

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Multiple Cable, Grip Selection Chart

Selection Chart for Determining Grip Size When More Than One Cable is Held in a Single Grip Inches (cm)

❶ Under "Number of Cables in One Grip", find the diameter range of your cables in vertical column. Read grip size and grip diameter range to the left.

❷ If your diameter is the maximum of the range shown, go to the next larger size for split grips or stay with the same size for closed grips.

❸ Example: 3 cables, each with .89 in. diameter, a closed grip would use a 150 grip size while a split grip would use a 175 grip size.

	Grip Size	Grip Dia. Range Inches (cm)	Number of Cables in One Grip						
			2	3	4	5	6 and 7	8	9
Pulling and Support	50	.50"-.61" (1.27-1.55)	.30"-.38" (.76-.97)	.25"-.31" (.63-.79)	.22"-.27" (.56-.69)	.19"-.24" (.48-.61)	.17"-.22" (.43-.56)	.15"-.19" (.38-.48)	.14"-.18" (.36-.46)
	62	.62"-.74" (1.57-1.88)	.38"-.44" (.97-1.12)	.31"-.36" (.79-.91)	.27"-.31" (.69-.79)	.24"-.29" (.61-.74)	.22"-.26" (.56-.66)	.19"-.23" (.48-.56)	.18"-.21" (.46-.53)
	75	.75"-.99" (1.90-2.51)	.44"-.59" (1.12-1.50)	.36"-.49" (.91-1.24)	.31"-.42" (.79-1.07)	.29"-.38" (.74-.97)	.26"-.34" (.66-.86)	.23"-.31" (.58-.79)	.21"-.28" (.53-.71)
	100	1.00"-1.24" (2.54-3.15)	.59"-.75" (1.50-1.90)	.49"-.63" (1.24-1.60)	.42"-.54" (1.07-1.37)	.38"-.48" (.97-1.22)	.34"-.43" (.86-1.09)	.31"-.39" (.79-.99)	.28"-.35" (.71-.89)
	125	1.25"-1.49" (3.17-3.78)	.75"-.90" (1.90-2.29)	.63"-.76" (1.60-1.93)	.54"-.65" (1.37-1.65)	.48"-.58" (1.22-1.47)	.43"-.52" 1.09-1.32)	.39"-.46" (.99-1.17)	.35"-.42" (.89-1.07)
	150	1.49"-1.74" (3.81-4.42)	.90"-1.07" (2.29-2.72)	.76"-.89" (1.93-2.26	.65"-.77" (1.65-1.96)	.58"-.67" (1.47-1.70)	.52"-.60" (1.32-1.52)	.46"-.54" (1.17-1.37)	.42"-.49" (1.07-1.24)
	175	1.75"-1.99" (4.44-5.05)	1.07"-1.22" (2.72-3.10)	.89"-1.02" (2.26-2.59)	.77"-.88" (1.96-2.24)	.67"-.77" (1.70-1.96)	.60"-.69" (1.52-1.75)	.54"-.62" (1.37-1.57)	.49"-.56" (1.24-1.42)
	200	2.00"-2.49" (5.08-6.32)	1.22"-1.53" (3.10-3.89)	1.02"-1.28" (2.59-3.25)	.88"-1.10" (2.24-2.79)	.77"-.96" (1.96-2.44)	.69"-.86" (1.75-2.18)	.62"-.77" (1.57-1.96)	.56"-.71" (1.42-1.80)
	250	2.50"-2.99" (6.35-7.59)	1.53"-1.83" (3.89-4.65)	1.28"-1.53" (3.25-3.89)	1.10"-1.32" (2.79-3.35)	.96"-1.16" (2.44-2.95)	.86"-1.03" (2.18-2.62)	.77"-.93" (1.96-2.36)	.71"-.85" (1.80-2.16)
	300	3.00"-3.49" (7.62-8.86)	1.83"-2.14" (4.65-5.44)	1.53"-1.79" (3.89-4.55)	1.32"-1.54" (3.35-3.91	1.16"-1.35" (2.95-3.43)	1.03"-1.20" (2.62-3.05)	.93"-1.08" (2.36-2.74)	.85"-.99" (2.16-2.51)
	350	3.50"-3.99" (8.89-10.13)	2.14"-2.44" (5.44-6.20)	1.79"-2.05" (4.55-5.21)	1.54"-1.76" (3.91-4.47)	1.35"-1.54" (3.43-3.91)	1.20"-1.37" (3.05-3.48)	1.08"-1.24" (2.74-3.15)	.99"-1.13" (2.51-2.87)
	400	4.00"-4.49" (10.16-11.40)	2.44"-2.75" (6.20-6.98)	2.05"-2.30" (5.21-5.84)	1.76"-1.98" (4.47-5.03)	1.54"-1.74" (3.91-4.42)	1.37"-1.55" (3.48-3.94)	1.24"-1.39" (3.15-3.53)	1.13"-1.27" (2.87-3.23)
	450	4.50"-4.99" (11.43-12.67)	2.75"-3.06" (6.98-7.77)	2.30"-2.56" (5.84-6.50)	1.98"-2.20" (5.03-5.59)	1.74"-1.93" (4.42-4.90)	1.55"-1.72" (3.94-4.37)	1.39"-1.55" (3.53-3.94)	1.27"-1.41" (3.23-3.58)
Conduit Riser	50	.50"-.62" (1.27-1.57)	.29"-.36" (.74-.91)	.24"-.30" (.61-.76)	.21"-.25" (.53-.63)	.18"-.22" (.46-.56)	.16"-.20" (.41-.51)	.15"-.18" (.38-.46)	.14"-.17" (.36-.43)
	62	.63"-.74" (1.60-1.88)	.37"-.43" (.94-1.09)	.31"-.36" (.79-.91)	.26"-.30" (.66-.76)	.23"-.27" (.58-.69)	.21"-.24" (.53-.61)	.19"-.22" (.48-.56)	.18"-.20" (.46-.51)
	75	.75"-.99" (1.90-2.51)	.44"-.58" (1.12-1.47)	37"-.48" (.94-1.22)	.31"-.41" (.79-1.04)	.28"-.36" (.71-.91)	.25"-.32" (.63-.81)	.23"-.29" (.58-.74)	.21"-.27" (.53-.69)
	100	1.00"-1.24" (2.54-3.15)	.59"-.72" (1.50-1.83)	.49"-.60" (1.24-1.52)	.42"-.51" (1.07-1.30)	.37"-.45" (.94-1.14)	.33"-.40" (.84-1.02)	.30"-.36" (.76-.91)	.28"-.34" (.71-.86)
	125	1.25"-1.49" (3.17-3.78)	.73"-.87" (1.85-2.21)	.61"-.72" (1.55-1.83)	.52"-.61" (1.32-1.55)	.46"-.54" (1.17-1.37)	.41"-.48" (1.04-1.22)	.37"-.43" (.94-1.09)	.35"-.40" (.89-1.02)
	150	1.50"-1.74" (3.81-4.42)	.88"-1.01" (2.24-2.57)	.73"-.85" (1.85-2.16)	.62"-.71" (1.57-1.80)	.55"-.63" (1.40-1.60)	.49"-.56" (1.24-1.42)	.44"-.51" (1.12-1.30)	.41"-.47" (1.04-1.19)
	175	1.75"-1.99" (4.44-5.05)	1.02"-1.16" (2.59-2.95)	.86"-.96" (2.18-2.44)	.72"-.81" (1.83-2.06)	.64"-.72" (1.63-1.83)	.57"-.64" (1.45-1.63)	.52"-.58" (1.32-1.49)	.48"-.54" (1.22-1.37)
	200	2.00"-2.49" (5.08-6.32)	1.17"-1.44" (2.97-3.66)	.97"-1.20" (2.46-3.05)	.82"-1.02" (2.08-2.59)	.73"-.90" (1.85-2.29)	.65"-.80" (1.65-2.03)	.59"-.72" (1.50-1.83)	.55"-.67" (1.40-1.70)
	250	2.50"-2.99" (6.35-7.59)	1.45"-1.73" (3.68-4.39)	1.21"-1.45" (3.07-3.68)	1.03"-1.22" (2.62-3.10)	.91"-1.08" (2.31-2.74)	.81"-.96" (2.06-2.44)	.73"-.87" (1.85-2.21)	.68"-.81" (1.73-2.06)
	300	3.00"-3.49" (7.62-8.86)	1.74"-2.02" (4.42-5.13)	1.46"-1.69" (3.71-4.29)	1.23"-1.43" (3.12-3.63)	1.09"-1.26" (2.77-3.20)	.97"-1.11" (2.46-2.82)	.83"-1.01" (2.11-2.57)	.82"-.94" (2.08-2.39)
	350	3.50"-3.99" (8.89-10.13)	2.75"-3.06" (5.16-5.87)	1.70"-1.93" (4.32-4.90)	1.44"-1.63" (3.66-4.14)	1.27"-1.44" (3.23-3.66)	1.12"-1.27" (2.84-3.23)	1.02"-1.15" (2.59-2.92)	.95"-1.08" (2.41-2.74)

Technical Data

Bryant Pulling Grips are reusable tools for pulling electrical cable, bare conductor or rope. They are easy and fast to install, providing the user with a smooth, slim profile that allows for easy passage through ducts and conduit. Bryant Pulling Grips are made of the highest quality galvanized steel strand which assures the user of a long lasting grip. There is a Bryant Pulling Grip for every pulling job.

CAUTION It is very important to comply with all of the following precautions. Failure to do so may result in property damage, personal injury or death.

1. Pulling grips are to be installed by a qualified individual in accordance with all applicable national and local safety, electrical and rigging codes.
2. Ensure that the correct grip is selected for your specific needs.
3. Do not use a pulling grip for any application other than pulling cable.
4. Thoroughly examine the grip for damage. Do not use a damaged grip.
5. Ensure that the recommended work load of the grip is suitable for the application. Never use grips at their approximated rated breaking strength. A safety factor of 5 is recommended for pulling grips.
6. Do not alter grips in any way. For example, do not modify pulling eyes, shoulders, fittings or lugs.
7. Do not attach any type of pulling hardware to any point on the grip other than the pulling eye. The pulling eye is the only acceptable means of attachment to external hardware.
8. Always apply 2 bands at 1" and 2" respectively, from the tail end of the mesh to guard against accidental release of the grip. Accidental release can occur if an object contracts and pushes against the tail end of the mesh, thereby expanding and releasing its hold.

Select The Correct Pulling Grip

Each Bryant Grip is designed to work on a specific range of cable diameters.

Step 1 Refer to the chart below to determine the style of grip best suited for your application.

Step 2 Determine your cable outside diameter.

Step 3 Find the grip size that encompasses your cable diameter.

Step 4 Estimate the tension to be put on the grip, establish the working load you require and compare this to the listed approximate breaking strength of the grip to insure that the grip will be strong enough. Refer to page M-26 for safety and working load factors.

Pulling Grip Selection Chart

Grip Style	Application	Page Number
Multiple strength, flexible eye	Normal overhead transmission and distribution line stringing for bare or insulated conductor.	M-4
Revolving eye grip	Underground power cables and communication lines. Service lines into factories.	M-5
Flexible eye grip	Underground power cables and communication lines. Service lines into factories.	M-5
Light duty, flexible eye	Light pulling, underground electrical construction. Industrial plant wiring and rewiring jobs.	M-6
Junior, flexible eye	Connect bundled insulated building wire to a pulling tape. Pull wire through conduit.	M-6
Slack pulling, closed mesh	Remove underground cable. For pulling slack in final placement of new cable when end of cable is available.	M-7
Slack pulling, split mesh	Remove underground cable. For pulling slack in final placement of new cable rawhide lace closing when end of cable is not available.	M-7
Pulling Grip Accessories	Tools, bands and swivels.	M-8
Splicing	Temporary splice for cable or wire rope.	M-22

Overhead Pulling Multiple Strength Grips

Multiple Strength Pulling Grips are designed for pulling aluminum or copper bare conductor, ground wires, messenger strands, wire rope and insulated cables. They are made of high strength galvanized steel strand and feature a multi-weave mesh construction of single, double and triple weave for firm holding power.

Application

Bryant Multiple Strength Grips are ideal for overhead transmission and distribution line stringing where moderate loading is anticipated. They are economical tools for attaching conductors to pulling lines and double socking for conductor-to-conductor connections.

Flexible Eye Feature

Multiple Strength Grips are also available with a flexible, patented wire rope eye. This compact eye will mate with a swivel, and pass through blocks and sheaves without binding.

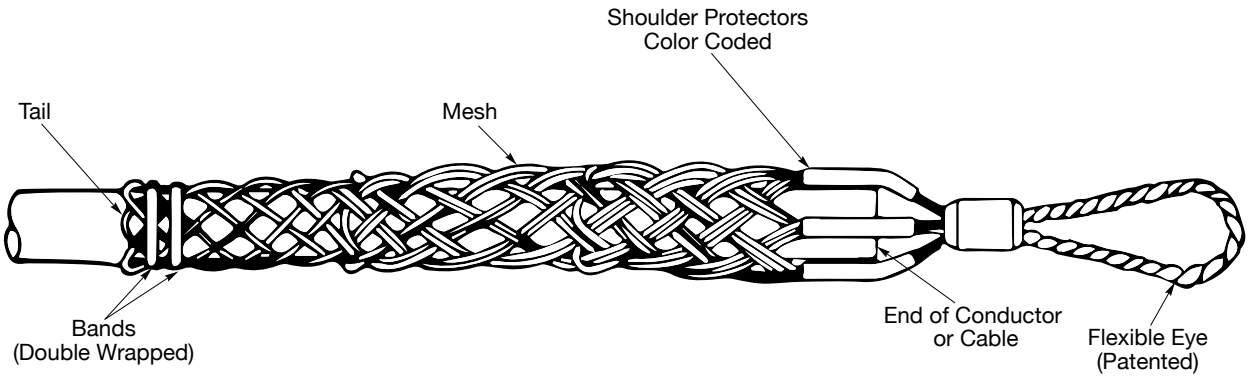
Benefits

- Economical, high strength pulling tool
- Multi-weave construction provides greater strength and holding power
- Endless Weave Grip end lies flat on the cable and will not snag

Note: 1. Do not run grips or swivels over bullwheels while under tension.

2. Two Punch-Lok® bands should be firmly attached approximately 1" and 2" (2.54cm and 5.08cm) from the grip's tail. Banding is required to ensure maximum reliability and guard against accidental release. See page M-8.

Components



Underground Pulling Rotating Eye and Flexible Eye Grips

Rotating Eye Application

Rotating Eye Pulling Grips are specially designed for use in the installation of underground power cables, communication lines and service lines into factories, shopping centers, construction projects and general underground electrical construction.

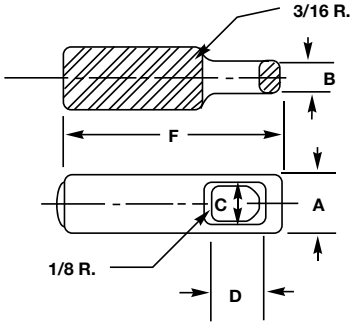
Rotating Eye Feature

Rotating Eye Grips come equipped with a forged steel rotating eye which can be attached to a swivel. The forged eye is durable, compact and streamlined, and will thread through blocks and sheaves without binding.

The rotating eye is not a swivel and will not turn while under tension, it can turn to relieve pulling torque when the tension is relaxed. If constant swivel action is required, a swivel should be used. For swivel dimensions, see page M-8.

Benefits

- An economical tool for pulling cable
- Safe, rugged and dependable
- Equipped with a rotating eye for spin out of pulling torque after load release
- Easily installed and removed



Rotating Eye Dimensions Inches (cm)

Rotating Eye Dimensions Inches (cm)	A	B	C	D	F
⅞" (2.22)	⅞" (2.22)	9⁄32" (.71)	½" (1.27)	⅞" (2.22)	2⅝" (6.67)
1" (2.54)	1" (2.54)	½" (1.27)	9⁄16" (1.43)	13⁄16" (2.06)	3½" (8.89)
1⅜" (3.49)	1⅜" (3.49)	½" (1.27)	11⁄16" (1.75)	1" (2.54)	4½" (11.43)
1⅝" (4.13)	1⅝" (4.13)	⅝" (1.59)	⅞" (2.22)	1 3⁄16" (3.02)	5 5⁄16" (13.49)
1⅞" (4.76)	1⅞" (4.76)	21⁄32"(1.67)	1" (2.54)	1⅜" (3.49)	6⅛" (15.56)

Flexible Eye Application

Bryant Flexible Eye Pulling Grips are made of high strength galvanized steel strand. They feature double weave mesh for positive holding power in medium to heavy pulling jobs. The grip eye will easily attach to a swivel.

Flexible Eye Feature

Flexible Eye Pulling Grips are used for the installation of underground power cables, communication lines and service lines into factories, construction projects and for general underground electrical construction. Available in two mesh lengths, short for medium pulls and standard for general purpose pulling.

Benefits

- Will pull a single cable or cable bundles
- Patented flexible eye design provides flexibility to follow line of pull
- A dependable, reusable pulling tool
- Easily installed and removed
- Mates easily with a swivel, see page M-8

Section N

Lampholders, Starters and Adapters

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Lampholders, Starters and Adapters

Incandescent Lampholders

Incandescent Lampholders:

- 2 or 4 screw termination allows for quick feed through
- 6 inch pigtail accommodates twist on wire connectors

Fluorescent Lampholders:

- Thermoplastic construction available for HO (High Output), slimline, or Bi-pin types

Porcelain Lampholders

Catalog Number	RL8804	RL8806	RL8812	RL8816	RL8822
Description	Keyless, white, 4 terminal screws	Keyless, white, 6 inch pigtails	Pull chain, white, 2 terminal screws	Pull chain, white, 6 inch pigtails	Pull chain with receptacle, white, 2 terminal screws
Rating	660W 250V	660W 250V	660W 250V	660W 250V	660W 125V, 15A 125V, NEMA 5-15R

Plastic Lampholders

Catalog Number	RL8504	RL8506	RL8512	RL8516
Description	Keyless, white, 4 terminal screws	Keyless, white, 6 inch pigtails	Pull chain, white, 2 terminal screws	Pull chain, white, 6 inch pigtails
Rating	660W 600V	660W 600V	660W 250V	660W 250V

Incandescent Brass Lampholders

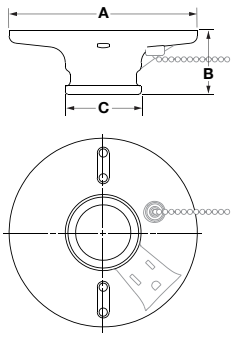
Catalog Number	RL101*	RL102*	RL105*	RL106*	RL100**
			Medium base socket, brass, ON/OFF		Medium base socket
Description	Turn knob, single	Turn knob, 3-way	Push through	Pull chain	Keyless, brass
Rating	250W 250V	250W 250V	660W 250V	660W 250V	660W 250V

*Note: *UL and cUL. **UL and CSA.*

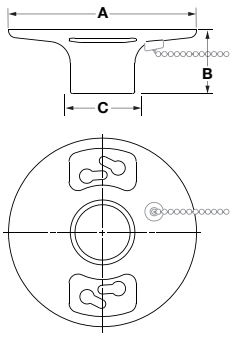
Product Dimensions Inches (mm)

Porcelain	RL8804	RL8806	RL8812	RL8816	RL8822
A	4.35" (110.5)	4.35" (110.5)	4.55" (115.6)	4.55" (115.6)	4.55" (115.6)
B	1.50" (38.1)	1.50" (38.1)	1.55" (39.4)	1.55" (39.4)	1.55" (39.4)
C	1.84" (46.7)	1.84" (46.7)	1.84" (46.7)	1.84" (46.7)	1.84" (46.7)

Plastic	RL8504	RL8506	RL8512	RL8516
A	4.55" (115.6)	4.55" (115.6)	4.55" (115.6)	4.55" (115.6)
B	1.55" (39.4)	1.55" (39.4)	1.55" (39.4)	1.55" (39.4)
C	1.57" (39.9)	1.57" (39.9)	1.57" (39.9)	1.57" (39.9)



Porcelain



Plastic

Specifications are subject to change without notice.

Lampholders, Starters and Adapters

Fluorescent Lampholders

Compact Fluorescent Lampholders

Catalog Number	RL479HSM	RL413HSI	RL413HSM	RL426G24	RL42G11HSM	RL42G11H9	RL42G11C
Description	G23 base	GX23 base	GX23 base	G24Q-3, GX24Q-4	2G11 base, 4 pin	2G11 base, 4 pin	Clip for 2G11 lampholders base
Lamp Type	5W, 7W, 9W	13W	13W	26-32W	18-55W	18-55W	
Rating	75W 600V	75W 600V	75W 600V	75W 600V	75W 600V	75W 600V	
Mounting	Horizontal, screw-down	Horizontal, snap-in	Horizontal, screw-down	Horizontal, screw-down	Horizontal, screw-down	Vertical 90°, snap-in	Adjustable, snap-in

High Output Fluorescent Lampholders

Catalog Number	RL305*	RL306*	RL307	RL308	RL356	RL357
Description	Plunger	Fixed	Plunger	Fixed	Plunger	Fixed
Lamp Type	Horizontal - Recessed double contact	Horizontal - Recessed double contact	Horizontal - Recessed double contact	Horizontal - Recessed double contact	Vertical - Power groove & jacketed lamps	Vertical - Power groove & jacketed lamps
Rating	660W 600V	660W 600V	660W 600V	660W 600V	660W 600V	660W 600V
Mounting	Pedestal, slide-on	Pedestal, slide-on	Slide-on, snap-in	Slide-on, snap-in	Slide-on, snap-in	Slide-on, snap-in

Medium Bi-Pin Fluorescent Lampholders - T8 and T12

Catalog Number	RL320	RL325	RL325B
Description	Disconnect, 4-wire	Disconnect, 4-wire	Shunted, 2-wire
Lamp Type	Bi-pin/tall profile	Bi-pin/low profile	Bi-pin/low profile
Rating	660W 600V	660W 600V	660W 600V
Mounting	Slide-on and snap-in with captive nut	Slide-on and snap-in with captive nut	Slide-on and snap-in

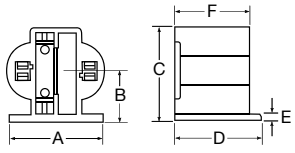
Slimline Type Fluorescent Lampholder

RL310*	RL311*
Plunger	Fixed
Single pin	Single pin
660W 600V	660W 600V
Slide-on and snap-in	Slide-on and snap-in

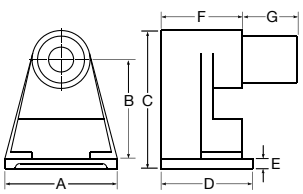
*Note: *UL and cUL.*

Product Dimensions Inches (mm)

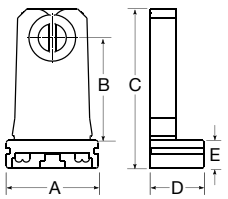
	RL479HSM	RL413HSI	RL413HSM	RL426G24	RL42G11HSM	RL42G11H9
A	1.28" (32.5)	0.77" (19.5)	1.28" (32.5)	1.31" (33.3)	1.83" (46.5)	1.32" (33.5)
B	0.69" (17.5)	0.69" (17.5)	0.69" (17.5)	1.13" (28.7)	0.83" (21.0)	1.14" (29.0)
C	1.28" (32.5)	1.28" (32.5)	1.28" (32.5)	1.54" (39.1)	—	1.92" (48.7)
D	1.28" (32.5)	1.35" (34.3)	1.16" (29.5)	—	0.94" (24.0)	—
E	0.09" (2.3)	—	0.09" (2.3)	0.16" (4.0)	—	0.16" (4.0)



	RL305	RL306	RL310	RL311
A	1.45" (36.8)	1.45" (36.8)	1.54" (39.1)	1.31" (33.3)
B	1.20" (30.5)	1.20" (30.5)	1.50" (38.1)	1.13" (28.7)
C	1.90" (48.3)	1.90" (48.3)	1.90" (48.3)	1.54" (39.1)
D	1.26" (32.0)	1.26" (32.0)	—	—
E	0.14" (3.6)	0.14" (3.6)	0.14" (3.6)	0.16" (4.1)
F	1.12" (28.4)	1.12" (28.4)	0.75" (19.1)	1.20" (30.5)
G	0.75" (19.1)	—	1.12" (28.4)	—



	RL320	RL325/B
A	1.23" (31.2)	1.23" (31.2)
B	1.75" (44.5)	1.28" (32.5)
C	2.14" (54.4)	1.65" (41.9)
D	—	0.70" (17.8)
E	0.38" (9.7)	0.37" (9.4)



Lampholders, Starters and Adapters

Incandescent Lampholders

HID Incandescent Lampholders, Porcelain Keyless

Catalog Number	RL4221*	RL5221	RL3742	3743R
Description	Mogul base	Mogul base	Medium base prefocus, porcelain, white	Medium base, thermoplastic, black
Lamp Type	E39 socket	EX39 socket	Bayonet socket	Bayonet HID socket
Rating	1500W 600V Max, 4KV or 5KV PULSE	1500W 600V Max, 5KV PULSE	1200W 250V	1000W 250V
Mounting	Screw mount, 12 inch leads	Screw mount, 12 inch leads	Screw mount	Screw mount

*Note: *UL Listed, CSA Certified.*

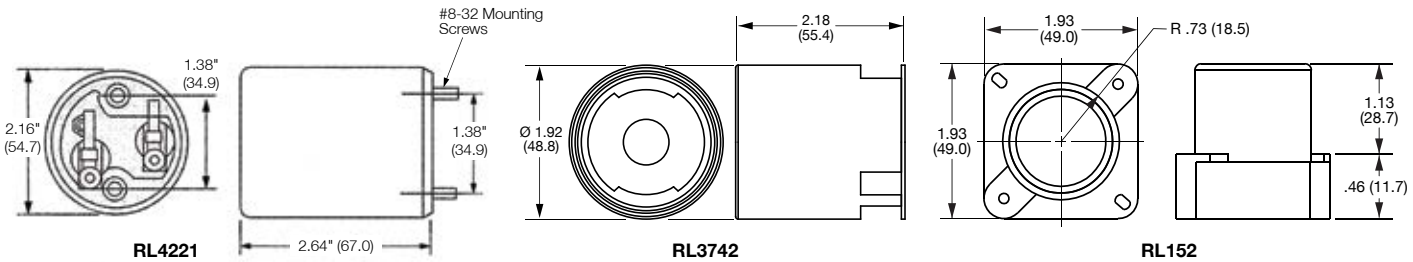
Straight Body, Porcelain Keyless

Catalog Number	RL162	RL156	RL157	RL160	RL158	RL159
Description	Medium base	Medium base	Medium base	Medium base	Medium base, low profile	Medium base, shallow base
Lamp Type	E26 socket	E26 socket	E26 socket	E26 socket	E26 socket	E26 socket
Rating	660W 250V	660W 250V	660W 250V	660W 250V	660W 250V	660W 250V
Mounting	Screw mount, screw terminals	Screw mount, 12 inch leads	NPSF1/8 hickey with terminals	NPSF1/8 hickey with 12 inch leads	Front panel mount, snap-in	Front panel mount, snap-in

Surface and Sign Mount, Medium Base

Catalog Number	RL152	RL153	RL161	RL163	RL164
Description	Medium base, porcelain, pony cleat	Medium Base, plastic, black, pony cleat	Medium base, porcelain	Medium base, porcelain	Medium base, porcelain
Lamp Type	E26 socket	E26 socket	E26 socket	E26 socket	E26 socket
Rating	660W 250V	660W 250V	660W 250V	660W,250V	660W 250V
Mounting	1 piece, surface mount	1 piece, surface mount	2 piece, surface mount	2 piece, sign mount with leads	2 piece, sign mount with terminals

Product Dimensions Inches (mm)



Specifications are subject to change without notice.

Incandescent Lampholders, Medium Base

Catalog Number	RL124*	RL124H	RL202
Description	Pigtail medium base socket with 6 inch leads, rubber with #18 gauge wire	Phenolic medium base socket with hook, insulation piercing termination	Medium lampholder to lampholder adapter, pull chain with two 2-prong outlets without ground
Rating	660W 250V	660W 250V	660W 125V 15A 125V

*Note: *cCSAus Certified only.*

Incandescent Adapters, Medium Base

Catalog Number	RL150	RL154	RL200	RL201
Description	Medium to medium base extension, screw-in, E26 to E26 socket	Mogul to medium base adapter, screw-in, E39 to E26 socket	Outlet adapter, 2-prong plug to medium lampholder	Medium lampholder adapter, medium lampholder to outlet without ground
Rating	250W 250V	660W 250V	15A 660W 125V, 15A 125V, NEMA 1-15R	15A 125V, NEMA 1-15R

Lamp Switches

Catalog Number	RL120	RL121	RL122	RL125
Description	Pull chain switch, 2 circuit, L1/L2/L1+L2/OFF	Pull chain switch, SPST ON/OFF	Pull chain switch, L1/L2/L3/OFF	Rotary switch, SPST ON/OFF
Rating	6A 125V AC, 3A 250V AC, 3A 125V "L"	6A 125V AC, 3A 250V AC, 3A 125V "L"	6A 125V AC, 3A 250V AC	6A 125V AC, 3A 250V AC, 3A 125V "L"

Note: 6 inch wire leads are #18 AWG AWM/TEW 105°C 600V.

Snap-in Receptacles

Catalog Number	RR374	RR374W
Description	Single receptacle, black	Single receptacle, white
Rating	15A 125V, 3-wire NEMA 5-15R	15A 125V, 3-wire NEMA 5-15R

- Accommodate panel thickness of .031 to .062 inch (0.7 to 1.5 mm)
- Panel cutout .95 x .95 inch (24.1 x 24.1 mm)
- #14 AWG 6 inch AWM/TEW FT1 105°C 600V on black and white leads
- #14 AWG 6 inch AWM/TEW FT1 600V on green lead

Fluorescent Starters, Standard Type

Catalog Number	**FS2A**	**FS4A**	**FS5A**	**FS25A**
Number of Pins	2	2	2	2
Lamp Watts	14, 15 and 20	13, 30 and 40	4, 6 and 8	25

Technical Information

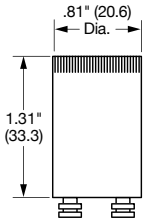
RL5221 HID Incandescent Lampholder

Specification	
Rating 1500W 600V Max, 5KV Pulse	
Mechanical	
Material	Glazed porcelain body with ceramic arc shield Screw shell: Brass with nickel plate
Terminal Accommodation	
Wire leads: #14 AWG SF-2 (SEW-2) 200°C, 600V glass braid, 12 inch long, stripped ½ inch wire. Mogul Base EX39 lampholder used with ANSI type "o" metal halide lamps, open-rated protected lamps, for use in open or enclosed luminaires. "EX" style exclusionary base designed specifically for operation with protected sockets.	

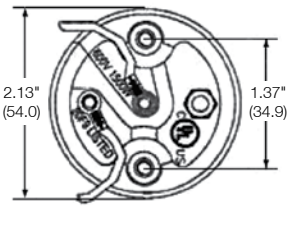
RL426G24 Compact Fluorescent Lampholder

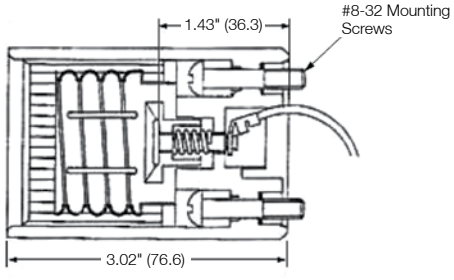
Specification	
Rating 26-32W lamp type, 75W 600V	
Mechanical	
Material	High Strength Polycarbonate
Terminal Accommodation	
Suitable as G24Q-3 or GX24Q4 type base, horizontal mount, screw down. Push-in wire terminals for #18 AWG solid or twist and tin stripped 7⁄16 inch wire. Maximum 6.5 inch lbs conductor insertion force. Wiring port accepts 2 wires for harness wiring.	

Product Dimensions Inches (mm)

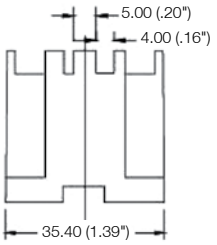


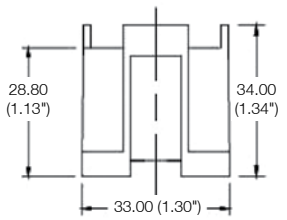
Fluorescent Starters

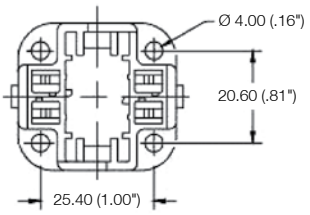




RL5221







RL426G24

Section O
Delivery Systems

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Floor Boxes for Structural Wood Floors

Wood floor boxes allow for the placement of electrical power or a combination of power and voice/data devices. Boxes easily mount into the floor and are height adjustable (up to ¾ inch) for optimal alignment and fit.

- Recessed receptacle minimizes plug protrusion, allows furniture to be located over the plug
- Pre-assembled flange and cover
- Removable neoprene gaskets
- Optional low voltage divider
- Height accessible adjustments after the box is mounted

Floor Boxes for Wood Floors

RF515BP TR | RF506BP TR | RF507BP | RF500 | RF151R TR | RF151TR TR | RF151DTR TR

Rating	Material	Finish	Decorator Duplex Receptacle, Floor Box Kit	Flange and Hinged Door Cover Assembly	Replacement Door Only	Adjustable Floor Box, Steel	Drop in Floor Box	Single Receptacle, Floor Box Rated	Duplex Receptacle, Display Rated
NEMA 5-15, 15A 125V	Solid Brass	Clear Lacquer	**RF515BR**	**RF506BR**	**RF507BR**	—	**RF151R**	**RF151TR**	**RF6500BR**
	Aluminum	Stainless Paint	**RF515SS**	**RF506SS**	**RF507SS**	—	—	—	—
	Aluminum	Almond Paint	**RF515AL**	**RF506AL**	**RF507AL**	—	—	—	—
	Aluminum	Black Paint	**RF515BK**	**RF506BK**	**RF507BK**	—	—	—	—
	Aluminum	Chestnut Brown	**RF515BN**	**RF506BN**	**RF507BN**	—	—	—	—
	Solid Brass	Brass Plate	**RF515BP**	**RF506BP**	**RF507BP**	—	—	—	—
	Aluminum	Chrome Plate	**RF515CH**	**RF506CH**	**RF507CH**	—	—	—	—
	Aluminum	Copper Plate	**RF515CU**	**RF506CU**	**RF507CU**	—	—	—	—
	Aluminum	Nickel Plate	**RF515NI**	**RF506NI**	**RF507NI**	—	—	—	—
	Steel	—	—	—	—	**RF500**	—	—	—
NEMA 5-20, 20A 125V	Solid Brass	Clear Lacquer	—	—	—	—	**RF201R**	—	—

Note: See page O-3 for dimensional art.

JLOAD® Multimedia Outlet (for use with RF500 and RF400 series)

RJ650BK TR | RJ65BK TR | RJ600

Rating	Color	JLOAD® Multimedia Outlet, Tamper-Resistant, Provides Power in a Single-Gang Box		JLOAD® Multimedia Box, Steel
		with Cat. 5e and Coaxial	with Two Open Ports	for Wall Mount Only
NEMA 5-15, 15A 125V	Almond	**RJ650ALTR**	**RJ65ALTR**	**RJ600**
	Black	**RJ650BKTR**	**RJ65BKTR**	
	Gray	**RJ650GYTR**	**RJ65GYTR**	
	Ivory	**RJ650ITR**	**RJ65ITR**	
	Light Almond	**RJ650LATR**	**RJ65LATR**	
	White	**RJ650WTR**	**RJ65WTR**	
NEMA 5-20, 20A 125V	Almond	**RJ620ALTR**	**RJ62ALTR**	**RJ600**
	Black	**RJ620BKTR**	**RJ62BKTR**	
	Gray	**RJ620GYTR**	**RJ62GYTR**	
	Ivory	**RJ620ITR**	**RJ62ITR**	
	Light Almond	**RJ620LATR**	**RJ62LATR**	
	White	**RJ620WTR**	**RJ62WTR**	

Note: See page R-6 for tamper-resistant description.

Specifications are subject to change without notice.

Floor Boxes for Structural Concrete Floors

Round non-metallic floor box offers an economical solution for electrical power or a combination of power and voice/data applications. Designed for slab-on-grade installation. Quick and easy installation is assured using a push in place leveling system.

- Recessed receptacle minimizes plug protrusion, allowing furniture to be located over the plug
- Pre-assembled flange, cover and leveling ring for quick installation
- Removable neoprene gaskets allow for independent use of either side of the receptacle with the cover closed
- Parallel PVC hubs for 1 inch and ¾ inch conduit

Floor Boxes For Concrete Floors

RF406BK

RF409BR

RF400

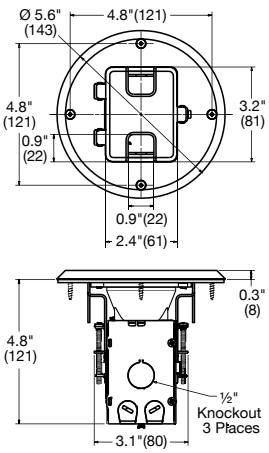
RF407BK

RF408

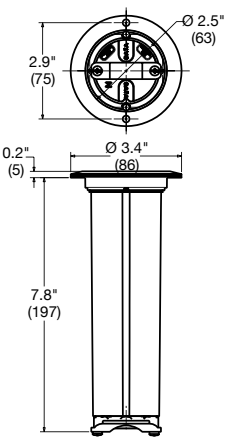
Rating	Material	Color/Finish	Flange and Hinged Door Cover Assembly	Tile Ring and Door Cover Assembly	Floor Box with Concrete Protective Cover	Replacement Door Only	Low Voltage Divider
NEMA 5-15, 15A 125V	Solid Brass	Clear Lacquer	**RF406BR**	**RF409BR**	—	**RF407BR**	—
	Thermoplastic	Almond	**RF406AL**	—	—	**RF407AL**	—
	Thermoplastic	Black	**RF406BK**	—	—	**RF407BK**	—
	Thermoplastic	Chestnut Brown	**RF406BN**	—	—	**RF407BN**	—
	Thermoplastic	Gray	**RF406GY**	—	—	**RF407GY**	**RF408**
	PVC	Gray	—	—	**RF400**	—	—

Product Dimensions Inches (mm)

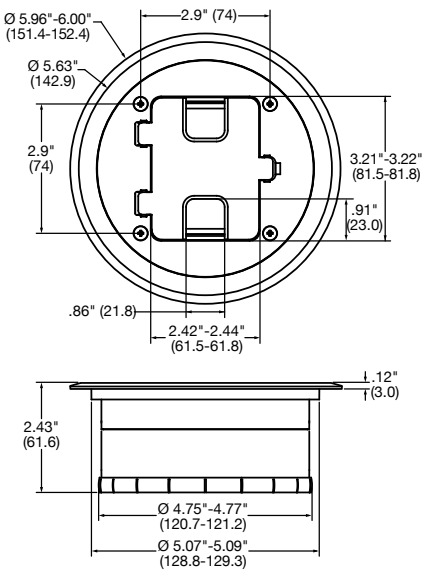
RF515



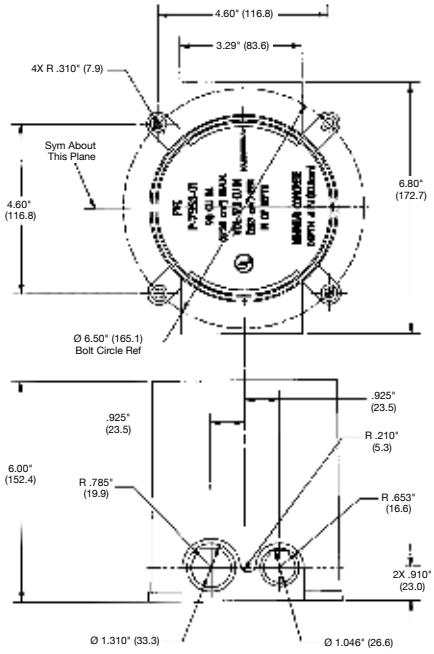
RF151R



RF406



RF400



Under Cabinet/Counter Power and Low Voltage Device Distribution

Under Cabinet/Counter Boxes provide a convenient, out-of-sight way to distribute power and voice/data. These boxes comply with the NEC® for kitchen receptacles, with placement not more than 20 inches above the counter surface. They can also be placed under counter islands, not lower than 15 inches from the surface.

- Use the new JLOAD® Multimedia Outlet, specifically designed to provide power, Category 5e and coaxial. Perfect for under cabinet TV, DVD and security systems. Enables multiple service in a small area.
- Instead of compromising the decorative look of a granite backsplash or designer tiling, hide receptacles beneath cabinets and counters
- Available with nylon or metal cover
- Custom configurable, accepts any decorator style device
- Mounting hardware included

Under Cabinet/Counter Power Distribution

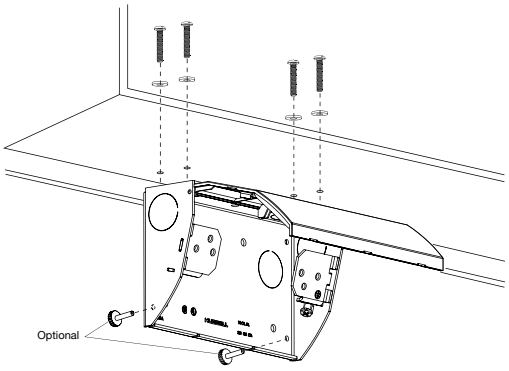
RU100W

RU200SS

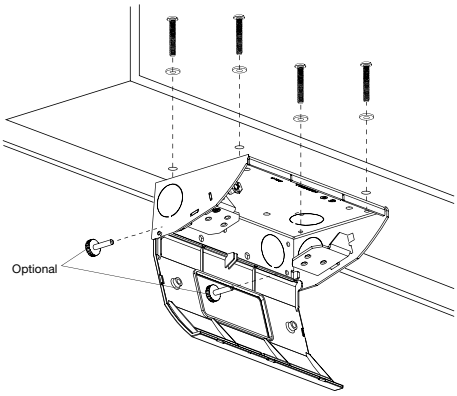
Material	Color	Slim fit box, offers the slimmest, sleekest, most stylish option for low profile, out-of-sight mounting, devices sold separately	GFCI fit box, designed for GFCI or JLOAD® accommodation where internal wiring space is needed, devices sold separately
Stainless Steel	—	**RU100SS**	**RU200SS**
Metal	White	**RU100W**	**RU200W**
Nylon	White	**RU170W***	**RU270W***

*Note: *Steel box with nylon cover.*

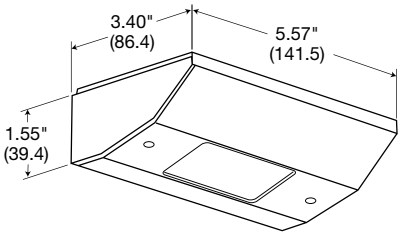
Vertical Mount



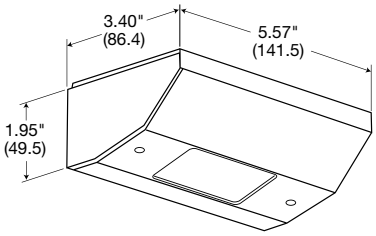
Horizontal Mount



Product Dimensions Inches (mm)



RU100W



RU200SS

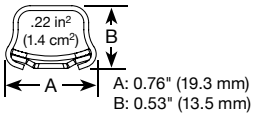
NEC® is a registered trademark of the National Fire Protection Association (NFPA).

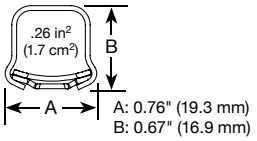
Delivery Systems

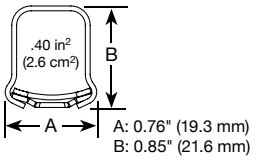
HBL500, HBL700 and HBL750 Series Metal Raceway

Color	HBL500	HBL700	HBL750
	Base and Cover, 10 Ft.		
Ivory	**HBL50010IV**	**HBL700IV**	**HBL75010IV**
White	**HBL50010W**	**HBL700W**	**HBL75010W**
	Base and Cover, 5 Ft.		
Ivory	**HBL5005IV**	**–**	**HBL7505IV**
White	**–**	**–**	**–**

Note: See page O-9 for plates and communication frames.







HBL500, HBL700 and HBL750 Series Fittings

Raceway Fittings	Color	Internal Elbow	External Elbow	90° Flat Elbow	45° Flat Elbow
HBL500	Ivory	**HBL517IV**	**HBL518IV**	**HBL511IV**	**HBL512IV**
	White	**HBL517W**	**HBL518W**	**HBL511W**	**–**
HBL700 & HBL750	Ivory	**HBL717IVA**	**HBL718IVA**	**HBL711IVA**	**HBL712IVA**
	White	**HBL717WA**	**HBL718WA**	**HBL711WA**	**–**

Raceway Fittings	Color	Flat Elbow 1½" Bend Radius
HBL500, HBL700 & HBL750	Ivory	**HBL5711BRIVA**
	White	**–**

Raceway Fittings	Color	Internal Twisted Elbows For Double Turns at Right Angles: Right Elbow	Internal Twisted Elbows For Double Turns at Right Angles: Left Elbow	Internal Elbow 1½" Bend Radius	External Elbow 1½" Bend Radius	Tee Fitting	Tee Fitting 1½" Bend Radius
HBL500, HBL700 & HBL750	Ivory	**HBL5711RHIVA**	**HBL5711LHIVA**	**HBL5717BRIVA**	**HBL5718BRIVA**	**HBL5715IVA**	**HBL5715BRIVA**
	White	**HBL5711RHWA**	**HBL5711LHWA**	**–**	**–**	**HBL5715WA**	**–**

Raceway Fittings	Color	Elbow Box Connector Right Angles to Boxes with ½" KO	Elbow Conduit Connector Right Angles to ½" Conduit	Combination ½" Connector No Offsetting Needed to 3¼" or 4" Box	Adjustable Offset Connector with Two ½" KOs	Entrance Connector ¾" KO and ¾" Chase Nipple	Corner Box, for Connecting HBL500 or HBL750 Raceway from Ceiling or Corner
HBL500, HBL700 & HBL750	Ivory	**HBL5783IVA**	**HBL5784IVA**	**HBL5785AIVA**	**HBL5786IVA**	**HBL5786AIVA**	**HBL5719IVA**
	White	**–**	**–**	**HBL5785AWA**	**HBL5786WA**	**HBL5786AWA**	**HBL5719WA**

Raceway Fittings	Color	Transition Fitting* Wiremold® to Bryant	Mounting Strap	Connection Cover	Bushing, Zinc Plated Steel
HBL500	Ivory	**HBL500TFIV**	**HBL504IV**	**HBL506IV**	**HBL502B**
	White	**–**	**HBL504W**	**HBL506W**	
HBL700	Ivory	**HBL700TFIV**	**HBL7004IV**	**HBL7006IV**	**HBL7002B**
	White	**–**	**HBL7004W**	**HBL7006W**	
HBL750	Ivory	**HBL750TFIV**	**HBL7504IV**	**HBL7506IV**	**HBL7502B**
	White	**–**	**HBL7504W**	**HBL7506W**	

Raceway Fittings	Color	Flexible Section 18" Long	Support Clip	Coupling, Galvanized Steel
HBL500, HBL700 & HBL750	Ivory	**HBL5700FIVA**	**HBL5703IV**	**HBL5701C**
	White	**HBL5700FWA**	**HBL5703W**	

*Note: *For transitioning from either Wiremold® V500 to Bryant HBL500 Raceway or Wiremold® V700 to Bryant HBL700 or HBL750 Raceway.*

Wiremold® is a registered trademark of The Wiremold Company.

HBL500, HBL700 and HBL750 Series Metal Raceway

HBL500, HBL700 and HBL750 Series Device Boxes[1]

Standard Device Box, 1¾" Deep

Color	1-Gang	2-Gang	3-Gang	4-Gang	5-Gang	6-Gang
Ivory	**HBL5748IVA**	**HBL57482IVA**	**HBL57483IVA**	**HBL57484IVA**	**HBL57485IVA**	**HBL57486IVA**
White	**HBL5748WA**	**HBL57482WA**	**HBL57483WA**	–	–	–

Shallow Device Box, 1⅜" Deep

Color	1-Gang	2-Gang	3-Gang
Ivory	**HBL5747IVA**	**HBL57472IVA**	**HBL57473IVA**
White	**HBL5747WA**	**HBL57472WA**	–

Deep Device Box, 2¼" Deep

1-Gang	2-Gang	3-Gang
HBL5744SIVA	**HBL5744S2IVA**	**HBL5744S3IVA**
HBL5744SWA	**HBL5744S2WA**	–

Extra Deep Device Box, 2¾" Deep

Color	1-Gang	2-Gang	3-Gang
Ivory	**HBL5744IVA**	**HBL57442IVA**	**HBL57443IVA**
White	**HBL5744WA**	**HBL57442WA**	–

Extension Box Open Base, 1⅜" Deep

1-Gang	2-Gang	3-Gang
HBL5751IVA	**HBL57512IVA**	**HBL57513IVA**
HBL5751WA	–	–

Extension Box, 1¾" Deep

1-Gang
HBL5751AIVA
HBL5751AWA

HBL500, HBL700 and HBL750 Series Round Extension and Fixture Boxes[1]

Round Extension Box, Open Base

Color	4¾" Dia.	5½" Dia.	6⅜" Dia.
Ivory	**HBL5737IVA**	**HBL5737AIVA**	**HBL5739AIVA**
White	**HBL5737WA**	**HBL5737AWA**	–

Round Fixture Box, Solid Base

4¾" Dia.	5½" Dia.	6⅜" Dia.
HBL5738IVA	**HBL5738AIVA**	**HBL5739IVA**
HBL5738WA	**HBL5738AWA**	**HBL5739WA**

Blank Cover[3]

½" Trade KO in Center
HBL5736IV
HBL5736W

Color	Fanbox, Fans Up to 50 lbs.
Ivory	**HBL5738AFIVA**
White	**HBL5738AFWA**

Round Fixture Box, for Audible Alarms

HBL5739AABIVA
HBL5739AABWA

Outlet Box 3" Dia.

HBL5733IVA
–

Blank Cover, for Use with HBL5733IV

HBL5731IV
–

HBL500, HBL700 and HBL750 Series Specialty Boxes[1]

Color	Device Box, Low-Profile 1⅛" Deep	Device Box, ½" side KOs 1¾" Deep
Ivory	**HBL5748SIVA**	**HBL5745IVA**
White	**HBL5748SWA**	**HBL5745WA**

Blank Extension Box, Open Base

HBL5760IVA
–

Utility Box, ½" KO

HBL57242IVA
HBL57242WA

Color	Alarm Device Box, 1⅜" Deep	Alarm Device Box, Extra Deep 2¾"
Ivory	**HBL5752IVA**	**HBL5753IVA**
Red	**HBL5752RA**	**HBL5753RA**

Distribution Box, Mounting Screw Centers of 2¾", 3½", 4⅛"

HBL5735IVA
–

HBL500, HBL700 and HBL750 Series Fittings

Raceway Fittings	Box Connector ½" Male	Box Connector ¾" Male	Conduit Connector ½" Female	Conduit Connector ¾" Female	Grounding Clamp, for ½" Conduit	Special Nipple[2] for ½" Trade Size KOs	Armored Cable Connector	Ground Clamp	EMT ½" Connector[4]
HBL500, HBL700 & HBL750	**HBL5781**	**HBL5781A**	**HBL5782C**	**HBL5782A**	**HBL5709GC**	**HBL5780**	**HBL5790B**	**HBL5709**	**HBL5791**

HBL500, HBL700 and HBL750 Series Tools[2]

Raceway Tools	Cutter
HBL500	**HBL605CUT**
HBL700	**HBL700CUT**
HBL750	**HBL607CUT**

Replacement Blade

HBL605K
HBL700K
HBL607K

Bender

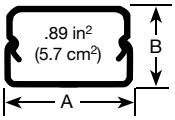
HBL600B

Touch-Up Pen, Ivory and White

HBLIWEP
HBLWWEP

Note: [1] *Almond devices and plates match Ivory metal raceway.*
[2] *Not UL Listed or CSA Certified.*
[3] *For use with HBL5735IVA, HBL5737IVA, HBL5737AIVA, HBL5739AIVA, HBL5738IVA, HBL5738AIVA and HBL5739IVA.*
[4] *Use catalog number HBL5791 for connecting ½" EMT to all HBL5700 Series round and rectangular boxes having a ½" trade size KO.*

HBL2000 Series Metal Raceway



A: 1.31" (33.3 mm)
B: 0.83" (21.1 mm)

Color	Base and Cover*, 5 Ft.	Cover*, 5 Ft.	Base, 5 Ft.
Ivory	**HBL2000BCIV**	**HBL2000CIV**	**HBL2000B5IV**
Gray	**HBL2000BCGY**	**HBL2000CGY**	**HBL2000B5GY**

*Note: *Cover is .025" thick for up to 300V AC applications.*

HBL2000 Series Metal Raceway Fittings[1]

Color	90° Flat Elbow	90° Flat Elbow, 1½" Bend Radius	Tee Fitting	Tee Fitting, 1½" Bend Radius	External Elbow Coupling	External Elbow, 1½" Bend Radius	Internal Elbow, 1½" Bend Radius
Ivory	**HBL2011IV**	**HBL2011BRIV**	**HBL2015IV**	**HBL2015BRIV**	**HBL2018CIV**	**HBL2018BRIV**	**HBL2017BRIV**
Gray	**HBL2011GY**	**HBL2011BRGY**	**HBL2015GY**	**HBL2015BRGY**	**HBL2018CGY**	**HBL2018BRGY**	**HBL2017BRGY**

Color	Blank End Fitting	Entrance End Fitting, ½" KOs	Entrance End Fitting, Large Capacity, ½" and ¾" KOs	Cover Clip, to Hide Seams in Cover	Flush Plate Adaptor	Transition Fitting, Wiremold® to Bryant
Ivory	**HBL2010BIV**	**HBL2010A2IV**	**HBL2010A3IV**	**HBL2006IV**	**HBL2051HIV**	**HBL2000TFIV**
Gray	**HBL2010BGY**	**HBL2010A2GY**	**HBL2010A3GY**	**HBL2006GY**	**HBL2051HGY**	**HBL2000TFGY**

Color	Side Reducing Connector to HBL500	End Reducing Connector to HBL500	Coupling, Galvanized Steel	Internal Corner Coupling, Galvanized Steel	Wire Clip, Galvanized Steel	Support Clip, Galvanized Steel, Temporary Use Only	Ground Clamp, Galvanized Steel
Ivory	**HBL2089IV**	**HBL2089EIV**	**HBL2001C**	**HBL2017TC**	**HBL2000WCA**	**HBL2003SC**	**HBL2009GC**
Gray	—	—					

HBL2000 Series Device Boxes[1]

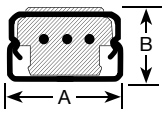
Color	Device Box 1-Gang, 1¾" Deep	Device Box 2-Gang, 1¾" Deep
Ivory	**HBL2048IV**	**HBL20482IV**
Gray	**HBL2048GY**	**HBL20482GY**

HBL2000 Series Tools[2]

Raceway Tools	Raceway Cutter	Cutter Replacement Blade Set	Touch-Up Paint Pen, Ivory and Gray
HBL2000	**HBL620C**	**HBL620BCK**	**HBLIWEP** **HBLGWEP**

Note: [1] *Almond devices and plates match ivory metal raceway.*
[2] *Not UL Listed or CSA Certified.*

Wiremold® is a registered trademark of The Wiremold Company.



A: 1.31" (33.3 mm)
B: 0.92" (23.4 mm)

Metal PlugTrak®

Circuits	Size	Amps	No. of Single Receptacles	No. of USB Ports	Receptacle Spacing (in.)	Catalog Number Ivory	Catalog Number Gray
Single	3 ft.	15A	6	—	6	**HBL20GB306IV**	**HBL20GB306GY**
TR/Single	3 ft.	15A	6 TR	—	6	**HBL20GB306IVTR**	**HBL20GB306GYTR**
IG/Single	3 ft.	15A	6	—	6	**HBL20IG306IV**	**HBL20IG306GY**
USB/Single	3 ft.	15A	2	2	12	**HBL20GB312UIV**	**—**
Single	3 ft.	20A	6	—	6	**HBL24GB306IV**	**HBL24GB306GY**
TR/Single	3 ft.	20A	6 TR	—	6	**HBL24GB306IVTR**	**HBL24GB306GYTR**
Single	5 ft.	15A	10	—	6	**HBL20GB506IV**	**HBL20GB506GY**
IG/Single	5 ft.	15A	10	—	6	**HBL20IG506IV**	**HBL20IG506GY**
Single	5 ft.	15A	5	—	12	**HBL20GB512IV**	**HBL20GB512GY**
TR/Single	5 ft.	15A	5 TR	—	12	**HBL20GB512IVTR**	**HBL20GB512GYTR**
Two	5 ft.	15A	5	—	12	**HBL20GBA512IV**	**HBL20GBA512GY**
IG/Single	5 ft.	15A	5	—	12	**HBL20IG512IV**	**HBL20IG512GY**
Single	5 ft.	20A	10	—	6	**HBL24GB506IV**	**HBL24GB506GY**
Single	5 ft.	20A	5	—	12	**HBL24GB512IV**	**HBL24GB512GY**
TR/Single	5 ft.	20A	5 TR	—	12	**HBL24GB512IVTR**	**HBL24GB512GYTR**
Two	5 ft.	20A	5	—	12	**HBL24GBA512IV**	**HBL24GBA512GY**
Single	6 ft.	15A	12	—	6	**HBL20GB606IV**	**HBL20GB606GY**
Single	6 ft.	15A	8	—	9	**HBL20GB609IV**	**HBL20GB609GY**
Single	6 ft.	15A	6	—	12	**HBL20GB612IV**	**HBL20GB612GY**
Single	6 ft.	15A	4	—	18	**HBL20GB618IV**	**HBL20GB618GY**
IG/Single	6 ft.	15A	12	—	6	**HBL20IG606IV**	**HBL20IG606GY**
USB/Single	6 ft.	15A	4	4	12	**HBL20GB612UIV**	**—**
Two	6 ft.	15A	8	—	9	**HBL20GBA609IV**	**HBL20GBA609GY**
Two	6 ft.	15A	6	—	12	**HBL20GBA612IV**	**HBL20GBA612GY**
Two	6 ft.	15A	4	—	18	**HBL20GBA618IV**	**HBL20GBA618GY**
Single	6 ft.	20A	12	—	6	**HBL24GB606IV**	**HBL24GB606GY**
Single	6 ft.	20A	6	—	12	**HBL24GB612IV**	**HBL24GB612GY**
Single	6 ft.	20A	4	—	18	**HBL24GB618IV**	**HBL24GB618GY**
Two	6 ft.	20A	6	—	12	**HBL24GBA612IV**	**HBL24GBA612GY**
Two	6 ft.	20A	4	—	18	**HBL24GBA618IV**	**HBL24GBA618GY**

Metal PlugTrak® Boxes and Fittings

HBL2048IV

HBL2011IV

HBL2010A2IV

HBL2003SC

HBL2001C

HBL2017TC

Description	Catalog Number
1-Gang device box	**HBL2048IV***
2-Gang device box	**HBL20482IV***
External elbow	**HBL2018CIV***
Flat elbow	**HBL2011IV***
Tee	**HBL2015IV***

Description	Catalog Number
Cover clip	**HBL2006IV***
Blank end fitting	**HBL2010BIV***
Entrance end fitting	**HBL2010A2IV***
Large entrance end fitting	**HBL2010A3IV***

Description	Catalog Number
Supporting clip	**HBL2003SC****
Coupling	**HBL2001C****
Internal corner coupling	**HBL2017TC****

*Note: **Galvanized Steel.*

*Note: *Color shown is Ivory, for gray boxes and fittings, replace suffix IV with GY.*
Almond devices and plates match ivory metal raceway.
Bryant Metal PlugTrak is supplied with two HBL2010B(IV) or (GY) Blank End Fittings and one HBL2001C.
Outlets match raceway color. "IG" isolated ground receptacles have an inked orange triangle.
See page R-6 for tamper-resistant description.

Metal PlugTrak® is a registered trademark of Hubbell incorporated.

Delivery Systems

Painted Metal Plates and Thermoplastic Communication Frames

Painted Metal Plates[1] Inches (mm)

Color	Gang	Switch	Duplex	Rectangular	Blank: Box Mount	Blank: Strap Mount	Single Receptacle, 1.40" (35.6) Dia. Hole
Almond	1	**SP1AL**	**SP8AL**	**PHPS1AL**	**SP14BAL**	**SP14AL**	**SP7AL**
	2	**SP2AL**	**SP82AL**	**PHPS2AL**	**SP24BAL**	**SP24AL**	—
	3	**SP3AL**	**SP83AL**	**PHPS3AL**	**SP34BAL**	**SP34AL**	—
	4	**SP4AL**	—	**PHPS4AL**	—	—	—
	5	**SP5AL**	—	**PHPS5AL**	—	—	—
	6	**SP6AL**	—	**PHPS6AL**	—	—	—
Gray	1	**SP1G**	**SP8G**	**PHPS1G**	**SP14BG**	**SP14G**	**SP7G**
	2	**SP2G**	**SP82G**	**PHPS2G**	**SP24BG**	**SP24G**	—

Painted Metal Combination Plates[1]

Color	Gang	1-Toggle, 1-Duplex	1-Toggle, 1-Decorator	Gang	2-Toggle, 1-Duplex	2-Toggle, 1-Decorator
Almond	2	**SP18AL**	**PJS126AL**	3	**SP28AL**	—
Gray	2	**SP18G**	**PJS126G**	3	**SP28G**	**PJS226G**

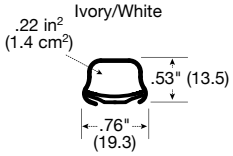
Thermoplastic Communication Frames[1] Inches (mm)

Color	Gang	2-Port Decorator Frame	3-Port Decorator Frame	4-Port Decorator Frame	6-Port Decorator Frame	Decorator, .41" (10.3) Dia. Hole	Decorator, Blank
Almond	1	**NS612AL**	**NS613AL**	**NS614AL**	**NS616AL**	**NS621AL**	**NS620AL**
Gray	1	**NS612GY**	**NS613GY**	**NS614GY**	**NS616GY**	—	**NS620GY**

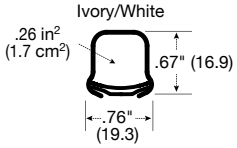
Note: [1] Almond devices and plates match ivory metal raceway.
Bryant's Audio/Video Connectors allow custom creation of multimedia outlets and workstations while maintaining a decorative look.
See Network Wiring Section Q for more information.

Metal Raceway Profiles Quick Reference Guide Inches (mm)

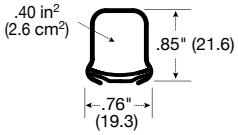
HBL500
Ivory/White



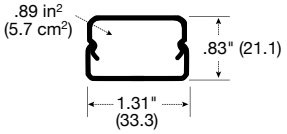
HBL700
Ivory/White



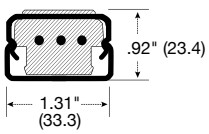
HBL750
Ivory/White



HBL2000
Ivory/Gray



Metal PlugTrak®
Ivory/Gray



Metal Raceway Series Wire Fill Capacities

		Power (THHN/T90 Nylon)			Voice		Data (Copper Cables)					Data (Multimode Fiber Optic Cables)		
		#14 AWG	#12 AWG	#10 AWG	4-Pair	25-Pair	Type RG59U	Cat. 5e	Cat. 6	Cat. 6A	Cat. 6 STP	(2) or (4) Fiber Round Cable	Fiber Optic Jumpers	Fiber Optic Zip Cord
Wire O.D. (inches)		0.111	0.13	0.164	0.19	0.41	0.242	0.21	0.25	0.35	0.29	0.19	0.118	0.12 x 0.24
Wire Area (square in.)		0.0097	0.0133	0.0211	0.0283	0.1320	0.0460	0.0346	0.0491	0.0962	0.0660	0.0283	0.0109	0.0288
Channel Area Square inches (cm²)		40% Wire Fill Capacity												
HBL500	0.22 (1.4)	7	5	3	2	0	1	2	1	1	1	2	8	2
HBL700	0.26 (1.7)	10	7	4	3	0	2	3	2	1	1	3	8	3
HBL750	0.40 (2.6)	12	9	5	6	1	3	5	3	2	2	6	15	6
HBL2000	0.89 (5.7)	7	7	0	13	3	8	10	7	4	5	13	33	12

Note: Pathway (Raceway) fill shall be 40% maximum. Raceway fittings and outlets/receptacles reduce the cross section of the raceway system, thus reducing overall cable fill capacity.

Metal PlugTrak® Specifications

Receptacle configuration	NEMA 5-15R
Wire size	#12 AWG stranded copper
Receptacle face	Thermoplastic
Receptacle rating	15A 125V
Material	Steel

Codes/Standards

TIA/EIA	569B Commercial Building Standard for Telecommunications Pathways and Spaces
UL Standard	UL 5 Surface Metal Raceway and Fittings
UL File Number	E253976 / E253830 / E253833
CSA Standard Surface Metal	C22.2 No. 62 Surface Raceway Systems

Metal PlugTrak® is a registered trademark of Hubbell incorporated.

Aluminum Series Offering

Bryant offers a line of gray, ivory and clear anodized aluminum service poles. These attractive and durable poles effectively distribute power and telecommunications wiring from above the ceiling to workstations below. They are offered in lengths of 10.2', 12.2', and 15.2' with a variety of electrical wiring devices. Poles with three service capability have a divider to separate power and low voltage wiring.

A blank pole with knockouts is also offered which does not have devices or wiring. In addition to a standard pole, which has two 20 amp duplex receptacles, an isolated ground or surge suppression version is also available. All poles, except the blank versions, are factory wired with Bryant Decorator Receptacles. Two decorator knockouts are also provided on the same side as the power receptacles for communication outlets.

BRYPP10AI

BRYPP10IGA

BRYPP10SAI

BRYATB

BRYPPTRIM1

Ordering Information Feet (m)

Aluminum service poles, gray or ivory painted and clear anodized aluminum, decorator duplex receptacles and two decorator knockouts for communications, includes ceiling trim mounting plate and scuff boot.

Description	Height	Catalog Number Gray	Ivory	Clear Anodized Aluminum
Three service, two 20A 125V decorator duplex receptacles, one circuit	10.2' (3.10)	**BRYPP10A**	**BRYPP10AI**	**BRYPP10AAL**
	12.2' (3.71)	**BRYPP12A**	**BRYPP12AI**	**BRYPP12AAL**
	15.2' (4.62)	**BRYPP15A**	**BRYPP15AI**	**BRYPP15AAL**
Three service, one orange isolated ground 20A 125V decorator duplex receptacle, one 20A 125V decorator duplex receptacle, two circuits	10.2' (3.10)	**BRYPP10IGA**	**BRYPP10IGAI**	—
Three service, two orange isolated ground 20A 125V decorator duplex receptacles, one isolated ground surge suppression 20A 125V duplex receptacle, one circuit	10.2' (3.10)	**BRYPP10SA**	**BRYPP10SAI**	—
Three service, blank pole, divider, four decorator device knockouts	10.2' (3.10)	**BRYPPOA**	**BRYPPOAI**	**BRYPPOAAL**
	12.2' (3.71)	**BRYPPO12A**	**BRYPPO12AI**	**BRYPPO12AAL**
	15.2' (4.62)	**BRYPPO15A**	**BRYPPO15AI**	**BRYPPO15AAL**
Adjustable T-bar assembly for mounting poles in the middle of ceiling tile		**BRYATB**	**BRYATB**	**BRYATB**
Replacement service pole trim kit (office white)		**BRYPPTRIM1**	**BRYPPTRIM1**	**BRYPPTRIM1**

Note: See Network Wiring Section Q for additional information on datacom products.

Specifications Inches (mm)

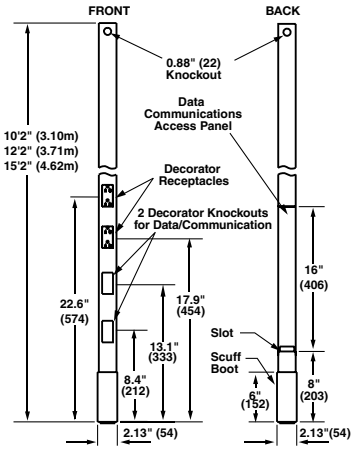
Material: Extruded aluminum, 0.05" (1.27mm) thick
Finish: Gray, ivory or clear anodized aluminum
Conductors: #12 AWG stranded copper

Receptacles: (see drawings below)
Listing: UL Listed

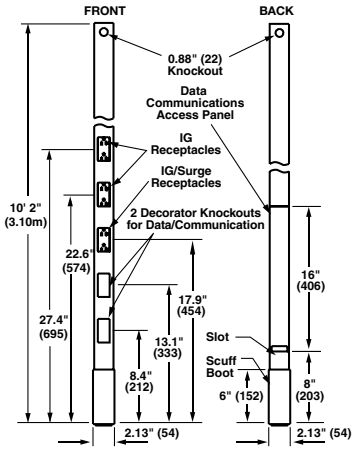
Wiring Capacity (@40% fill)	Voice Data Channel* Cat. 5e	Cat. 6	Cat. 6A	Power Channel**
BRYPP10A, BRYPP12A, BRYPP15A: BRYPP10IGA	26	11	9	41
BRYPP10SA, BRYPP10SAI	8	6	3	41
BRYPPOA, BRYPPO12A, BRYPPO15A (with barrier)	26	11	9	41

*Note: *Pole wiring capacity (telephone fill): Cat. 5 UTP (1.96 sq. ft.).*
***#12 THHN stranded.*

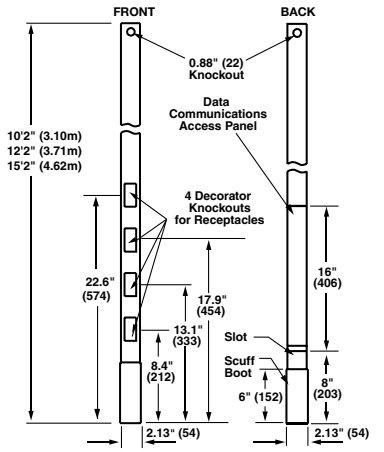
Product Dimensions Inches (mm)



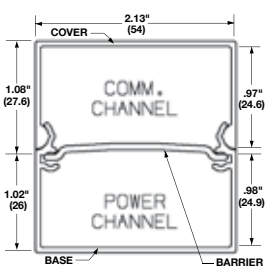
BRYPP10A, BRYPP12A, BRYPP15A



BRYPP10SA



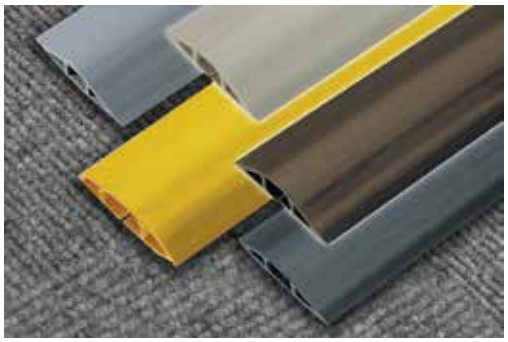
BRYPPOA, BRYPPO12A, BRYPPO15A



Service Pole Cross Section

Delivery Systems

FloorTrak® Floor Cable Covers



FloorTrak® is a flexible, non-metallic cover for cables that run over the floor when portable cords and cables cannot be concealed or routed away from traffic patterns. FloorTrak protects, organizes and reduces trip hazards.

- Four different sizes mean it will handle cables of up to 1.25 inches (31.8mm) in diameter
- FT2, FT3 and FT4 are available in five PVC colors to blend with various decors
- FT10 is available in black and yellow colors only
- The F10 Heavy Duty FloorTrak is ideal for applications such as industrial work areas, food processing plants and abusive areas where cable management is necessary

FloorTrak® 2 Feet (m)

Color	Length	Catalog Number
Black	10.0' (3.05)	**BRYFT2BK10**
Brown	10.0' (3.05)	**BRYFT2BR10**
Beige	10.0' (3.05)	**BRYFT2BG10**
Gray	10.0' (3.05)	**BRYFT2GY10**
Yellow	10.0' (3.05)	**BRYFT2Y10**

FloorTrak® 3 Feet (m)

Color	Length	Catalog Number
Black	5.0' (1.52)	**BRYFT3BK5**
Black	25.0' (7.62)	**BRYFT3BK25**
Brown	5.0' (1.52)	**BRYFT3BR5**
Brown	25.0' (7.62)	**BRYFT3BR25**
Beige	5.0' (1.52)	**BRYFT3BG5**
Beige	25.0' (7.62)	**BRYFT3BG25**
Gray	5.0' (1.52)	**BRYFT3GY5**
Gray	25.0' (7.62)	**BRYFT3GY25**
Yellow	5.0' (1.52)	**BRYFT3Y5**
Yellow	25.0' (7.62)	**BRYFT3Y25**

FloorTrak® 4 Feet (m)

Color	Length	Catalog Number
Black	5.0' (1.52)	**BRYFT4BK5**
Black	25.0' (7.62)	**BRYFT4BK25**
Gray	25.0' (7.62)	**BRYFT4GY25**
Yellow	5.0' (1.52)	**BRYFT4Y5**
Yellow	25.0' (7.62)	**BRYFT4Y25**

FloorTrak® 10 (Heavy Duty) Feet (m)

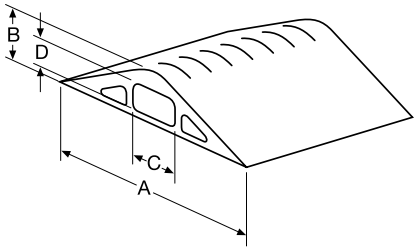
Color	Length	Catalog Number
Black	3.0' (.914)	**BRYFT10BK3**
Black	5.0' (1.52)	**BRYFT10BK5**
Yellow	3.0' (.914)	**BRYFT10Y3**
Yellow	5.0' (1.52)	**BRYFT10Y5**

Accessories

Description	Catalog Number
1.0" wide, 75 ft. roll double-sided adhesive tape	**BRYFTT1**
2.0" wide, 75 ft. roll double-sided adhesive tape	**BRYFTT2**

Product Dimensions Inches (mm)

FloorTrak®	FT2	FT3	FT4	FT10 (Heavy Duty)
Width (A)	2.75" (69.9)	3.00" (76.2)	3.25" (82.6)	5.60" (142.2)
Height (B)	0.53" (13.5)	0.75" (19.1)	1.10" (27.9)	1.70" (43.2)
Center Hole (CxD)	0.60" x 0.31" (15.2 x 7.9)	0.75" x 0.50" (19.1 x 12.7)	1.21" x 0.75" (30.7 x 19.1)	1.81" x 1.25" (45.98 x 31.75)



Specifications

Material	Rigid PVC
Operating temperature	0°F to +120°F (-18°C to +49°C)

Section P
Wallplates and Covers

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Nylon Wallplates

Bryant wallplates feature larger standard sized wallplates to provide extra coverage to hide rough box opening, improved aesthetics, greater strength, impact resistance, along with excellent cleanability in all different types of environments.

- Standard size is ⅛ inch larger to give you extra coverage to hide rough box openings. Also available in mid-size and pre-marked.
- Curved corners for improved aesthetics, for use in any application.
- Captive screw feature holds mounting screw in place for quick and easy installation.
- High-impact, self-extinguishing nylon material, which is virtually unbreakable.
- Smooth, easy to clean finish is highly resistant to solvents and cleaning solutions, providing long life in the harshest environments.

Bryant's standard sized wallplates are ⅛ inch larger to provide you that extra coverage to hide rough box openings. The depth is ¼ inch so that it will comfortably fit over the device even on imperfect installations or on retrofit work.

Nylon Wallplates

Almond | Black | Brown | Gray | Ivory | Light Almond | Office White | White

Nylon Pre-Marked Wallplates

Blue | Ivory | Orange | Red

Metal Wallplates

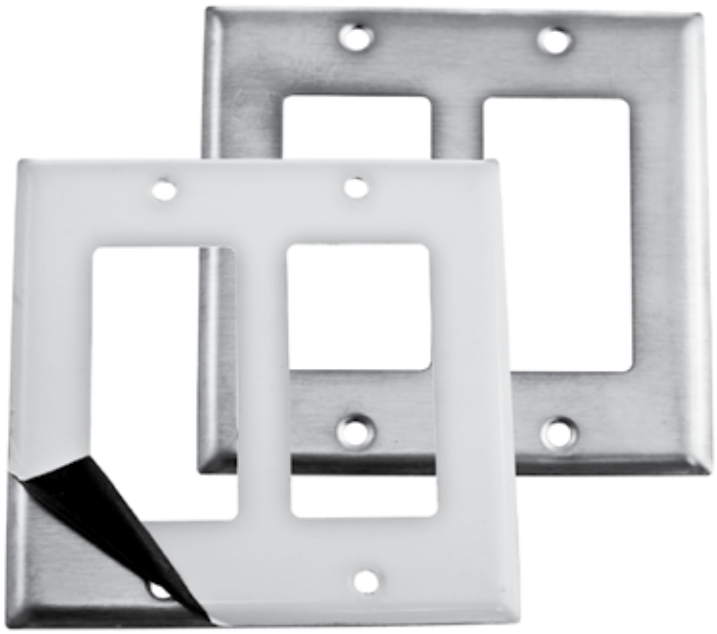
Aluminum | Brass | Brass Plated | Chrome | Stainless Steel

Pre-Marked

Stainless Steel

Specifications are subject to change without notice.

Metal Wallplates and Extra Duty Metallic While-In-Use Covers



Note: All metal wallplates (except brass) are packaged with a white protective film, which protects the wallplate during installation and is easily peeled off.

Stainless Steel

Provide solutions for a variety of industrial and commercial applications.

- Environments subjected to heavy abuse.
- The 302/304 type stainless steel wallplates are ideal for highly corrosive environments such as food processing, hospitals, static free requirements and more.
  Non-magnetic: 18.0% Chromium
  8.0% Nickel
- The 430 type stainless steel wallplates are aesthetically identical to the 302/304 type stainless steel wallplates and are best suited for environments where corrosion resistance is less critical.
  Magnetic: 17.0% Chromium
  Less than 0.5% Nickel

Smooth Solid Brass

- Provides a plush appearance with the durability of metal.
- Finish is lacquer coated to inhibit oxidation.

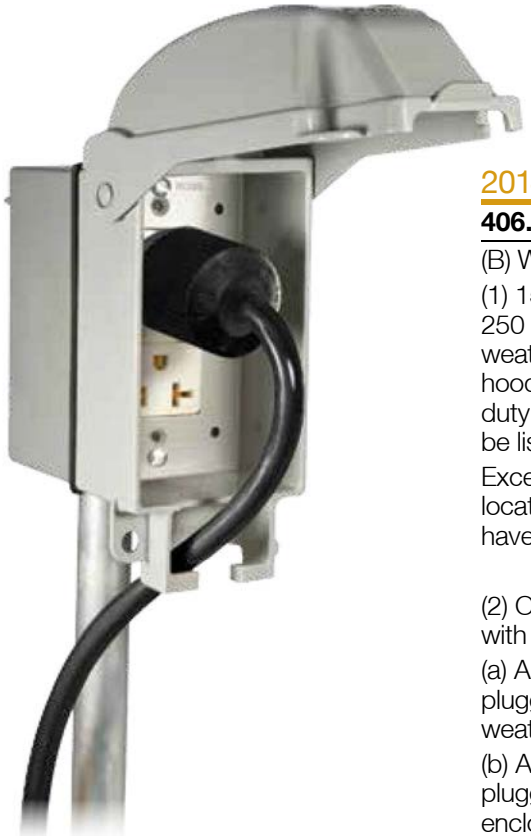
Anodized Aluminum

- Non-magnetic and corrosion resistance for a wide range of applications.
- Finish is lacquer coated to inhibit oxidation.

Extra Duty Metallic While-in-Use Covers

These covers are designed for use whenever protection is required while an outlet is in use. Covers meet or exceed the extra duty rating per UL 514D, and are NEMA 3R rated.

- Die-cast aluminum construction
- Powder coated “chip resistant” paint corrosion protection
- Unique plug management provision for securing device and cord



2014 National Electrical Code (NEC®) Requirement

406.9 Receptacles in Damp or Wet Locations

(B) Wet Locations.

(1) 15 and 20 ampere receptacles in a wet location. 15 and 20 ampere, 125 and 250 volt receptacles installed in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted. An outlet box hood installed for this purpose shall be listed, and shall be identified as “extra duty.” All 15 and 20 ampere, 125 and 250 volt nonlocking-type receptacles shall be listed weather resistant type.

Exception: 15 and 20 ampere, 125 through 250 volt receptacles installed in a wet location and subject to routine high-pressure spray washing shall be permitted to have an enclosure that is weatherproof when the attachment plug is removed.

(2) Other receptacles. All other receptacles installed in a wet location shall comply with (B)(2)(a) or (B)(2)(b).

(a) A receptacle installed in a wet location, where the product intended to be plugged into it is not attended while in use, shall have an enclosure that is weatherproof with the attachment plug cap inserted or removed.

(b) A receptacle installed in a wet location where the product intended to be plugged into it will be attended while in use (e.g., portable tools) shall have an enclosure that is weatherproof when the attachment plug is removed.

NEC® is a registered trademark of the The National Electrical Code.

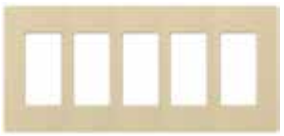
Wallplates and Covers

Snap-On Wallplates

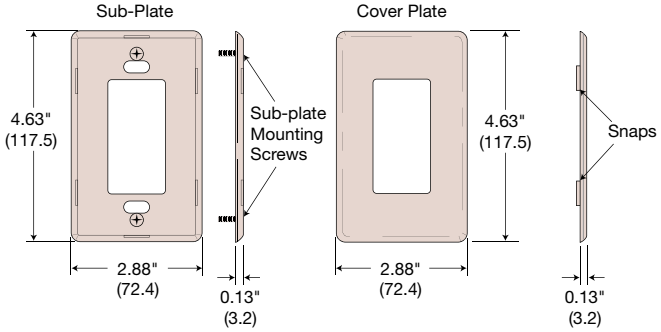
Decorator snap-on wallplates offer a clean, elegant look that can be installed in seconds. Toggle snap-on wallplates offer traditional styling, two piece construction, and four snaps that securely hold the cover to the sub-plate.

- Smooth finish
- Virtually unbreakable thermoplastic
- Easy to snap-on
- Multi-gang auto alignment

Snap-On Wallplates

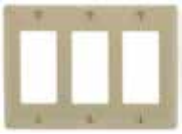
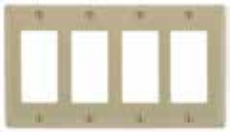
Description	Color	Catalog Number		Catalog Number
1-Gang, 1-Decorator	Ivory Light Almond White	**RCW1I** **RCW1LA** **RCW1W**	1-Gang, 1-Toggle	**RFW1I** **–** **RFW1W**
2-Gang, 2-Decorator	Ivory Light Almond White	**RCW2I** **RCW2LA** **RCW2W**	2-Gang, 2-Toggle	**RFW2I** **–** **RFW2W**
3-Gang, 3-Decorator	Ivory Light Almond White	**RCW3I** **RCW3LA** **RCW3W**	3-Gang, 3-Toggle	**RFW3I** **–** **RFW3W**
4-Gang, 4-Decorator	Ivory Light Almond White	**RCW4I** **RCW4LA** **RCW4W**		
5-Gang, 5-Decorator 	Ivory Light Almond White	**RCW5I** **RCW5LA** **RCW5W**		
6-Gang, 6-Decorator	Ivory Light Almond White	**RCW6I** **RCW6LA** **RCW6W**		

Product Dimensions Inches (mm)



Specifications are subject to change without notice.

GFCI, USB Receptacles, Surge Receptacles and Decorator Device Wallplates

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
1-Gang, 1-Decorator	Almond	**NP26AL**	**NPJ26AL**	Aluminum	①
	Black	**NP26BK**	**NPJ26BK**	Brass	**SB26**
	Blue	**–**	**NPJ26BL**	Brass Plated	**SBP26**
	Brown	**NP26**	**NPJ26**	Chrome	**SCH26**
	Gray	**NP26GY**	**NPJ26GY**	S/S 302/304	**SS26**
	Ivory	**NP26I**	**NPJ26I**	S/S 430	**SS26L**
	Light Almond	**NP26LA**	**NPJ26LA**	Steel, Almond	**PHPS1AL***
	Red	**NP26R**	**NPJ26R**	Steel, Gray	**PHPS1G***
	White	**NP26W**	**NPJ26W**		
2-Gang, 2-Decorator	Almond	**NP262AL**	**NPJ262AL**	Aluminum	①
	Black	**NP262BK**	**NPJ262BK**	Brass	**SB262**
	Brown	**NP262**	**NPJ262**	Brass Plated	**SBP262**
	Gray	**NP262GY**	**NPJ262GY**	Chrome	**SCH262**
	Ivory	**NP262I**	**NPJ262I**	S/S 302/304	**SS262**
	Light Almond	**NP262LA**	**NPJ262LA**	S/S 430	**SS262L**
	Red	**NP262R**	**NPJ262R**	Steel, Almond	**PHPS2AL***
	White	**NP262W**	**NPJ262W**	Steel, Gray	**PHPS2G***
3-Gang, 3-Decorator 	Almond	**NP263AL**	**NPJ263AL**	Aluminum	①
	Black	**NP263BK**	**NPJ263BK**	Brass	①
	Brown	**NP263**	**NPJ263**	Brass Plated	**SBP263**
	Gray	**NP263GY**	**NPJ263GY**	Chrome	①
	Ivory	**NP263I**	**NPJ263I**	S/S 302/304	**SS263**
	Light Almond	**NP263LA**	**NPJ263LA**	Steel, Almond	**PHPS3AL***
	Red	**NP263R**	**NPJ263R**		
	White	**NP263W**	**NPJ263W**		
4-Gang, 4-Decorator 	Almond	**NP264AL**	**NPJ264AL**	Aluminum	①
	Black	**NP264BK**	**NPJ264BK**	Brass	①
	Brown	**NP264**	**NPJ264**	Brass Plated	①
	Gray	**NP264GY**	**NPJ264GY**	Chrome	①
	Ivory	**NP264I**	**NPJ264I**	S/S 302/304	**SS264**
	Light Almond	**NP264LA**	**NPJ264LA**	Steel, Almond	**PHPS4AL***
	White	**NP264W**	**NPJ264W**		
5-Gang, 5-Decorator	Black	**NP265BK**		Aluminum	①
	Brown	**NP265**		Brass	①
	Gray	**NP265GY**		Brass Plated	①
	Ivory	**NP265I**		Chrome	①
	Light Almond	**NP265LA**		S/S 302/304	**SS265**
	White	**NP265W**		Steel, Almond	**PHPS5AL***
6-Gang, 6-Decorator	Black	**NP266BK**		Aluminum	①
	Brown	**NP266**		Brass	①
	Gray	**NP266GY**		Brass Plated	①
	Ivory	**NP266I**		Chrome	①
	Light Almond	**NP266LA**		S/S 302/304	**SS266**
	White	**NP266W**		Steel, Almond	**PHPS6AL***

Note: All standard and mid-size nylon wallplates feature pre-inserted captive screws for faster assembly.

①Available as a custom wallplate, see page P-27. Consult custom wallplates section for additional openings and combinations.

**Powder coat paint finish.*

Toggle Switch Wallplates

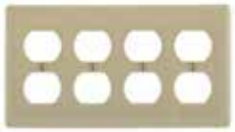
Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
1-Gang, 1-Toggle	Almond	**NP1AL**	**NPJ1AL**	Aluminum	**SA1**
	Black	**NP1BK**	**NPJ1BK**	Brass	**SB1**
	Brown	**NP1**	**NPJ1**	Brass Plated	**SBP1**
	Gray	**NP1GY**	**NPJ1GY**	Chrome	**SCH1**
	Ivory	**NP1I**	**NPJ1I**	S/S 302/304	**SS1**
	Light Almond	**NP1LA**	**NPJ1LA**	S/S 430	**SS1L**
	Red	**NP1R**	**NPJ1R**	Steel, Almond	**SP1AL***
	White	**NP1W**	**NPJ1W**	Steel, Gray	**SP1G***
2-Gang, 2-Toggle	Almond	**NP2AL**	**NPJ2AL**	Aluminum	**SA2**
	Black	**NP2BK**	**NPJ2BK**	Brass	**SB2**
	Brown	**NP2**	**NPJ2**	Brass Plated	**SBP2**
	Gray	**NP2GY**	**NPJ2GY**	Chrome	**SCH2**
	Ivory	**NP2I**	**NPJ2I**	S/S 302/304	**SS2**
	Light Almond	**NP2LA**	**NPJ2LA**	S/S 430	**SS2L**
	Red	**NP2R**	**NPJ2R**	Steel, Almond	**SP2AL***
	White	**NP2W**	**NPJ2W**	Steel, Gray	**SP2G***
3-Gang, 3-Toggle	Almond	**NP3AL**	**NPJ3AL**	Aluminum	①
	Black	**NP3BK**	**NPJ3BK**	Brass	**SB3**
	Brown	**NP3**	**NPJ3**	Brass Plated	**SBP3**
	Gray	**NP3GY**	**NPJ3GY**	Chrome	**SCH3**
	Ivory	**NP3I**	**NPJ3I**	S/S 302/304	**SS3**
	Light Almond	**NP3LA**	**NPJ3LA**	S/S 430	**SS3L**
	Red	**–**	**NPJ3R**	Steel, Almond	**SP3AL***
	White	**NP3W**	**NPJ3W**		
4-Gang, 4-Toggle	Black	**NP4BK**	**NPJ4BK**	Aluminum	①
	Brown	**NP4**	**NPJ4**	Brass	**SB4**
	Gray	**NP4GY**	**NPJ4GY**	Brass Plated	**SBP4**
	Ivory	**NP4I**	**NPJ4I**	Chrome	①
	Light Almond	**NP4LA**	**NPJ4LA**	S/S 302/304	**SS4**
	White	**NP4W**	**NPJ4W**	S/S 430	**SS4L**
				Steel, Almond	**SP4AL***
5-Gang, 5-Toggle	Black	**NP5BK**		Aluminum	①
	Brown	**NP5**		Brass	**SB5**
	Gray	**NP5GY**		Brass Plated	①
	Ivory	**NP5I**		Chrome	①
	Light Almond	**NP5LA**		S/S 302/304	**SS5**
	White	**NP5W**		Steel, Almond	**SP5AL***
6-Gang, 6-Toggle	Brown	**NP6**		Aluminum	①
	Gray	**NP6GY**		Brass	**SB6**
	Ivory	**NP6I**		Brass Plated	①
	Light Almond	**NP6LA**		Chrome	①
	White	**NP6W**		S/S 302/304	**SS6**
				Steel, Almond	**SP6AL***
7-Gang, 7-Toggle				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS607**
8-Gang, 8-Toggle				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS608**
2-Gang, 1-Toggle				S/S 302/304	**SS740**

Note: All standard and mid-size nylon wallplates feature pre-inserted captive screws for faster assembly.

①Available as a custom wallplate, see page P-27. Consult custom wallplates section for additional openings and combinations.

**Powder coat paint finish.*

Duplex Receptacle Wallplates

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
1-Gang, 1-Duplex	Almond	**NP8AL**	**NPJ8AL**	Aluminum	**SA8**
	Black	**NP8BK**	**NPJ8BK**	Brass	**SB8**
	Blue	**–**	**NPJ8BL**	Brass Plated	**SBP8**
	Brown	**NP8**	**NPJ8**	Chrome	**SCH8**
	Gray	**NP8GY**	**NPJ8GY**	S/S 302/304	**SS8**
	Ivory	**NP8I**	**NPJ8I**	S/S 430	**SS8L**
	Light Almond	**NP8LA**	**NPJ8LA**	Steel, Almond	**SP8AL***
	Orange	**NP8OR**	**–**	Steel, Gray	**SP8G***
	Red	**NP8R**	**NPJ8R**		
	White	**NP8W**	**NPJ8W**		
2-Gang, 2-Duplex	Black	**NP82BK**	**NPJ82BK**	Aluminum	**SA82**
	Brown	**NP82**	**NPJ82**	Brass	**SB82**
	Gray	**NP82GY**	**NPJ82GY**	Brass Plated	**SBP82**
	Ivory	**NP82I**	**NPJ82I**	Chrome	**SCH82**
	Light Almond	**NP82LA**	**NPJ82LA**	S/S 302/304	**SS82**
	Orange	**NP82OR**	**–**	S/S 430	**SS82L**
	Red	**NP82R**	**NPJ82R**	Steel, Almond	**SP82AL***
	White	**NP82W**	**NPJ82W**	Steel, Gray	**SP82G***
3-Gang, 3-Duplex	Brown	**NP83**		Aluminum	①
	Ivory	**NP83I**		Brass	①
	White	**NP83W**		Brass Plated	①
				Chrome	①
				S/S 302/304	**SS83**
				Steel, Almond	**SP83AL***
4-Gang, 4-Duplex 	Brown	**NP84**		Aluminum	①
	Ivory	**NP84I**		Brass	①
	White	**NP84W**		Brass Plated	①
				Chrome	①
				S/S 302/304	**SS84**
2-Gang, 1-Duplex				S/S 302/304	**SS748**

Single 15/20A Straight Blade or 15A Locking Receptacle Wallplates

Inches (mm)

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
1-Gang, 1-Single 1.40 in. (35.6) dia. hole	Black	**NP7BK**	**NPJ7BK**	Aluminum	**SA7**
	Brown	**NP7**	**NPJ7**	Brass	**SB7**
	Gray	**NP7GY**	**NPJ7GY**	Brass Plated	**SBP7**
	Ivory	**NP7I**	**NPJ7I**	Chrome	**SCH7**
	Light Almond	**NP7LA**	**NPJ7LA**	S/S 302/304	**SS7**
	Red	**NP7R**	**NPJ7R**	S/S 430	**SS7L**
	White	**NP7W**	**NPJ7W**	Steel, Almond	**SP7AL***
				Steel, Gray	**SP7G***
2-Gang, 1-Single 1.40 in. (35.6) dia. hole				S/S 302/304	**SS747**
2-Gang, 2-Single 1.40 in. (35.6) dia. hole				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS72**

Note: All standard and mid-size nylon wallplates feature pre-inserted captive screws for faster assembly.
①Available as a custom wallplate, see page P-27. Consult custom wallplates section for additional openings and combinations.
**Powder coat paint finish.*

Single 20/30A Locking Receptacle Wallplates Inches (mm)

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
1-Gang, 1-Single 1.60 in. (40.6) dia. hole	Black	**NP720BK**		Aluminum	**SA720**
	Brown	**NP720**		Brass	**SB720**
	Gray	**NP720GY**		Brass Plated	①
	Ivory	**NP720I**		Chrome	①
	Red	**NP720R**		S/S 302/304	**SS720**
	White	**NP720W**			
1-Gang, 1-Single 1.74 in. (44.2) dia. hole				S/S 302/304	**SS725**
2-Gang, 1-Single 1.60 in. (40.6) dia. hole				S/S 302/304	**SS749**
3-Gang, 2-Single 1.60 in. (40.6) dia. hole				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS320**
3-Gang, 2-Single 1.74 in. (44.2) dia. hole				S/S 302/304	**SS330**

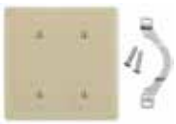
Single Receptacle Wallplates Inches (mm)

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
1-Gang, 1-Single 1.97 in. (50.0) dia. hole				S/S 302/304	**SS737**
1-Gang, 1-Single 2.16 in. (54.9) dia. hole	Black	**NP724BK**	**NPJ724BK**	Aluminum	**SA723**
	Brown	**NP724**	**NPJ724**	Brass	①
	Gray	**NP724GY**	**NPJ724GY**	Brass Plated	①
	Ivory	**NP724I**	**NPJ724I**	Chrome	**SCH723**
	White	**NP724W**	**NPJ724W**	S/S 302/304	**SS723**
				S/S 430	**SS723L**
2-Gang, 1-Single 2.16 in. (54.9) dia. hole				Chrome	**SCH702**
				S/S 302/304	**SS702**
2-Gang, 1-Single 2.16 in. (54.9) dia. hole	Black	**NP703BK**	**NPJ703BK**	S/S 302/304	**SS703**
	Brown	**NP703**	**NPJ703**	S/S 430	**SS703L**
	Gray	**NP703GY**	**NPJ703GY**		
	Ivory	**NP703I**	**NPJ703I**		
	White	**NP703W**	**NPJ703W**		
2-Gang, 1-Single 2.48 in. (63.0) dia. hole				S/S 302/304	**SS701**
2-Gang, 1-Single 2.66 in. (67.6) dia. hole				S/S 302/304	**SS716**

Note: All standard and mid-size nylon wallplates feature pre-inserted captive screws for faster assembly.

①Available as a custom wallplate, see page P-27. Consult custom wallplates section for additional openings and combinations.

Blank Wallplates, Box Mount and Strap Mount

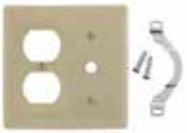
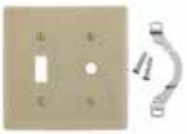
Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
1-Gang, 1-Blank, Box Mount	Almond	**NP13AL**	**NPJ13AL**	Aluminum	**SA13A**
	Black	**NP13BK**	**NPJ13BK**	Brass	**SB13**
	Brown	**NP13**	**NPJ13**	Brass Plated	**SBP13**
	Gray	**NP13GY**	**NPJ13GY**	Chrome	**SCH13**
	Ivory	**NP13I**	**NPJ13I**	S/S 302/304	**SS13**
	Light Almond	**NP13LA**	**NPJ13LA**	S/S 430	**SS13L**
	White	**NP13W**	**NPJ13W**	Steel, Almond	**SP14BAL***
				Steel, Gray	**SP14BG***
2-Gang, 2-Blank, Box Mount	Almond	**NP23AL**	**NPJ23AL**	Aluminum	**SA23**
	Black	**NP23BK**	–	Brass	**SB23**
	Brown	**NP23**	**NPJ23**	Brass Plated	①
	Gray	**NP23GY**	–	Chrome	**SCH23**
	Ivory	**NP23I**	**NPJ23I**	S/S 302/304	**SS23**
	Light Almond	**NP23LA**	**NPJ23LA**	S/S 430	**SS23L**
	White	**NP23W**	**NPJ23W**	Steel, Almond	**SP24BAL***
				Steel, Gray	**SP24BG***
3-Gang, 3-Blank, Box Mount	Brown	**NP33**		Aluminum	①
	Ivory	**NP33I**		Brass	①
	White	**NP33W**		Brass Plated	①
				Chrome	①
				S/S 302/304	**SS33**
				Steel, Almond	**SP34BAL***
4-Gang, 4-Blank, Box Mount	Brown	**NP43**		Aluminum	①
	Ivory	**NP43I**		Brass	①
	White	**NP43W**		Brass Plated	①
				Chrome	①
				S/S 302/304	**SS43**
1-Gang, 1-Blank, Strap Mount	Black	**NP14BK**		Aluminum	①
	Brown	**NP14**		Brass	**SB14**
	Gray	**NP14GY**		Brass Plated	①
	Ivory	**NP14I**		Chrome	①
	Red	**NP14R**		S/S 302/304	**SS14**
	White	**NP14W**		S/S 430	**SS14L**
				Steel, Almond	**SP14AL***
				Steel, Gray	**SP14G***
 2-Gang, 2-Blank, Strap Mount	Black	**NP24BK**		Aluminum	①
	Brown	**NP24**		Brass	①
	Gray	**NP24GY**		Brass Plated	①
	Ivory	**NP24I**		Chrome	①
	Red	**NP24R**		S/S 302/304	**SS24**
	White	**NP24W**		S/S 430	**SS24L**
				Steel, Almond	**SP24AL***
				Steel, Gray	**SP24G***
3-Gang, 3-Blank, Strap Mount	Brown	**NP34**		Aluminum	①
	Ivory	**NP34I**		Brass	①
	White	**NP34W**		Brass Plated	①
				Chrome	①
				S/S 302/304	**SS34**
				Steel, Almond	**SP34AL***
4-Gang, 4-Blank, Strap Mount	Brown	**NP44**		Aluminum	①
	Ivory	**NP44I**		Brass	①
	White	**NP44W**		Brass Plated	①
				Chrome	①
				S/S 302/304	**SS44**

Note: All standard and mid-size nylon wallplates feature pre-inserted captive screws for faster assembly.

①Available as a custom wallplate, see page P-27. Consult custom wallplates section for additional openings and combinations.

**Powder coat paint finish.*

Combination Wallplates, 2-Gang Inches (mm)

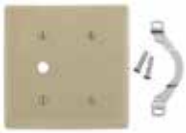
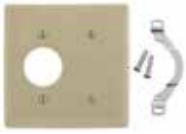
Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
2-Gang, 1-Toggle, 1-Duplex	Almond	**NP18AL**	**NPJ18AL**	Aluminum	①
	Black	**NP18BK**	**NPJ18BK**	Brass	①
	Brown	**NP18**	**NPJ18**	Brass Plated	**SBP18**
	Gray	**NP18GY**	**NPJ18GY**	Chrome	**SCH18**
	Ivory	**NP18I**	**NPJ18I**	S/S 302/304	**SS18**
	Light Almond	**NP18LA**	**NPJ18LA**	S/S 430	**SS18L**
	Red	**NP18R**	**NPJ18R**	Steel, Almond	**SP18AL***
	White	**NP18W**	**NPJ18W**	Steel, Gray	**SP18G***
2-Gang, 1-Duplex, 1-Decorator	Almond	**NP826AL**	**NPJ826AL**	Aluminum	①
	Black	**NP826BK**	**NPJ826BK**	Brass	**SB826**
	Brown	**NP826**	**NPJ826**	Brass Plated	①
	Gray	**NP826GY**	**NPJ826GY**	Chrome	①
	Ivory	**NP826I**	**NPJ826I**	S/S 302/304	**SS826**
	Light Almond	**NP826LA**	**NPJ826LA**		
	White	**NP826W**	**NPJ826W**		
2-Gang, 1-Toggle, 1-Decorator	Almond	**NP126AL**	**NPJ126AL**	Aluminum	①
	Black	**NP126BK**	**NPJ126BK**	Brass	**SB126**
	Brown	**NP126**	**NPJ126**	Brass Plated	**SBP126**
	Gray	**NP126GY**	**NPJ126GY**	Chrome	①
	Ivory	**NP126I**	**NPJ126I**	S/S 302/304	**SS126**
	Light Almond	**NP126LA**	**NPJ126LA**	S/S 430	**SS126L**
	White	**NP126W**	**NPJ126W**	Steel, Almond	**PJS126AL***
				Steel, Gray	**PJS126G***
2-Gang, 1-Duplex, 1-Telephone .406 in. (10.3) Hole Strap Mount 	Black	**NP128BK**			
	Brown	**NP128**			
	Gray	**NP128GY**			
	Ivory	**NP128I**			
	White	**NP128W**			
2-Gang, 1-Toggle, 1-Telephone .406 in. (10.3) Hole Strap Mount 	Black	**NP112BK**			
	Brown	**NP112**			
	Gray	**NP112GY**			
	Ivory	**NP112I**			
	White	**NP112W**			
2-Gang, 1-Decorator, 1-Telephone .406 in. (10.3) Hole Strap Mount	Black	**NP1226BK**			
	Brown	**NP1226**			
	Gray	**NP1226GY**			
	Ivory	**NP1226I**			
	White	**NP1226W**			
2-Gang, 1-Single Receptacle 1.40 in. (35.6) Hole, 1-Duplex	Almond	**NP78AL**		Aluminum	①
	Brown	**NP78**		Brass	①
	Gray	**NP78GY**		Brass Plated	①
	Ivory	**NP78I**		Chrome	①
	White	**NP78W**		S/S 302/304	**SS78**
2-Gang, 1-Single Receptacle 1.60 in. (40.6) Hole, 1-Duplex				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS8720**
2-Gang, 1-Toggle, 1-Single Receptacle 1.40 in. (35.6) Hole	Black	**NP17BK**		Aluminum	①
	Brown	**NP17**		Brass	①
	Gray	**NP17GY**		Brass Plated	①
	Ivory	**NP17I**		Chrome	①
	White	**NP17W**		S/S 302/304	**SS17**

Note: All standard and mid-size nylon wallplates feature pre-inserted captive screws for faster assembly.

①Available as a custom wallplate, see page P-27. Consult custom wallplates section for additional openings and combinations.

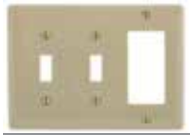
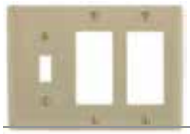
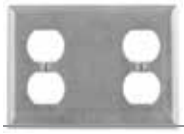
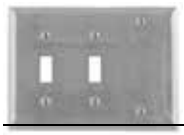
**Powder coat paint finish.*

Combination Wallplates, 2- and 3-Gang Inches (mm)

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
2-Gang, 1-Toggle, 1-Blank, Box Mount	Black	**NP113BK**	**–**	Aluminum	①
	Brown	**NP113**	**NPJ113**	Brass	①
	Gray	**NP113GY**	**–**	Brass Plated	①
	Ivory	**NP113I**	**NPJ113I**	Chrome	①
	Light Almond	**NP113LA**	**–**	S/S 302/304	**SS113**
	White	**NP113W**	**–**		
2-Gang, 1-Toggle, 1-Blank, Strap Mount				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS114**
2-Gang, 1-Blank, 1-Duplex, Box Mount	Black	**NP138BK**	**–**	Aluminum	①
	Brown	**NP138**	**NPJ138**	Brass	①
	Gray	**NP138GY**	**–**	Brass Plated	①
	Ivory	**NP138I**	**NPJ138I**	Chrome	①
	Light Almond	**NP138LA**	**–**	S/S 302/304	**SS138**
	White	**NP138W**	**NPJ138W**		
2-Gang, 1-Blank, 1-Duplex, Strap Mount				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS148**
2-Gang, 1-Blank, 1-Decorator, Box Mount	Black	**NP1326BK**	**NPJ1326BK**	Aluminum	①
	Brown	**NP1326**	**NPJ1326**	Brass	①
	Gray	**NP1326GY**	**NPJ1326GY**	Brass Plated	①
	Ivory	**NP1326I**	**NPJ1326I**	Chrome	①
	Light Almond	**NP1326LA**	**NPJ1326LA**	S/S 302/304	**SS1426***
	White	**NP1326W**	**NPJ1326W**		
2-Gang, 1-Telephone, .406 in. (10.3) Hole, 1-Blank, Strap Mount 	Black	**NP1214BK**			
	Brown	**NP1214**			
	Gray	**NP1214GY**			
	Ivory	**NP1214I**			
	White	**NP1214W**			
2-Gang, 1-Single Receptacle 1.40 in. (35.6) Hole 1-Blank, Strap Mount 	Black	**NP147BK**		Aluminum	①
	Brown	**NP147**		Brass	①
	Gray	**NP147GY**		Brass Plated	①
	Ivory	**NP147I**		Chrome	①
	White	**NP147W**		S/S 302/304	①
3-Gang, 2-Toggle, 1-Duplex	Brown	**NP28**	**NPJ28**	Aluminum	①
	Gray	**NP28GY**	**–**	Brass	①
	Ivory	**NP28I**	**NPJ28I**	Brass Plated	**SBP28**
	Light Almond	**NP28LA**	**NPJ28LA**	Chrome	①
	White	**NP28W**	**NPJ28W**	S/S 302/304	**SS28**
				Steel, Almond	**SP28AL***
				Steel, Gray	**SP28G***
3-Gang, 1-Toggle, 2-Duplex	Black	**NP182BK**		Aluminum	①
	Brown	**NP182**		Brass	①
	Gray	**NP182GY**		Brass Plated	①
	Ivory	**NP182I**		Chrome	①
	White	**NP182W**		S/S 302/304	**SS182**

Note: All standard and mid-size nylon wallplates feature pre-inserted captive screws for faster assembly.
①Available as a custom wallplate, see page P-27. Consult custom wallplates section for additional openings and combinations.
**Powder coat paint finish.*

Combination Wallplates, 3-Gang

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
3-Gang, 2-Toggle, 1-Decorator 	Black	**NP226BK**	**NPJ226BK**	Aluminum	①
	Brown	**NP226**	**NPJ226**	Brass	①
	Gray	**NP226GY**	**NPJ226GY**	Brass Plated	①
	Ivory	**NP226I**	**NPJ226I**	Chrome	①
	Light Almond	**NP226LA**	**NPJ226LA**	S/S 302/304	**SS226**
	White	**NP226W**	**NPJ226W**	Steel, Gray	**PJS226G***
3-Gang, 1-Toggle, 2-Decorator 	Black	**NP1262BK**		Aluminum	①
	Brown	**NP1262**		Brass	①
	Gray	**NP1262GY**		Brass Plated	①
	Ivory	**NP1262I**		Chrome	①
	Light Almond	**NP1262LA**		S/S 302/304	①
	White	**NP1262W**			
3-Gang, 2-Duplex, 1-Blank				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS211**
3-Gang, 1-Duplex, 1-Blank, 1-Duplex 				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS8147**
3-Gang, 2-Toggle, 1-Blank 				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS213**

Combination Wallplates, 4- and 5-Gang

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
4-Gang, 3-Toggle, 1-Duplex	Brown	**NP38**		Aluminum	①
	Ivory	**NP38I**		Brass	①
	Light Almond	**NP38LA**		Brass Plated	①
	White	**NP38W**		Chrome	①
				S/S 302/304	**SS38**
4-Gang, 3-Toggle, 1-Decorator	Black	**NP326BK**		Aluminum	①
	Brown	**NP326**		Brass	①
	Gray	**NP326GY**		Brass Plated	①
	Ivory	**NP326I**		Chrome	①
	Light Almond	**NP326LA**		S/S 302/304	**SS326**
	White	**NP326W**			
4-Gang, 2-Toggle, 2-Decorator	Black	**NP2262BK**		Aluminum	①
	Brown	**NP2262**		Brass	①
	Gray	**NP2262GY**		Brass Plated	①
	Ivory	**NP2262I**		Chrome	①
	Light Almond	**NP2262LA**		S/S 302/304	①
	White	**NP2262W**			
5-Gang, 4-Toggle, 1-Duplex	Brown	**NP48**		Aluminum	①
	Ivory	**NP48I**		Brass	①
	White	**NP48W**		Brass Plated	①
				Chrome	①
				S/S 302/304	①

Note: All standard and mid-size nylon wallplates feature pre-inserted captive screws for faster assembly.

①Available as a custom wallplate, see page P-27. Consult custom wallplates section for additional openings and combinations.

**Powder coat paint finish.*

Telephone and Coaxial Outlet Wallplates Inches (mm)

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
1-Gang, 1-Tel Nylon 0.406 in. (10.3) hole, Metal 0.640 in. (16.3) hole, box mount	Almond	**NP11AL**	**NPJ11AL**	Aluminum	①
	Black	**NP11BK**	–	Brass	①
	Brown	**NP11**	**NPJ11**	Brass Plated	①
	Gray	**NP11GY**	–	Chrome	①
	Ivory	**NP11I**	**NPJ11I**	S/S 302/304	**SS11***
	Light Almond	**NP11LA**	**NPJ11LA**	S/S 430	**SS11L***
	Red	**NP11R**	–		
	White	**NP11W**	**NPJ11W**		
1-Gang, 1-Tel Nylon 0.406 in. (10.3) hole, Metal 0.640 in. (16.3) hole, strap mount	Almond	**NP12AL**		Aluminum	①
	Black	**NP12BK**		Brass	**SB12***
	Brown	**NP12**		Brass Plated	**SBP12***
	Gray	**NP12GY**		Chrome	**SCH12***
	Ivory	**NP12I**		S/S 302/304	**SS12***
	White	**NP12W**		S/S 430	**SS12L***
1-Gang, 1-Tel 0.625 in. (15.9) hole, box mount	Almond	**NP737AL**			
	Brown	**NP737**			
	Ivory	**NP737I**			
	White	**NP737W**			
1-Gang, 1-Tel 0.625 in. (15.9) hole, strap mount	Brown	**NP730**			
	Ivory	**NP730I**			
	White	**NP730W**			
1-Gang, 1-Tel 0.380 in. (9.7) hole, box mount or strap mount				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS739**
				S/S 302/304, Strap Mount	**SS738**
2-Gang, 2-Tel Nylon 0.406 in. (10.3) hole, Metal 0.640 in. (16.3) hole, Box Mount	Black	**NP21BK**		Aluminum	①
	Brown	**NP21**		Brass	①
	Gray	**NP21GY**		Brass Plated	①
	Ivory	**NP21I**		Chrome	①
	White	**NP21W**		S/S 302/304, Strap Mount	**SS22***
2-Gang, 1-Tel 0.640 in. (16.3) hole, box mount				S/S 302/304	**SS741***

Note: All standard and mid-size nylon wallplates feature pre-inserted captive screws for faster assembly.

①Available as a custom wallplate, see page P-27. Consult custom wallplates section for additional openings and combinations.

** .50" (12.7) I.D. nylon bushing provided.*

Jumbo Metal Wallplates

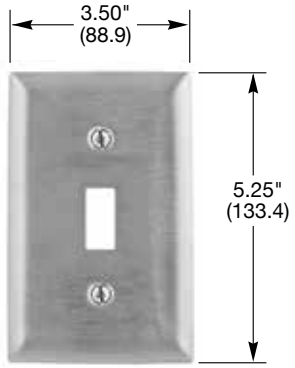
Jumbo, Smooth, Stainless Steel Type 302/304 Wallplates Inches (mm)

Description	Catalog Number
1-Gang, 1-Toggle	**SSJ1**
1-Gang, 1-Duplex	**SSJ8**
1-Gang, 1-Decorator	**SSJ26**
1-Gang, 1-Single Receptacle for 1.36–1.39 in. (34.5–35.3) dia. face	**SSJ7**
1-Gang, 1-Single Receptacle for 2.09–2.13 in. (53.1–54.1) dia. face	**SSJ723**
1-Gang, 1-Blank, box mount	**SSJ13**
1-Gang, 1-Telephone opening, 0.640 in. (16.3) box mount	**SSJ11***

Description	Catalog Number
2-Gang, 2-Toggle	**SSJ2**
2-Gang, 2-Duplex	**SSJ82**
2-Gang, 2-Decorator	**SSJ262**
2-Gang, 1-Toggle, 1-Duplex	**SSJ18**
2-Gang, 1-Toggle, 1-Decorator	**SSJ126**
2-Gang, 2-Blank, box mount	**SSJ23**

*Note: *.50 in. (12.7) I.D. nylon bushing provided.*
Specifications are subject to change without notice.

Product Dimensions Inches (mm)



Jumbo Wallplate

Oversize dimensions (see page P-26 for more details).
1-Gang, 5.25 in. x 3.50 in. (133.4 x 88.9).
2-Gang, 5.25 in. x 5.31 in. (133.4 x 134.9).

Pre-Marked "EMERGENCY" Wallplates

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
1-Gang, 1-Duplex, paint filled ¼ in. (6.4) white lettering	Red		**NPJ8RMEV**	S/S 302/304	**SS8MEV**
1-Gang, 1-Toggle, paint filled ¼ in. (6.4) white lettering	Red		**NPJ1RME**	S/S 302/304	**SS1ME**
2-Gang, 2 Duplex, paint filled ¼ in. (6.4) red lettering				S/S 302/304	**SS82MEV**

Note: See page P-26 for mid-size plate dimensions.
All lettering .25 in. (6.3) high.

Stainless Steel Barrel Key Switch Wallplates

Description	1-Gang, with ON/OFF Markings	1-Gang, with Position Markings	2-Gang, with ON/OFF Markings	2-Gang, with Position Markings
Stainless steel, 302/304, smooth.	**SS12RKL**	**SS12RKLM**	**SS22RKL**	**SS22RKLM**

Note: See page D-3 for barrel key switch selection.

Single Count Screws and Accessories Inches (mm)

Description	Catalog Number
Stainless steel screw, standard slot, .38 in. (9.7) long	**HBL7341SS**
Security spanner head screws, 6-32 thread, 100 count	**HBL7342RKL**
Screwdriver with spanner head security bit	**HBL7372RKL**

HBL7342RKL

HBL7372RKL

Pre-Marked "ISOLATED GROUND" Wallplates Inches (mm)

Description	Color	Nylon Standard Size	Nylon No Marking	Material	Catalog Number
1-Gang, 1-Duplex, paint filled black	Orange	**NP8OIG**	**NP8OR**		
1-Gang, 1-Decorator, paint filled black	Orange	**NP26OIG**			
1-Gang, 1-Single Receptacle 1.40 in. (35.6) hole for 1.36–1.39 in. (34.5–35.3) dia. face, paint filled black	Orange	**NP7OIG**			
1-Gang, 1-Single Receptacle 1.60 in. (40.6) hole for 20A and 30A Locking with 1.55–1.58 in. (39.4–40.1) dia. face, paint filled black	Orange	**NP720OIG**			

Pre-Marked "COMPUTER ONLY" Wallplates

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
1-Gang, 1-Duplex, paint filled black	Orange Ivory		**NPJ8CO** **NPJ8C**		
2-Gang, 2-Duplex, paint filled black	Orange		**NPJ82CO**		
1-Gang, 1-Decorator, paint filled black	Blue Ivory		**NPJ26CBL** **NPJ26C**		

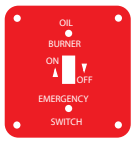
Louver Plate, 1-Gang, Box Mount

Description	Color	Nylon Standard Size	Nylon Mid-Size	Material	Catalog Number
1-Gang, Vertical mounted louver				Aluminum Brass Brass Plated Chrome S/S 302/304	① **SB771** **SBP771** ① **SS771**

Note: All standard and mid-size nylon wallplates feature pre-inserted captive screws for faster assembly.

①Available as a custom wallplate, see page P-27. Consult custom wallplates section for additional openings and combinations.

Oil and Gas Burner Emergency Plates Inches (mm)



Description	Color/Material	Oil Burner Cover	Gas Burner Cover	Emergency Cover
1-Gang, 1-Toggle, ¼ in. (6.4) silk screened white letters	Red Enameled Steel	**S22710EM**	**S2271GEM**	**–**
Utility/handy box cover, 1-Toggle, ¼ in. (6.4) silk screened white letters	Red Enameled Steel	**SY865OEM**	**SY865GEM**	**SY865EM**
4 in. (101.6) square box cover, 1-Toggle, ¼ in. (6.4) silk screened white letters	Red Enameled Steel	**SY800OEM**	**SY800GEM**	**–**
4 in. (101.6) square box cover, 2-Toggle, ¼ in. (6.4) silk screened white letters	Red Enameled Steel	**–**	**SY803GEM**	**–**

Wallplate Screws, 6-32 Thread, 100 Count

Description	Color/Material	Decorator ⅜ in. Long	Standard ½ in. Long	Standard ⅝ in. Long	Standard 1.0 in. Long
Wallplate screws, oval head milled slot, 6-32 thread, 100 per box (order 1 to receive a box of 100)	Almond	**RA38ALPK100**	**RA12ALPK100**	**–**	**–**
	Black	**RA38BKPK100**	**RA12BKPK100**	**–**	**–**
	Brown	**RA38PK100**	**RA12PK100**	**–**	**–**
	Gray	**RA38GYPK100**	**RA12GYPK100**	**–**	**–**
	Ivory	**RA38IPK100**	**RA12IPK100**	**–**	**RA88IPK100**
	Light Almond	**RA38LAPK100**	**RA12LAPK100**	**–**	**–**
	White	**RA38WPK100**	**RA12WPK100**	**–**	**RA88WPK100**
	Stainless Steel	**RA38SSPK100**	**–**	**RA58SSPK100**	**RA88SSPK100**

Accessories Inches (mm)

Blank adapters

Color	To Fill a Toggle Opening	To Fill a Decorator Opening	0.406 in. (10.30) Dia. Hole, To Fill a Decorator Opening	Material	Mounting Strap, with Screws	Brass Plated Screw, Standard Slot, 0.38 in. (9.7) long
Brown	**RA756**	**–**	**–**	Steel	**RA40**	**HBL7341**
Ivory	**RA756I**	**NS620I**	**NS621I**	Brass		
Light Almond	**–**	**NS620LA**	**NS621LA**			
White	**RA756W**	**NS620W**	**NS621W**			

Tamperproof Plate Screws and Screwdriver* Inches (mm)

Description	Length in. (mm)	Spanner Head Type 6-32 Thread	Spanner Head Screwdriver	Replacement Barrel Key
Spanner head stainless steel type 302/304, 6-32 thread, screws sold in carton quantities of 100	¼ in. (3.2)	**SSTP14**	**SSTPD**	**6006RKL**
	⅜ in. (9.5)	**SSTP38**		
	½ in. (12.7)	**SSTP12**		
	⅝ in. (15.9)	**SSTP58**		
	1 in. (25.4)	**SSTP1**		
	2 in. (50.8)	**SSTP2**		

*Note: * Not UL Listed or CSA Certified.*

RW51470

RW51550

RW51040

1-Gang Weatherproof Covers for Vertical Mounting Inches (mm)

Description	Product Dimensions Height x Width x Depth	Catalog Number
Zinc die cast, gray, duplex cover for box mounting	4.58 in. x 2.82 in. x 0.57 in. (116.3 x 71.6 x 14.5)	**RW51470**
Zinc die cast, gray, 1.40 in. (35.6) cover for single receptacle or toggle switch for device mounting	4.56 in. x 2.81 in. x 0.88 in. (115.8 x 71.4 x 22.4)	**RW51550***
Zinc die cast, gray, GFCI, surge and decorator cover for device mounting	4.58 in. x 2.81 in. x 0.57 in. (116.3 x 71.4 x 14.5)	**RW51040**

RW51810

RW51520

RW51020

1-Gang Weatherproof Covers for Horizontal Mounting Inches (mm)

Description	Product Dimensions Height x Width x Depth	Catalog Number
Zinc die cast, gray, duplex cover for device mounting	2.82 in. x 4.57 in. x 0.79 in. (71.6 x 116.1 x 20.1)	**RW51810**
Zinc die cast, gray, 1.40 in. (35.6) cover for single receptacle or toggle switch for device mounting	2.81 in. x 4.56 in. x 0.99 in. (71.4 x 115.8 x 25.1)	**RW51520***
Zinc die cast, gray, GFCI, surge and decorator cover for device mounting	2.82 in. x 4.56 in. x 0.52 in. (71.6 x 115.8 x 13.2)	**RW51020**

RW51320

RW51330

RW51380

RW51450

2-Gang Weatherproof Covers for Vertical Mounting Inches (mm)

Description	Product Dimensions Height x Width x Depth	Catalog Number
Zinc die cast, gray, duplex cover for device mounting	4.54 in. x 4.54 in. x 0.75 in. (115.3 x 115.3 x 19.1)	**RW51320**
Zinc die cast, gray, one duplex/one GFCI, surge and decorator cover for box mounting	4.54 in. x 4.54 in. x 0.77 in. (115.3 x 115.3 x 19.6)	**RW51330**
Zinc die cast, gray, 1.40 in. (35.6) cover for single receptacle or toggle switch for device mounting	4.54 in. x 4.54 in. x 0.77 in. (115.3 x 115.3 x 19.6)	**RW51380**
Zinc die cast, gray, two GFCI, surge and decorator cover for box mounting	4.54 in. x 4.56 in. x 0.73 in. (115.3 x 115.8 x 18.5)	**RW51450**

Note: All weatherproof plates are UL Listed for WET LOCATIONS WITH COVER CLOSED, for intermittent use in wet locations or use in damp locations. All plates are gasketed and self-closing.
**cULus Listed.*

1-Gang Die Cast Aluminum Covers, Vertical Mount Inches (mm)

Description	Catalog Number
1.62 in. (41.1) dia. opening, 20 and 30 amp, locking receptacle	**7420B**
2.15 in. (54.6) dia. opening, 30 and 50 amp, 3-wire power receptacle	**7427B**
2.31 in. (58.7) dia. opening for “MBWP” inlet	**7429B**
20 amp power interrupting, locking receptacle	**23007**
30 amp power interrupting, locking receptacle, lift cover	**20405**
50 amp standard locking receptacle	**7770**

7420B

23007

7770

1-Gang Non-Metallic Cover, Vertical Mount for Flanged Devices

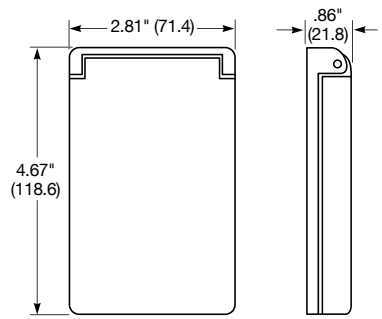
Description	Catalog Number
Yellow fiberglass weatherproof plate with lift lid for 50 amp locking receptacles, fits F.S. and F.D. boxes	**7774CR**

7774CR

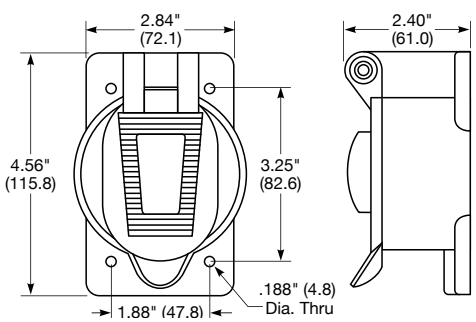
Catalog Number for Receptacles in Groups Inches (mm)

Boss Diameter 1.36 in. to 1.39 in. (34.5 to 35.3)		Boss Diameter 1.55 in. to 1.58 in. (39.4 to 40.1)				Boss Diameter 1.68 in. to 1.72 in. (42.7 to 43.7)	Boss Diameter 2.09 in. to 2.13 in. (53.1 to 54.1)	Boss Diameter 2.28 in. to 2.44 in. (57.9 to 62.0)
5261	**8310**	**70520FR**	**71220FR**	**71820FR**	**3330**	**9530FR**	**3771**	**CS6369L**
5251	**7250**	**70620FR**	**71030FR**	**71920FR**	**3430**	**9630FR**	**7379**	**CS6370L**
5661	**5284**	**70720FR**	**71130FR**	**72020FR**	**3520**	**9303**	**3769**	**CS8169L**
5361	**5258**	**70820FR**	**71230FR**	**71830FR**	**7410**	**9306**	**6369CR**	**CS8269L**
5351	**5684**	**70920FR**	**71330FR**	**71930FR**	**40045FR**	**9550FR**	**6370CR**	**CS8369L**
5461	**5384**	**70530FR**	**71420FR**	**72030FR**	**FSL1FR**	**9650FR**		**CS8469L**
4710	**5484**	**70630FR**	**71520FR**	**72120FR**	**FSL2FR**			**CS6369A**
4760	**5261IG**	**70730FR**	**71620FR**	**72220FR**	**FSL3FR**			**CS6370A**
7582	**5361IG**	**70830FR**	**71430FR**	**72320FR**	**FSL4FR**			**CS8169A**
7310	**7535**	**70930FR**	**71530FR**	**72130FR**				**CS8269A**
8210	**70615FR**	**71020FR**	**71630FR**	**72230FR**				**CS8369A**
		71120FR	**71730FR**	**72330FR**				**CS8469A**

Product Dimensions Inches (mm)



7420B



7774CR

1-Gang Non-Metallic Covers, Vertical Mount for Flanged Devices

Description	Catalog Number
Weatherproof lift cover for use with 15 amp locking flanged equipment devices (inlets and receptacles)	**WPC1**
Weatherproof lift cover for use with 20 and 30 amp locking flanged equipment devices (inlets and receptacles)	**WPC2**
Weatherproof lift cover for use with 50 amp locking non-metallic flanged inlets	**7780***

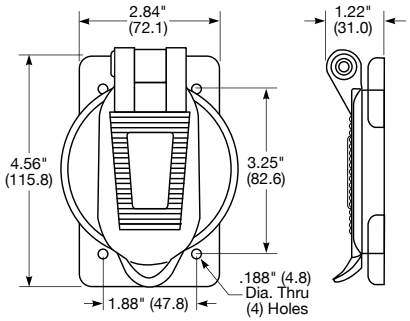
*Note: *cULus Listed only, not CSA Certified.*

Use with Flanged Inlets and Flanged Receptacles Listed Below

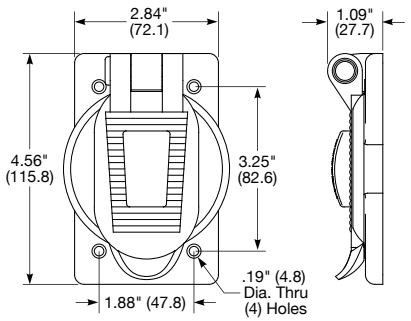
Catalog Number	Use with flanged inlets and flanged receptacles listed below							
WPC1	**4716MB**	**4715ER**	**70615MB**	**70615ER**	**4786MB**	**4785ER**	**7556MB**	**7557ER**
	8808	**8809**						
WPC2	**70520MB**	**70520ER**	**70620MB**	**70620ER**	**70720MB**	**70720ER**	**70820MB**	**70820ER**
	70920MB	**70920ER**	**70530MB**	**70530ER**	**70630MB**	**70630ER**	**70730MB**	**70730ER**
	70830MB	**70830ER**	**70930MB**	**70930ER**	**7327**	**7328**	**71020MB**	**71020ER**
	71120MB	**71120ER**	**71220MB**	**71220ER**	**71030MB**	**71030ER**	**71230MB**	**71230ER**
	71330MB	**71330ER**	**71420MB**	**71420ER**	**71520MB**	**71520ER**	**71620MB**	**71620ER**
	71430MB	**71430ER**	**71530MB**	**71530ER**	**71630MB**	**71630ER**	**71730MB**	**71730ER**
	7408MB	**7409ER**	**71820MB**	**71820ER**	**71920MB**	**71920ER**	**72020MB**	**72020ER**
	71830MB	**71830ER**	**71930MB**	**79130ER**	**72030MB**	**72030ER**	**72120MB**	**72120ER**
	72220MB	**72220ER**	**72320MB**	**72320ER**	**40045MB**	**40045ER**	**72130MB**	**72130ER**
	72230MB	**72230ER**	**72330MB**	**72330ER**				
7780	**CS6375L** **CS8375L**							

Note: Device not included.

Product Dimensions Inches (mm)



WPC2



7780

Wallplates and Covers

Non-Metallic While-In-Use Weatherproof Covers

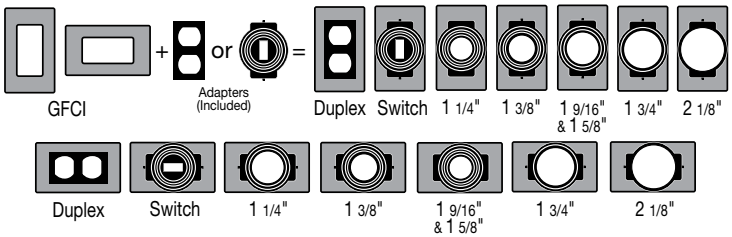
- High-impact polycarbonate construction provides maximum durability
- Patented keyhole mounting system allows installation in under a minute
- Includes attached gasket and mounting hardware
- Pre-configured for GFCI with patented knockout technology for alternate devices
- Lockable tab
- NEMA 3R rated
- EXTRA DUTY® 5800 Series covers meet or exceed the extra duty rating per UL 514D, and are NEMA 3R rated
- 2014 NEC® Compliant (Article 406.9A & B)
- cULus Listed

1-Gang Weatherproof Covers for Vertical or Horizontal Mounting

Description	Standard	EXTRA DUTY®
Non-metallic, black (standard) or gray (extra duty) with clear tinted cover, while-in-use, 16-in-1 configurations below	**RW57300**	**RW58300**
Jumbo, non-metallic, black (standard) or gray (extra duty) with clear tinted cover, while-in-use, 16-in-1 configurations below	**RW57350**	**RW58350**

RW57300

RW58300



RW57350

RW58350

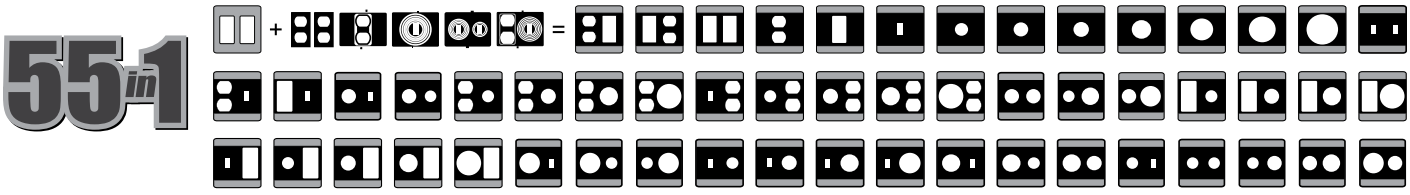
2-Gang Weatherproof Covers for Vertical or Horizontal Mounting

Description	Standard	EXTRA DUTY®
Non-metallic, black (standard) or gray (extra duty) with clear tinted cover, while-in-use, 55-in-1 configurations below	**RW57750**	**RW58750**

Note: Required by the NEC® for while-in-use outdoor power distribution. Thermoplastic covers provide protection for use in wet locations with the cover closed, NEMA® 3R rated. Meets 2014 NEC 406.9 – receptacles in damp or wet locations. Holes for padlocks are .40 inch.

RW57750

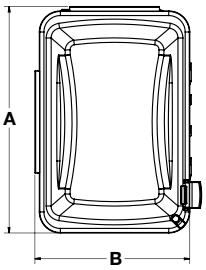
RW58750

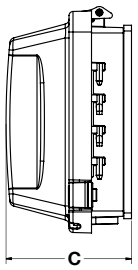


Multiple combinations of duplex, GFCI, switch, and rounds: 1 1/4", 1 3/8", 1 9/16", 1 5/8", 1 11/16", 2 1/8", 2 /4", 2 7/16"

Product Dimensions Inches (mm)

	1-Gang		Jumbo, 1-Gang		2-Gang	
	Standard	EXTRA DUTY®	Standard	EXTRA DUTY®	Standard	EXTRA DUTY®
A	5.54" (140.7)	5.90" (149.9)	5.54" (140.7)	5.92" (150.4)	5.54" (140.7)	5.54" (140.7)
B	3.79" (96.3)	4.18" (106.2)	3.79" (96.3)	4.20" (106.7)	5.43" (137.9)	5.43" (137.9)
C	3.07" (78.0)	3.00" (76.2)	5.08" (129.0)	5.10" (129.5)	3.07" (78.0)	3.07" (78.0)





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Wallplates and Covers

EXTRA DUTY® Metallic While-In-Use Covers

EXTRA DUTY® Metallic While-in-Use Covers are designed for use whenever protection is required while an outlet is in use. Covers meet or exceed the extra duty rating per UL 514D, and are NEMA® 3R rated.

- Superior commercial quality die-cast aluminum construction
- Meets or exceeds extra duty rating in UL 514D
- Unique lid design allows larger plugs and provides more room for bend radius of electrical cords
- Provision on each side for holding cords – reduces pull-outs
- Padlockable – accepts standard size padlocks
- Includes gasket and hardware
- Powder coated for corrosion protection
- Device or box mounting
- NEMA® 3R rated
- Can be installed to comply with 2014 NEC® 406.9A & B

WPB8E

WPB700E

WPB26E

1-Gang EXTRA DUTY® Metallic Covers for Vertical Mounting Inches (mm)

Description	Product Dimensions Height x Width x Depth	Catalog Number
Metallic, gray, duplex, while-in-use cover for vertical mounting	6.5 in. x 3.3 in. x 3.2 in. (165.1 x 83.8 x 81.3)	**WPB8E**
Metallic, gray, round hole 1.55" or 2.10", while-in-use cover for vertical mounting	6.5 in. x 3.3 in. x 4.5 in. (165.1 x 83.8 x 114.3)	**WPB700E**
Metallic, gray, GFCI, while-in-use cover for vertical mounting	6.5 in. x 3.3 in. x 3.2 in. (165.1 x 83.8 x 81.3)	**WPB26E**

WPB8EH

WPB26EH

1-Gang EXTRA DUTY® Metallic Covers for Horizontal Mounting Inches (mm)

Description	Product Dimensions Height x Width x Depth	Catalog Number
Metallic, gray, duplex, while-in-use cover for horizontal mounting	4.8 in. x 5.1 in. x 3.2 in. (121.9 x 129.5 x 81.3)	**WPB8EH**
Metallic, gray, GFCI, while-in-use cover for horizontal mounting	4.8 in. x 5.1 in. x 3.2 in. (121.9 x 129.5 x 81.3)	**WPB26EH**

WPB82E

WPB268E

WPB262E

2-Gang EXTRA DUTY® Metallic Covers for Vertical Mounting Inches (mm)

Description	Product Dimensions Height x Width x Depth	Catalog Number
Metallic, gray, double duplex, while-in-use cover for vertical mounting	6.5 in. x 5.1 in. x 3.2 in. (165.1 x 129.5 x 81.3)	**WPB82E**
Metallic, gray, GFCI and duplex, while-in-use cover for vertical mounting	6.5 in. x 5.1 in. x 3.2 in. (165.1 x 129.5 x 81.3)	**WPB268E**
Metallic, gray, double GFCI, while-in-use cover for vertical mounting	6.5 in. x 5.1 in. x 3.2 in. (165.1 x 129.5 x 81.3)	**WPB262E**

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Pool Pump Receptacle Kit and Generator Power Connection Kit

- 2-Gang, die cast aluminum, weatherproof box, compact design
- 2-Gang, polycarbonate, while-in-use cover, high resistance to impact and corrosion
- 20A 125V or 250V heavy duty locking receptacle
- 20A 120-277V AC switch, single pole or double pole
- Locking receptacle prevents accidental disconnection of mating pump plug
- NEMA 3R while-in-use cover, tinted lid aesthetically pleasing for any location

Pool Pump Receptacle Kit

Description	Catalog Number
20A 125V pool pump receptacle kit, includes a NEMA L5-20 locking receptacle and single pole 20A 120-277V AC switch	**PKL520***

*Note: *Includes mounting hardware, gasket, wire connector, (3) closure plugs for the ¾ inch threaded outlets and assembly instructions.*

Locking receptacle helps prevent unintentional disconnection of mating pump plug

While-in-use cover protects switch and receptacle from weather and dirt while in use, and can be locked for added security (lock not included)

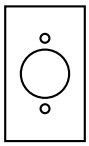
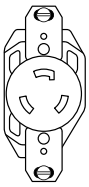
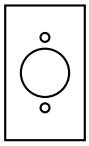
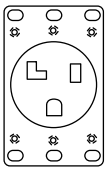
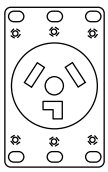
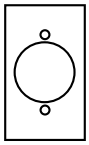
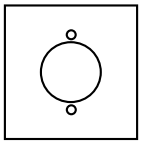
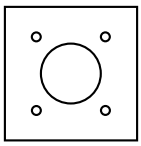
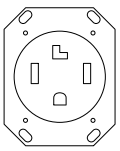
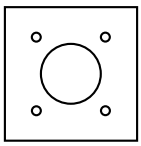
- Extra deep weatherproof box gives installers the room needed to wire the box efficiently
- State-of-the-art powder-coated finish provides years of protection against the elements
- Includes hardware, gasket and ground screw are provided
- Male inlet is securely mounted to the cover for additional durability
- Industrial grade device
- 1-Gang, cast aluminum

Generator Power Connection Kit

Description	Catalog Number
NEMA L14-30, 30A 125/250V, 3-pole 4-wire generator kit	**RB58405***

*Note: *Includes mounting hardware, gasket, ground screw, (2) closure plugs for the ¾ inch threaded outlets and assembly instructions.*

Wallplate Selection Chart for Single Receptacles Inches (mm)

Typical Receptacle		Matching Wallplate		Stainless Steel 302/304	Stainless Steel 430	Solid Brass	Hi-Impact Nylon	
							Ivory	Brown
15 or 20 amp straight blade devices	15 amp locking devices		1-Gang, single receptacle 1.40 in. (35.6) I.D. opening	**SS7**	**SS7L**	**SB7**	**NP7I**	**NP7***
	20 or 30 amp locking devices 3-wire, 4-wire or 5-wire		1-Gang, single receptacle 1.60 in. (40.6) I.D. opening	**SS720**	**—**	**SB720**	**NP720I**	**NP720***
 	30 or 50 amp 3-wire power outlets		1-Gang, power outlet 2.15 in. (54.6) I.D. opening	**SS723**	**SS723L**	**—**	**NP724I**	**NP724***
			2-Gang, power outlet 2.15 in. (54.6) I.D. opening	**SS702**	**—**	**—**	**—**	**—**
			2-Gang, 2.15 in. (54.6) I.D. opening 1.81 in. W (46.0) x 2.38 in. H (60.3) mounting	**SS703**	**SS703L**	**—**	**NP703I**	**NP703***
	30, 50 or 60 amp 3-wire power outlets		2-Gang, 2.48 in. (63.0) I.D. opening 1.81 in. W (46.0) x 2.38 in. H (60.3) mounting	**SS701**	**—**	**—**	**—**	**—**

*Note: *Catalog number indicated is Brown, for full offering of color options and materials see pages P-7 and P-8.*

Nylon, Stainless Steel and Brass Plate

Listings
Conforms to applicable NEMA® and ANSI® Standards
Meets UL Standard 514D and CSA C22.2 #42.1
UL Listed (Brass, stainless steel and nylon)
CSA Certified

Aluminum Plate Inches (mm)

Specifications	
Thickness	0.05 in. (1.3)
Mounting screws	Aluminum slotted head
Appearance	Brushed finish, clear anodized

Brass (70% Copper, 30% Zinc) Plate Inches (mm)

Specifications	
Thickness	0.04 in. (1.0)
Mounting screws	Brass (70% copper, 30% zinc), slotted screw head
Operating temperature	-40°C to 85°C
Appearance	Brushed finish

Brass-Plated Steel Plate Inches (mm)

Specifications	
Thickness	0.03 in. (0.8) nominal
Mounting screws	Brass slotted head
Appearance	Polished finish, coated to inhibit oxidation

Chrome-Plated Steel Plate Inches (mm)

Specifications	
Thickness	0.03 in. (0.8) Nominal
Mounting screws	Zinc-plated steel slotted head
Appearance	Polished finish, coated to inhibit oxidation

Nylon Plate Inches (mm)

Specifications	
Thickness	0.06 in. (1.5)
Mounting screws	Steel (painted slotted screw head)
Feature	Captive mounting screw hole, positive bow for flush mounting
Operating temperature	-40°C to 85°C
Appearance	Smooth

302/304 Stainless Steel (18% Chromium, 8% Nickel) Plate Inches (mm)

Specifications	
Thickness	.035 in. (0.9) nominal
Mounting screws	302/304 stainless steel (18% chromium, 8% nickel), slotted screw head
Appearance	Brushed finish

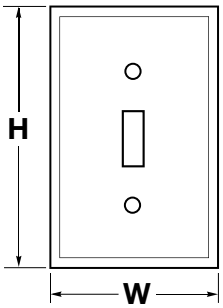
430 Stainless Steel (17% Chromium, Less than 0.50% Nickel) Plate Inches (mm)

Specifications	
Thickness	.035 in. (0.9) nominal
Mounting screws	302/304 stainless steel (18% chromium, 8% nickel), slotted screw head
Appearance	Brushed finish

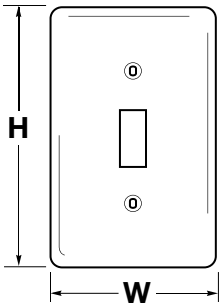
NEMA® is a registered trademark of the National Electrical Manufacturers Association.
ANSI® is a registered trademark of the American National Standards Institute.

Wallplate Dimensions

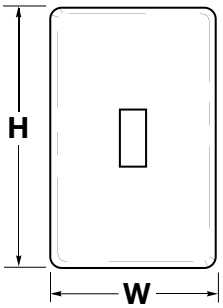
Product Dimensions Inches (mm)



Standard Metal			Painted Metal	Jumbo Metal		
Type	Height	Width	Width	Type	Height	Width
1-Gang	4.50" (114.3)	2.87" (72.9)	2.75" (69.8)	1-Gang	5.25" (133.4)	3.50" (88.9)
2-Gang	4.50" (114.3)	4.60" (116.8)	4.56" (115.8)	2-Gang	5.25" (133.4)	5.31" (134.9)
3-Gang	4.50" (114.3)	6.41" (162.8)	6.38" (162.1)			
4-Gang	4.50" (114.3)	8.22" (208.8)	8.18" (207.8)			
5-Gang	4.50" (114.3)	10.03" (254.8)	10.00" (254.0)			
6-Gang	4.50" (114.3)	11.81" (300.0)	11.81" (300.0)			
7-Gang	4.50" (114.3)	13.68" (347.5)				
8-Gang	4.50" (114.3)	15.44" (392.1)				



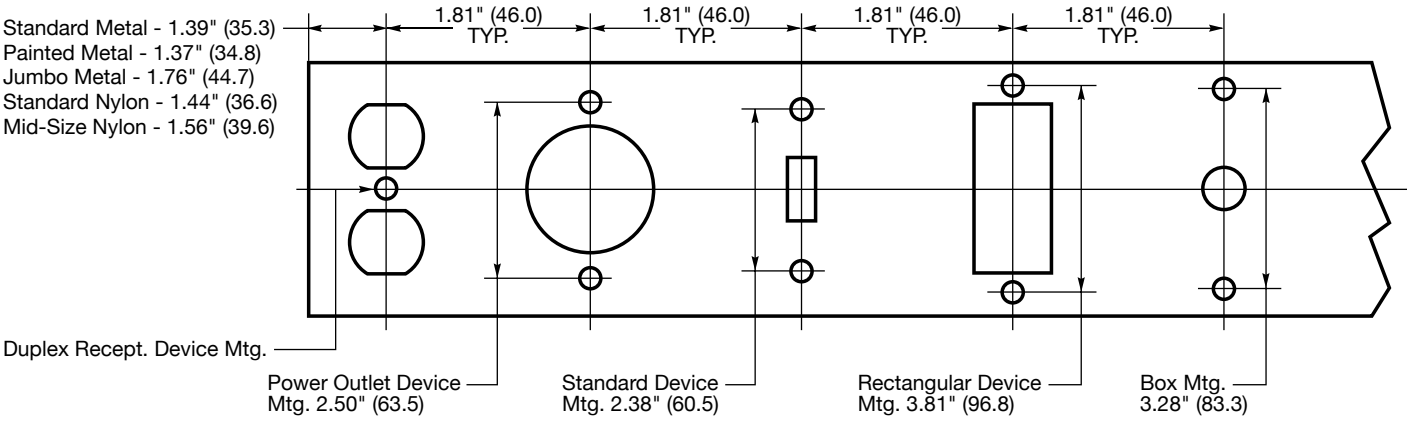
Standard Nylon			Mid-Size Nylon		
Type	Height	Width	Type	Height	Width
1-Gang	4.63" (117.6)	2.88" (73.2)	1-Gang	4.88" (124.0)	3.13" (79.5)
2-Gang	4.63" (117.6)	4.69" (119.1)	2-Gang	4.88" (124.0)	4.94" (125.4)
3-Gang	4.63" (117.6)	6.50" (165.1)	3-Gang	4.88" (124.0)	6.75" (171.5)
4-Gang	4.63" (117.6)	8.31" (211.1)	4-Gang	4.88" (124.0)	8.56" (217.4)
5-Gang	4.63" (117.6)	10.12" (256.1)			
6-Gang	4.63" (117.6)	11.93" (303.0)			



Snap-On Nylon		
Type	Height	Width
1-Gang	4.68" (118.9)	2.94" (74.7)
2-Gang	4.68" (118.9)	4.75" (120.7)
3-Gang	4.68" (118.9)	6.56" (166.6)
4-Gang	4.68" (118.9)	8.37" (212.6)
5-Gang	4.68" (118.9)	10.18" (258.6)
6-Gang	4.68" (118.9)	11.99" (304.5)

Wallplate Openings and Mounting Dimensions Inches (mm)

#6-32 Oval Head Screws Typical



Note: Specifications are subject to change without notice.

How To Select A Custom Metal Wallplate

Step 1:
Determine wallplate material and enter in box marked "Catalog Number"

Smooth Metal Material	Code
Aluminum	**AL**
Brass plated steel	**BP**
Solid brass	**BR**
Chrome plated steel	**CH**
Stainless steel 302/304	**SS**

Determine number of gangs required and enter in box marked "Catalog Number" next to material.

Number of Gangs	Code
1-Gang	**1**
2-Gang	**2**
3-Gang	**3**
4-Gang	**4**
5-Gang	**5**
6-Gang	**6**
7-Gang	**7**
8-Gang	**8**

Enter Catalog Number.

♦ **BWC*** **SS** **4**

Step 2:
Enter quantity.

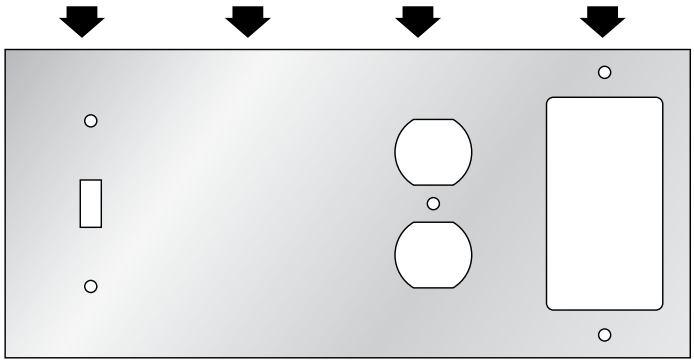
Step 3: Select the custom metal wallplate configuration.

Refer to the custom wallplate configuration chart to select a configuration for each gang in the wallplate. Each configuration has a specific 3-digit code located in the chart on page P-28. Enter this 3-digit configuration code in the corresponding box on the order form grid to match the position required on the finished custom wallplate.

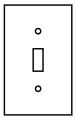
Item No.	Catalog Number	Quantity	Code	Position 1	Position 2	Position 3	Position 4
1	**BWCSS4**		**B***	**001**	**149**	**008**	**026**
2							

*Note: *BWC are preprinted on the distributor order form.*
♦ Number to use for pricing.

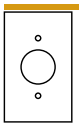
The 3-digit numbers listed in the Sample Order Form above (001, 149, etc.) represent the configuration for the custom metal wallplate selected on the right. See Configuration Chart and Bryant Configuration Selector Guide on page P-28 for additional configuration choices.



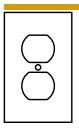
Configuration Chart Inches (mm)



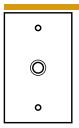
001
Toggle switch



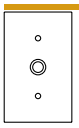
007
Single receptacle,
1.40 in. (35.6) I.D. opening



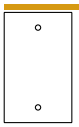
008
Duplex receptacle



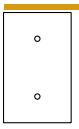
011
1- Telephone 0.64 in. (16.3) I.D. hole, box mount, 0.50 in. (12.7) I.D., nylon bushing



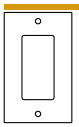
012
1- Telephone 0.64 in. (16.3) I.D. hole, strap mount, 0.50 in. (12.7) I.D., nylon bushing



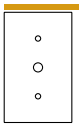
013
Blank, box mount



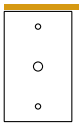
014
Blank, strap mount



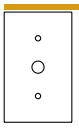
026
Decorator opening



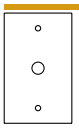
055
1-Telephone, 0.38 in. (9.7) I.D. hole, strap mount



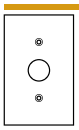
056
1- Telephone, 0.38 in. (9.7) I.D. hole, box mount



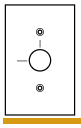
057
1- Telephone, 0.50 in. (12.7) I.D. hole, strap mount



058
1- Telephone, 0.50 in. (12.7) I.D. hole, box mount

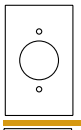


078
Barrel key switch

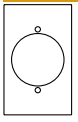


079
Barrel key switch with hash marks

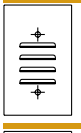
080
Barrel key switch with ON/OFF and hash marks



091
Single receptacle,
1.60 in. (40.6) I.D. opening



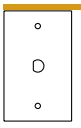
098
Single receptacle,
2.16 in. (54.7) I.D. opening



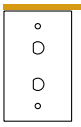
135
Louver, vertical mount

149
Blank, no mounting holes

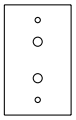
Coax/Twinax and Modular Jack Openings



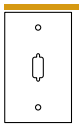
422
1- "D" hole, 0.51 in. (12.9) dia., 0.44 in. (11.2) flat, box mount
425
1- "D" hole, 0.51 in. (12.9) dia., 0.47 in. (12.0) flat, box mount
428
1- "D" hole, 0.58 in. (14.7) dia., 0.55 in. (14.0) flat, box mount
430
1- "D" hole, 0.76 in. (19.3) dia., 0.73 in. (18.5) flat, box mount



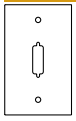
423
2- "D" hole, 0.51 in. (12.9) dia., 0.44 in. (11.2) flat, box mount
426
2- "D" hole, 0.51 in. (12.9) dia., 0.47 in. (12.0) flat, box mount
429
2- "D" hole, 0.58 in. (14.7) dia., 0.55 in. (14.0) flat, box mount
431
2- "D" hole, 0.76 in. (19.3) dia., 0.73 in. (18.5) flat, box mount



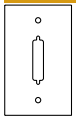
456
2- Telephone 0.38 in. (9.7) dia. hole, box mount
458
2- Telephone 0.50 in. (12.7) dia. hole, box mount
411
2- Telephone 0.64 in. (16.3) dia. hole, box mount



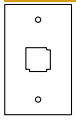
435
9-Pin, vertical box mount



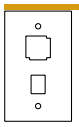
438
15-Pin, vertical box mount



295
25-Pin, vertical box mount

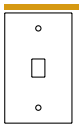


314
1- **IBM®** type opening, box mount

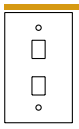


415
1- **IBM®** type opening,
1- 0.59 in. x 0.76 in. (15.0 x 19.3) opening

Voice/Data Opening



470
1- 0.54 in. x 0.75 in. (13.8 x 19.1) opening, vertical box mount
473
1- 0.59 in. x 0.76 in. (15.0 x 19.3) opening, vertical box mount
476
1- 0.59 in. x 0.82 in. (15.0 x 20.8) opening, vertical box mount
479
1- 0.58 in. x 0.78 in. (14.6 x 19.8) opening, vertical box mount



471
2- 0.54 in. x 0.75 in. (13.8 x 19.1) opening, vertical box mount
473
2- 0.59 in. x 0.76 in. (15.0 x 19.3) opening, vertical box mount
476
2- 0.59 in. x 0.82 in. (15.0 x 20.8) opening, vertical box mount
479
2- 0.58 in. x 0.78 in. (14.6 x 19.8) opening, vertical box mount

Note: For detailed dimensions of the above configurations, contact Technical Service at btechserv@hubbell.com.
Available in brushed metal, standard size only up to and including 8-gang type.
IBM® is a registered trademark of International Business Machines Corporation.

Section Q
Network Wiring

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Network Wiring

In-Wall AV Delivery

netSELECT®

- High density delivery of power, data and AV
- Stud or sheetrock mounting flexibility
- Steel construction for residential MDU and commercial applications
- Easily reconfigured to adapt to new applications

NSAV62M

NSAV6C

NSOKPS

FPTV Connection Enclosure

Inches (mm)

Description	Dimensions			Catalog Number
	Height	Width	Depth	
2-Gang in-wall enclosure	8.16" (207)	7.92" (201)	3.37" (86)	**NSAV62M**
Steel cover for NSAV6 series	7.2" (183)	7.2" (183)	0.05" (1)	**NSAV6C**
Block wall adapter				**NSAV6BW**
New work stud brackets				**NSAV6NW**

Power Kits

Description	Color	Catalog Number
Standard power kit, includes wallplate, box and 15A tamper-resistant outlet	White	**NSOKPTR**
Surge protected power kit, includes wallplate, box and surge protected outlet	Blue	**NSOKPS**

NS801W

NS802W

RR1510I

RR1512I

RR1514I

NSAV1I

NSAV2I

HDMI Frames

Description	Color	1-Gang, 1-Port	1-Gang, 2-Port
HDMI, decorator frame, female to female	Almond	**NS801AL**	**NS802AL**
	Black	**NS801BK**	**NS802BK**
	Gray	**NS801GY**	**NS802GY**
	Ivory	**NS801I**	**NS802I**
	Light Almond	**NS801LA**	**NS802LA**
	White	**NS801W**	**NS802W**

Recessed Receptacles

	15A 125V, Tamper-Resistant Duplex Receptacle		
Color	1-Gang	2-Gang with Feed-Through	2-Gang with Snap Fit
Ivory	**RR1510I**	**RR1512I**	**RR1514I**
Light Almond	**RR1510LA**	**RR1512LA**	**RR1514LA**
White	**RR1510W**	**RR1512W**	**RR1514W**

Feed-Through Plates

Color	1-Gang	2-Gang
Ivory	**NSAV1I***	**NSAV2I***
White	**NSAV1W***	**NSAV2W***

*Note: *Not UL Listed.*

HBL985

HBL986

HBL989

RR1500

Two and Three Gangable AV Wallboxes

Inches (mm)

Box	Dimensions			Top Knockouts	Bottom Knockouts	Back Knockouts	Catalog Number
	Height	Width	Depth				
2-Gang, 2" KO, 54 in³ capacity	4.21" (107)	4.06" (103)	4.0" (102)	(2) ½" (2) ½" – ¾" TKO*	(1) 1", 1¼", 1½" and 2"	(2) ½" – ¾" TKO	**HBL985**
3-Gang, 2" KO, 79 in³ capacity	4.21" (107)	5.87" (149)	4.0" (102)	(3) ½" (3) ½" – ¾" TKO*	(1) ½", (1) ½" – ¾" TKO* (1) 1", 1¼", 1½" and 2"	(3) ½" – ¾" TKO	**HBL986**

*Note: *TKO (Tangential Knockout).*

Wallbox

Description	Color	Catalog Number
2-Gang, nail-on box, thermoplastic	Blue	**RR1500**

Low Voltage AV Wallbox Partitions

Compatible With	Description	Quantity	Catalog Number
HBL985 and HBL986	Solid divider	1	**HBL989**
	With pass-thru capability	1	**HBL989AVD**

Specifications are subject to change without notice.

- Flush or surface mount enclosure (hardware provided)
- Hinged cover can be mounted to swing from either side
- Integral trim ring on hinged door
- Horizontal and vertical module mounting holes
- Unique 89D bracket mounting holes
- Integral cable management slots and tie-wraps
- Material: 20-18 gauge steel
- Finish: white, powder coat

NSOBNK14

NSOBX10

NSOBOX14

Pre-Configured Network System Kit

Description	Catalog Number
Basic home network kit includes: - One box with hinged cover NSOBOX14 - One primary 8-port telephone module NSOPTM8 - One four way coaxial splitter module NSOVM4	**NSOBNK14**

10-Inch Network Enclosure for MDU and Modular Applications Inches (mm)

Description	Height	Width	Depth	Module Unit Capacity	Catalog Number
With hinged cover	11.55" (293)	15.65" (398)	4.08" (104)	3	**NSOBX10**
With panel cover	11.07" (281)	–	4.08" (104)	3	**NSOBX10BC**
10"H box only	10.07" (256)	14.38" (365)	3.96" (101)	3	**NSOBX10B**
Hinged door	11.55" (293	15.65" (398)	0.58" (15)	–	**NSOBX10D**
Panel cover	11.07" (281)	15.50" (594)	0.20" (5)	–	**NSOBX10C**

14-Inch Network Enclosure Inches (mm)

Description	Height	Width	Depth	Module Unit Capacity	Catalog Number
With hinged cover	15.55" (395)	15.65" (398)	4.08" (104)	5	**NSOBOX14**
With panel cover	15.10" (384)	15.54" (395)	4.08" (104)	5	**NSOBOX14BC**
14"H box only	14.00" (356)	14.38" (365)	3.96" (101)	5	**NSOBOX14B**
Hinged door	15.55" (395)	15.65" (398)	0.33" (8)	–	**NSOBOX14D**
Vented door (louver)	15.55" (395)	15.65" (398)	0.52" (15)	–	**NSOBOX14DL**
Panel cover	15.11" (384)	15.54" (395)	0.20" (5)	–	**NSOBOX14C**
2"D extension bracket with ventilation and WiFi KO	15.30" (389)	15.57" (395)	2.00" (51)	–	**NSOBOX14X2**

28-Inch Network Enclosure Inches (mm)

Description	Height	Width	Depth	Module Unit Capacity	Catalog Number
With hinged cover	29.55" (751)	–	–	11	**NSOBOX28**
With panel cover	29.13" (740)	15.54" (395)	4.08" (104)	11	**NSOBOX28BC**
28"H box only	28.00" (711)	14.38" (365)	3.96" (101)	11	**NSOBOX28B**
Hinged door	29.55" (751	15.65" (398)	0.33" (8)	–	**NSOBOX28D**
Vented door (louver)	29.55" (751	15.65" (398)	0.52" (15)	–	**NSOBOX28DL**
Panel cover	29.29" (744)	15.54" (395)	0.20" (5)	–	**NSOBOX28C**
2"D extension bracket with ventilation and WiFi KOs	29.3" (744)	15.57" (395)	2.00" (51)	–	**NSOBOX28X2**

48-Inch Network Enclosure Inches (mm)

Description	Height	Width	Depth	Module Unit Capacity	Catalog Number
With hinged cover	48.94" (1243)	14.94" (379)	4.07" (103)	21	**NSOBOX48***

*Note: *Door covers rough-in, no trim ring provided.*

- Category 6 networking module component
- Hoizontal or vertical module mounting options
- DSL, VoIP and ethernet ready
- Finish: black, powder coat
- Material: 18 gauge steel or high impact plastic
- UL and cULus Listed 1863
- All data and phone modules 568A wired

NSOTVDM6

NSOPTM8

NSODM8C6

NSO6P1DM

Combination Modules

Description	Units	Catalog Number
6-port telephone panel and 6-port coaxial splitter with optional 6-port Category 5e panel provides voice, video, and data distribution in a space efficient package, perfect for use with NSOBOX10 and NS790xx plates to quickly establish a comprehensive home network		
6-port telephone and video	3	**NSOTVM6**
6-port telephone, video and Category 5e	3	**NSOTVDM6**
6-port Category 5e data upgrade kit	3	**NSODK6**

Primary Telephone Module

Description	Units	Catalog Number
8-port phone outlets with up to 4 incoming lines for voice, fax or modem applications in a protected PCB module, pre-mounted push pins snap the module quickly into place, RJ31X interface jack included for security system connection, RJ45 jack interfaces with optional NSOETM8 telephone expansion module for additional extensions	1	**NSOPTM8**

Expansion Telephone Module

Description	Units	Catalog Number
8-port adds an additional 8 phone outlets with up to 4 incoming lines when used with the primary telephone module, pre-mounted push pins snap the module quickly into place, includes RJ45 jumper cord to connect with NSOPTM8 primary telephone module	1	**NSOETM8**

Data Modules

Description	Units	Catalog Number
Category 5e data module, 8-port supports Gigabit Ethernet for up to 8 C5e data lines with front 110 punch-down terminations in a protected PCB module, pre-mounted push pins snap the module quickly into place	1	**NSODM8**
Category 6 data module, 8-port supports enhanced transmission speeds beyond Gigabit Ethernet, future-proof for tomorrows applications	1	**NSODM8C6**

Patchable Telecom Module

Description	Units	Catalog Number
Terminates lines via modular plug to accommodate flexibility by changing plug locations, reconfigure where phone lines go at the panel level, allows data lines to be converted to voice with the move of a patch cord, includes nine RJ45 jumper cords	2	**NSOMTM24**

Combination Module

Description	Units	Catalog Number
6-port telephone and 1-port Category 5e data provides basic telephone and data delivery in a small package, allows data lines to be converted to voice with the move of a patch cord	1	**NSO6P1DM**

- netSELECT® video modules support bidirectional signal by splitting to 4, 6, or 8 separate work areas
- Pre-mounted push pins snap the module quickly into place
- Supports digital and analog video finish: black, powder coat
- UL and cULus Listed 1863

NSOVM4

NSOVM8

NSOVAMP

NSOAM8

4-Way Coaxial Splitter Modules (one incoming line, four outgoing)

Description	Units	Catalog Number
1Ghz, basic unit	1	**NSOVM4**
2.3Ghz, enhanced capability	1	**NSOVM42G**

6-Way Coaxial Splitter Modules (one incoming line, six outgoing)

Description	Units	Catalog Number
1Ghz, basic unit	1	**NSOVM6**
2.3Ghz, enhanced capability	1	**NSOVM62G**

8-Way Coaxial Splitter Modules (one incoming line, eight outgoing)

Description	Units	Catalog Number
1Ghz, basic unit	1	**NSOVM8**
2.3Ghz, enhanced capability	1	**NSOVM82G**

Fixed Video Amplifier Module (120 Volt rated)

Description	Units	Catalog Number
Provides 10dB video signal amplification for incoming cable feeds recommended for use when more than four outputs are installed or when signal level is low, provides 10dB forward path gain and supports current digital cable systems and modems with a passive return, pre-mounted push pins snap the module quickly into place, includes RG-59 cable jumper to connect amplifier to passive video splitter	1	**NSOVAMP**

Eight Room Audio Module

Description	Units	Catalog Number
Distributes audio from an amplifier to matching volume controllers, supports up to eight rooms of audio, power handling – 200W RMS@20° C, requires impedance matching volume controls (see page Q-6)	1	**NSOAM8**

Blank Module Plate

Description	Units	Catalog Number
Allows mounting of active components (i.e. switches, routers) or other devices (66 blocks, audio components) onto a modular platform, can be custom drilled or used with two self-adhesive VELCRO® strips included to mount components onto module, pre-mounted push pins snap the module quickly into place	1	**NSOBM**

VELCRO® is a registered trademark of Velcro Industries B.V.

NSP5E12

NSP624

NSP648

- Reliable, efficient design
- Inline terminations
- TIA 568-C.2 category 5e/6 component compliant
- cULus Listed

Universal Consolidation Blocks and Patch Panels Inches (mm)

Ports	Category	Height	Width	Depth		Type	Catalog Number	
				Category 5e	Category 6		Category 5e	Category 6
12	5e	10.00" (254)	3.30" (84)	1.79" (45)	1.79" (45)	Consolidation Block	**NSP5E12**	**NSP612**
24	5e	1.72" (44)	19.00" (483)	1.24" (31)	1.21" (31)	Patch Panel	**NSP5E24**	**NSP624**
48	5e	3.47" (88)	19.00" (483)	1.24" (31)	1.21" (31)	Patch Panel	**NSP5E48**	**NSP648**

HC5EBK03

Cable construction:

- Conductor: #24 AWG UTP
- Jacket: flame-retardant PVC – CM rated
- TIA-568-C.2 Category 5e and 6 component compliant
- UL Listed 1863

NEXTSPEED® Category 6 Patch Cords

Length	Black	Blue	Gray	Green	Orange	Purple	Red	White	Yellow
1'	**HC6BK01**	**HC6B01**	**HC6GY01**	**HC6GN01**	**HC6OR01**	**HC6P01**	**HC6R01**	**HC6W01**	**HC6Y01**
3'	**HC6BK03**	**HC6B03**	**HC6GY03**	**HC6GN03**	**HC6OR03**	**HC6P03**	**HC6R03**	**HC6W03**	**HC6Y03**
5'	**HC6BK05**	**HC6B05**	**HC6GY05**	**HC6GN05**	**HC6OR05**	**HC6P05**	**HC6R05**	**HC6W05**	**HC6Y05**
7'	**HC6BK07**	**HC6B07**	**HC6GY07**	**HC6GN07**	**HC6OR07**	**HC6P07**	**HC6R07**	**HC6W07**	**HC6Y07**
10'	**HC6BK10**	**HC6B10**	**HC6GY10**	**HC6GN10**	**HC6OR10**	**HC6P10**	**HC6R10**	**HC6W10**	**HC6Y10**
15'	**HC6BK15**	**HC6B15**	**HC6GY15**	**HC6GN15**	**HC6OR15**	**HC6P15**	**HC6R15**	**HC6W15**	**HC6Y15**
20'	**HC6BK20**	**HC6B20**	**HC6GY20**	**HC6GN20**	**HC6OR20**	**HC6P20**	**HC6R20**	**HC6W20**	**HC6Y20**
25'	**HC6BK25**	**HC6B25**	**HC6GY25**	**HC6GN25**	**HC6OR25**	**HC6P25**	**HC6R25**	**HC6W25**	**HC6Y25**

NEXTSPEED® Category 5e Patch Cords

Length	Black	Blue	Gray	Green	Orange	Purple	Red	White	Yellow
1'	**HC5EBK01**	**HC5EB01**	**HC5EGY01**	**HC5EGN01**	**HC5EOR01**	**HC5EP01**	**HC5ER01**	**HC5EW01**	**HC5EY01**
3'	**HC5EBK03**	**HC5EB03**	**HC5EGY03**	**HC5EGN03**	**HC5EOR03**	**HC5EP03**	**HC5ER03**	**HC5EW03**	**HC5EY03**
5'	**HC5EBK05**	**HC5EB05**	**HC5EGY05**	**HC5EGN05**	**HC5EOR05**	**HC5EP05**	**HC5ER05**	**HC5EW05**	**HC5EY05**
7'	**HC5EBK07**	**HC5EB07**	**HC5EGY07**	**HC5EGN07**	**HC5EOR07**	**HC5EP07**	**HC5ER07**	**HC5EW07**	**HC5EY07**
10'	**HC5EBK10**	**HC5EB10**	**HC5EGY10**	**HC5EGN10**	**HC5EOR10**	**HC5EP10**	**HC5ER10**	**HC5EW10**	**HC5EY10**
15'	**HC5EBK15**	**HC5EB15**	**HC5EGY15**	**HC5EGN15**	**HC5EOR15**	**HC5EP15**	**HC5ER15**	**HC5EW15**	**HC5EY15**
20'	**HC5EBK20**	**HC5EB20**	**HC5EGY20**	**HC5EGN20**	**HC5EOR20**	**HC5EP20**	**HC5ER20**	**HC5EW20**	**HC5EY20**
25'	**HC5EBK25**	**HC5EB25**	**HC5EGY25**	**HC5EGN25**	**HC5EOR25**	**HC5EP25**	**HC5ER25**	**HC5EW25**	**HC5EY25**

Note: Category 5e and 6 are made-to-order lengths are available from 30 ft. to 100 ft. in 5 ft. increments.

Snap-On Plugs

- All plug contacts 50 micro-inch gold-plated
- IDC wire contacts
- Plastic: 94V-0 rated
- For voice applications
- For solid cable

Snap-On Modular Plug

Description	AWG	Catalog Number
Snap-on, 8-position modular plug	#24 to #26	**BRFTP4P**

- netSELECT® accessories enhance system capabilities
- Volume controls expand home audio applications
- Cabinet mounted receptacle kits provide convenient power to the enclosure
- Audio controls available in slide or rotary
- Receptacles available in surge and standard kits

NSOSAVC

NSORAVC

FLOCK1

NSOFSB

FSPFP6X

Slide Audio Volume Controller

Description	Color	Catalog Number
Decorator styling, power handling 70W RMS@20°C, impedance matching for up to 8 pairs of speakers, includes both ivory and white slides and frames	Ivory/White	**NSOSAVC**

Rotary Audio Volume Controller

Description	Color	Catalog Number
Power handling 70W RMS@20°C, impedance matching for up to 8 pairs of speakers, includes both ivory and white knobs and frames	Ivory/White	**NSORAVC**

Surge Suppression Power Kit

Description	Catalog Number
Includes surge receptacle 15A 125V, NEMA 5-15R, 240 joules/15,000A protection, per mode, electrical steel box and wallplate	**NSOKPS***

*Note: *Not UL or cULus Listed.*

Panel Bracket Adapter

Description	Catalog Number
For use with adapter panels shown below and FSP series modules on page G11, snap mounts into structured cabling enclosures	**NSOFSB**

Standard Power Kit

Description	Catalog Number
Includes duplex receptacle 15A 125V, NEMA 5-15R electrical steel box and wallplate	**NSOKPTR**

F-Connector Adapter Panel

Description	Catalog Number
F-connector adapter panel with six populated coaxial connectors	**FSPFP6X**

Lock Kit

Description	Catalog Number
Chromed steel, includes two keys, eliminates unwanted tampering	**FLOCK1***

*Note: *Not UL or cULus Listed.*

Keystone Adapter Panel

Description	Catalog Number
Features six blank openings for jacks and snap fits	**FSPHD6X**

netSELECT® Voice/Data Jacks provide for a wide range of applications ranging from high performance data demands of Cat. 6 and Cat. 5e, to simple voice grade USOC jacks.

- Easy to terminate angled wiring towers
- Meets FCC part 68
- Meets and exceeds ANSI/TIA - Category 6 and Category 5e standards
- UL Listed and CSA Certified

NSJ6W

NSJ5EW

NSJUW

netSELECT® Category 6, 5e and USOC Jacks

Color	Modular Snap Fit Cat. 6 Jack (single)	Modular Snap Fit Cat. 6 Jack (25 pack)	Modular Snap Fit Cat. 5e Jack (single)	Modular Snap Fit Cat. 5e Jack (25 pack)	Modular Snap Fit USOC Jack
Black	**NSJ6BK**	**NSJ6BK25**	**NSJ5EBK**	**NSJ5EBK25**	**NSJUBK**
Blue	**NSJ6B**	**NSJ6B25**	**NSJ5EB**	**NSJ5EB25**	**NSJUB**
Gray	**NSJ6GY**	**NSJ6GY25**	**NSJ5EGY**	**NSJ5EGY25**	**NSJUGY**
Green	**NSJ6GN**	**NSJ6GN25**	**NSJ5EGN**	**NSJ5EGN25**	**NSJUGN**
Ivory	**NSJ6I**	**NSJ6I25**	**NSJ5EI**	**NSJ5EI25**	**NSJUI**
Light Almond	**NSJ6LA**	**NSJ6LA25**	**NSJ5ELA**	**NSJ5ELA25**	**NSJULA**
Orange	**NSJ6OR**	**NSJ6OR25**	**NSJ5EOR**	**NSJ5EOR25**	**NSJUOR**
Red	**NSJ6R**	**NSJ6R25**	**NSJ5ER**	**NSJ5ER25**	**NSJUR**
White	**NSJ6W**	**NSJ6W25**	**NSJ5EW**	**NSJ5EW25**	**NSJUW**
Yellow	**NSJ6Y**	**NSJ6Y25**	**NSJ5EY**	**NSJ5EY25**	**NSJUY**

SFC6BK

SFC5EW

SF5ECOGY

SFHC14BK

HDMIC14

HDMIT14

RJ-45 Couplers

Female to Female Couplers

Housing Color	Category 6, Pass-Thru	Category 5e, Pass-Thru	Category 5e, Cross Over 10/100BASE-T
Black	**SFC6BK**	**SFC5EBK**	–
Gray	–	–	**SF5ECOGY**
White	**SFC6W**	**SFC5EW**	–

HDMI 1.4 Connectors for IMB and ISFB Series Blanks

Color	HDMI Keystone Feed-Thru	HDMI Feed-Thru Coupler	HDMI Feed-Thru 3-Inch Tail
Black	**SFHC14BK**	**HDMIC14**	**HDMIT14**
White	**SFHC14W**	–	–

SFUSBAA3BK

SFUSBAA3BK

SFUSBAAB

SFUSBABOW

USB Connectors

Pass-Thru, Female to Female Couplers

Housing Color	USB 3.0, A to A	USB 3.0, A to B	USB 2.0, A to A	USB 2.0, A to B
Black	**SFUSBAA3BK**	**SFUSBAB3BK**	–	–
Blue	–	–	**SFUSBAAB**	**SFUSBABB**
Office White	–	–	**SFUSBAAOW**	**SFUSBABOW**
White	–	–	**SFUSBAAW**	**SFUSBABW**

HDPC03BK

HDH10BK

HDL10BK

HDC10BK

HDMI Non-Active Horizontal Patch Cords

Black, Non-Plenum, #24 AWG

HDMI Device Patch Cords		In-Wall Cords, (Male with Screw to Male with Screw)	Patch Cords, (Male to Male with Secure Screw)	Coupler Cords, (Male to Female)
3 Foot	6 Foot			
HDPC03BK	**HDPC06BK**	**HDHyyBK**	**HDLyyBK**	**HDCyyBK**

*Note: **yy** = Length: **10** (10'), **15** (15'), **20** (20'), **25** (25'), **30** (30').*

See page Q-12 for modules and frames.

Specifications are subject to change without notice.

SFFWX

SFFGEI

SFGRFEI

SFB10

SFRFGEI

SFSBEI10

F-Type Connectors

Pass-Thru, F/F Coupler

	Nickel	Gold			
Color	2GHz	3GHz	2GHz	Recessed	RCA to F-Connector
Almond	**SFFALX**	**SFF3GAL**	**SFFGAL**	–	–
Black	**SFFBX**	**SFF3GBK**	**SFFGBK**	**SFGRFBK**	**SFRFGBK**
Electric Ivory	**SFFEX**	**SFF3GEI**	**SFFGEI**	**SFGRFEI**	**SFRFGEI**
Gray	**SFFGX**	**SFF3GGY**	**SFFGGY**	**SFGRFGY**	**SFRFGGY**
Office White	**SFFX**	**SFF3GOW**	**SFFGOW**	**SFGRFOW**	**SFRFGOW**
White	**SFFWX**	**SFF3GW**	**SFFGW**	**SFGRFW**	**SFRFGW**

Blank Connectors and Couplers

10-Pack

Color	Blank Connector	Smooth Blank Connector
Almond	**SFBAL10**	**SFSBAL10**
Black	**SFBB10**	**SFSBBK10**
Electric Ivory	**SFBE10**	**SFSBEI10**
Gray	**SFBG10**	**SFSBGY10**
Light Almond	–	**SFSBLA10**
Office White	**SFB10**	–
White	**SFBW10**	**SFSBW10**

F-Connector Plugs

25-Pack

Termination Type	Cable Type	Catalog Number
Compression	RG6	**FRG625**
Crimp	RG6	**FRG6C25**

SF35STOW

SF35GFFOW

SFSPGBKOW

SF14SJOW

SPPBK10

SPPR10

3.5mm Stereo Jacks

Color	3.5mm to Solder	3.5mm to Screw Terminal	3.5mm Pass-Thru, F/F Coupler	3.5mm Pass-Thru, Gold, F/F Coupler
Almond	SF35SJAL	SF35STAL	SF35FFAL	SF35GFFAL
Black	**SF35SJBK**	**SF35STBK**	**SF35FFBK**	**SF35GFFBK**
Electric Ivory	**SF35SJEI**	**SF35STEI**	**SF35FFEI**	**SF35GFFEI**
Gray	**SF35SJGY**	**SF35STGY**	**SF35FFGY**	**SF35GFFGY**
Office White	**SF35SJOW**	**SF35STOW**	**SF35FFOW**	**SF35GFFOW**
White	**SF35SJW**	**SF35STW**	**SF35FFW**	**SF35GFFW**

1/4" Stereo Jack

Solder

Color	
Almond	**SF14SJAL**
Black	**SF14SJBK**
Electric Ivory	**SF14SJEI**
Gray	**SF14SJGY**
Office White	**SF14SJOW**
White	**SF14SJW**

Speaker Post Connectors

Screw Termination, Gold

Color	Black	Red
Almond	**SFSPGBKAL**	**SFSPGRAL**
Black	**SFSPGBKBK**	**SFSPGRBK**
Electric Ivory	**SFSPGBKEI**	**SFSPGREI**
Gray	**SFSPGBKGY**	**SFSPGRGY**
Office White	**SFSPGBKOW**	**SFSPGROW**
White	**SFSPGBKW**	**SFSPGRW**

Speaker Banana Plugs

Screw Termination, Gold, 10-Pack

Black	Red
SPPBK10	**SPPR10**

Light Almond is the same color as Office White. See color chart on page V30.

SFRCBKOW

SFRCBOW

SFRCGNOW

SFRCOROW

SFRCR

SFRCW

SFRCY

RCA Connectors, Solder Termination

	Insulator Color						
Housing Color	Black	Blue	Green	Orange	Red	White	Yellow
Almond	**SFRCBKAL**	**SFRCBAL**	**SFRCGNAL**	**SFRCORAL**	**SFRCRAL**	**SFRCWAL**	**SFRCYAL**
Black	**SFRCBKBK**	**SFRCBBK**	**SFRCGNBK**	**SFRCORBK**	**SFRCRBK**	**SFRCWBK**	**SFRCYBK**
Electric Ivory	**SFRCBKEI**	**SFRCBEI**	**SFRCGNEI**	**SFRCOREI**	**SFRCREI**	**SFRCWEI**	**SFRCYEI**
Gray	**SFRCBKGY**	**SFRCBGY**	**SFRCGNGY**	**SFRCORGY**	**SFRCRGY**	**SFRCWGY**	**SFRCYGY**
Office White	**SFRCBKOW**	**SFRCBOW**	**SFRCGNOW**	**SFRCOROW**	**SFRCROW**	**SFRCWOW**	**SFRCYOW**
White	**SFRCBKW**	**SFRCBW**	**SFRCGNW**	**SFRCORW**	**SFRCRW**	**SFRCWW**	**SFRCYW**

SFRCBKREI

SFRCBREI

SFRCGREI

SFRCORREI

SFRCRREI

SFRCWREI

SFRCYREI

RCA Connectors, Pass-Thru, Recessed

	Insulator Color						
Housing Color	Black	Blue	Green	Orange	Red	White	Yellow
Almond	**SFRCBKRAL**	**SFRCBRAL**	**SFRCGNRAL**	**SFRCORRAL**	**SFRCRRAL**	**SFRCWRAL**	**SFRCYRAL**
Black	**SFRCBKRBK**	**SFRCBRBK**	**SFRCGNRBK**	**SFRCORRBK**	**SFRCRRBK**	**SFRCWRBK**	**SFRCYRBK**
Electric Ivory	**SFRCBKREI**	**SFRCBREI**	**SFRCGNREI**	**SFRCORREI**	**SFRCRREI**	**SFRCWREI**	**SFRCYREI**
Gray	**SFRCBKRGY**	**SFRCBRGY**	**SFRCGNRGY**	**SFRCORRGY**	**SFRCRRGY**	**SFRCWRGY**	**SFRCYRGY**
Office White	**SFRCBKROW**	**SFRCBROW**	**SFRCGNROW**	**SFRCORROW**	**SFRCRROW**	**SFRCWROW**	**SFRCYROW**
White	**SFRCBKRW**	**SFRCBRW**	**SFRCGNRW**	**SFRCORRW**	**SFRCRRW**	**SFRCWRW**	**SFRCYRW**

SFRCBKFFEI

SFRCBFFEI

SFRCGFFEI

SFRCORFFEI

SFRCRFFEI

SFRCWFFEI

SFRCYFFEI

RCA Connectors, Pass-Thru, Gold, Female to Female Coupler

	Insulator Color						
Housing Color	Black	Blue	Green	Orange	Red	White	Yellow
Almond	**SFRCBKFFAL**	**SFRCBFFAL**	**SFRCGNFFAL**	**SFRCORFFAL**	**SFRCRFFAL**	**SFRCWFFAL**	**SFRCYFFAL**
Black	**SFRCBKFFBK**	**SFRCBFFBK**	**SFRCGNFFBK**	**SFRCORFFBK**	**SFRCRFFBK**	**SFRCWFFBK**	**SFRCYFFBK**
Electric Ivory	**SFRCBKFFEI**	**SFRCBFFEI**	**SFRCGNFFEI**	**SFRCORFFEI**	**SFRCRFFEI**	**SFRCWFFEI**	**SFRCYFFEI**
Gray	**SFRCBKFFGY**	**SFRCBFFGY**	**SFRCGNFFGY**	**SFRCORFFGY**	**SFRCRFFGY**	**SFRCWFFGY**	**SFRCYFFGY**
Office White	**SFRCBKFF**	**SFRCBFFOW**	**SFRCGNFFOW**	**SFRCORFFOW**	**SFRCRFF**	**SFRCWFF**	**SFRCYFF**
White	**SFRCBKFFW**	**SFRCBFFW**	**SFRCGNFFW**	**SFRCORFFW**	**SFRCRFFW**	**SFRCWFFW**	**SFRCYFFW**

- Provide a stylized look for a finishing touch
- Multimedia jacks insert into frame for custom configurations
- Elongated strap for better wall box mounting
- High impact-resistant thermoplastic frame
- UL Listed 1863 - Communication Circuit Accessory and CSA Certified

NS612I

NS614I

NS621I

BR106B

Q106B

NSP13I

NSP26I

Decorator Frames

Color	2-Port	3-Port	4-Port	6-Port	Adapter .406" (10.3) Dia. Hole	Adapter Blank
Black	**NS612BK**	**NS613BK**	**NS614BK**	**NS616BK**	**—**	**NS620BK**
Gray	**NS612GY**	**NS613GY**	**NS614GY**	**NS616GY**	**—**	**NS620GY**
Ivory	**NS612I**	**NS613I**	**NS614I**	**NS616I**	**NS621I**	**NS620I**
Light Almond	**NS612LA**	**NS613LA**	**NS614LA**	**NS616LA**	**NS621LA**	**NS620LA**
White	**NS612W**	**NS613W**	**NS614W**	**NS616W**	**NS621W**	**NS620W**

Note: Use NS621 series with rotary dimmers or to pull through AV or telephone cable, use NS620 series to fill an extra decorator opening or create customized openings.

1-Gang Multimedia Face Plates

Standard

Color	1-Port	2-Port	3-Port	4-Port	6-Port
Black	**NSP11BK**	**NSP12BK**	**NSP13BK**	**NSP14BK**	**NSP16BK**
Gray	**NSP11GY**	**NSP12GY**	**NSP13GY**	**NSP14GY**	**NSP16GY**
Ivory	**NSP11I**	**NSP12I**	**NSP13I**	**NSP14I**	**NSP16I**
Light Almond	**NSP11LA**	**NSP12LA**	**NSP13LA**	**NSP14LA**	**NSP16LA**
White	**NSP11W**	**NSP12W**	**NSP13W**	**NSP14W**	**NSP16W**

Midsize

Color	1-Port	2-Port	3-Port	4-Port	6-Port
Black	**NSP101BK**	**NSP102BK**	**NSP103BK**	**NSP104BK**	**NSP106BK**
Gray	**NSP101GY**	**NSP102GY**	**NSP103GY**	**NSP104GY**	**NSP106GY**
Ivory	**NSP101I**	**NSP102I**	**NSP103I**	**NSP104I**	**NSP106I**
Light Almond	**NSP101LA**	**NSP102LA**	**NSP103LA**	**NSP104LA**	**NSP106LA**
White	**NSP101W**	**NSP102W**	**NSP103W**	**NSP104W**	**NSP106W**

2-Gang Multimedia Face Plates

Standard

Color	4-Port	6-Port
Black	**NSP24BK**	**NSP26BK**
Gray	**NSP24GY**	**NSP26GY**
Ivory	**NSP24I**	**NSP26I**
Light Almond	**NSP24LA**	**NSP26LA**
White	**NSP24W**	**NSP26W**

Duplex 106 Outlet Frames

Color	2-Port	4-Port
Almond	**BR106AL**	**Q106AL**
Black	**BR106B**	**Q106B**
Electric Ivory	**BR106E**	**Q106E**
Gray	**BR106G**	**Q106G**
Office White	**BR106C**	**Q106O**
White	**BR106W**	**Q106W**

- Frames offer voice, Category 5e and Coaxial video in different configurations
- High impact-resistant thermoplastic frame
- Convenient screw down terminals
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

Molded-In Voice Data Decorator Frames

Description	One RJ11 Jack, 6-Position, 4-Conductor	One RJ11 Jack, 6-Position, 6-Conductor	Duplex RJ11 Jacks, 6-Position, 6-Conductor	Two Jack Voice Data Frame: RJ11 Jack, 6-Position, 4-Conductor / Category 5e, 8-Position, 8-Conductor
Color	Screw Terminations	Screw Terminations	Screw Terminations	Screw Terminations 110 IDC
Black	**NS770BK**	**—**	**—**	**NS784BK**
Brown	**NS770**	**NS771**	**—**	**NS784**
Gray	**NS770GY**	**—**	**—**	**NS784GY**
Ivory	**NS770I**	**NS771I**	**NS772I**	**NS784I**
Light Almond	**NS770LA**	**NS771LA**	**NS772LA**	**NS784LA**
White	**NS770W**	**NS771W**	**NS772W**	**NS784W**

Molded-In Video and Voice Decorator Frames

Description	One F-Type Coupler Bulkhead, Female to Female	Duplex F-Type Coupler Bulkhead, Female to Female	One RJ11 Jack, 6-Position, 4-Conductor, One F-Type Coupler Bulkhead, Female to Female	One Cat. 5e 110 Punch-Down, One F-Type Coupler Bulkhead, Female to Female
Color	Screw Terminations	Screw Terminations	Screw Terminations	Screw Terminations
Black	**—**	**—**	**—**	**NS785BK**
Brown	**—**	**—**	**—**	**NS785**
Gray	**—**	**—**	**—**	**NS785GY**
Ivory	**NS780I**	**NS782I**	**NS783I**	**NS785I**
Light Almond	**NS780LA**	**NS782LA**	**NS783LA**	**NS785LA**
White	**NS780W**	**NS782W**	**NS783W**	**NS785W**

Specifications are subject to change without notice.

- Provide economical alternative to wall phone outlet placement
- High impact-resistant thermoplastic plate
- Convenient screw down terminals
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

Molded-In Plates for Voice, 1-Gang

Description	One RJ11 Jack, 6-Position, 4-Conductor, Screw Terminations		One RJ11 Jack, 6-Position, 6-Conductor, Screw Terminations	Duplex RJ11 Jacks, 6-Position, 4-Conductor, Screw Terminations		Duplex RJ11 Jacks, 6-Position, 6-Conductor, Screw Terminations
Color	Standard	Mid-Size	Standard	Standard	Mid-Size	Standard
Brown	**NS730**	**NS735**	**NS732**	—	—	—
Ivory	**NS730I**	**NS735I**	**NS732I**	**NS742I**	**NS745I**	**NS744I**
Light Almond	**NS730LA**	**NS735LA**	**NS732LA**	**NS742LA**	—	—
White	**NS730W**	**NS735W**	**NS732W**	**NS742W**	**NS745W**	**NS744W**

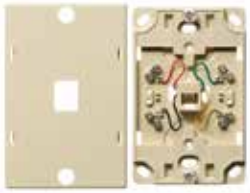
Molded-In Plates for Voice and CATV/Satellite, 1-Gang

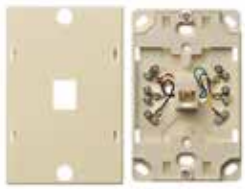
Description	One RJ11 Jack, 6-Position, 6-Conductor, One F-Type Coupler Bulkhead, Female to Female		One RJ11 Jack, 6-Position, 4-Conductor, One F-Type Coupler Bulkhead, Female to Female	One F-Type Coupler Bulkhead, Female to Female		Duplex F-Type Coupler Bulkhead, Female to Female
Color	Standard	Mid-Size	Standard	Standard	Mid-Size	Standard
Ivory	**NS748I**	**NS755I**	**NS747I**	**NS750I**	**NS751I**	**NS752I**
Light Almond	**NS748LA**	**NS755LA**	**NS747LA**	**NS750LA**	**NS751LA**	**NS752LA**
White	**NS748W**	**NS755W**	**NS747W**	**NS750W**	**NS751W**	**NS752W**

Description	One Category 5e 110 Punch-Down, One RJ11 Jack, 6-Position, 4-Conductor, One F-Type Coupler Bulkhead, Female to Female
Color	Standard
Black	**NS790BK**
Brown	**NS790**
Gray	**NS790GY**
Ivory	**NS790I**
Light Almond	**NS790LA**
White	**NS790W**

- Available in high impact-resistant thermoplastic or stainless steel
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

Telephone Wall Jacks





Description	Wall Phone Jack Quick Connect, 6-Position, 4-Conductor, Punch-Down Termination Tool Included	Wall Phone Jack, 6-Position, 4-Conductor, Screw Terminations	Wall Phone Jack, 6-Position, 6-Conductor, Screw Terminations
Ivory	**NS721I**	**NS722I**	**NS725I**
Light Almond	—	—	**NS725LA**
White	**NS721W**	**NS722W**	**NS725W**

Description	Wall Phone Jack Quick Connect, 6-Position, 4-Conductor, Punch-Down Termination Tool Included	Wall Phone Jack, 6-Position, 4-Conductor, Screw Terminations
Stainless Steel	**NS723SS**	**NS726SS**

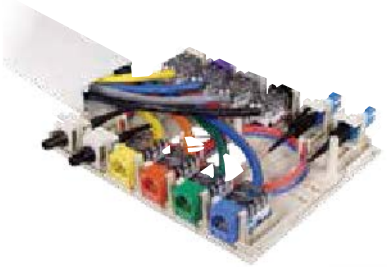
- High impact-resistant thermoplastic
- Mounts using screws or double sided tape (both included)
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

Telephone Surface Mount Jacks

Description	Telephone Surface Mount Jack, 6-Position, 4-Conductor, Screw Terminations	Telephone Surface Mount Jack, 6-Position, 6-Conductor, Screw Terminations	Multimedia 1-Port Surface Mount Box, Jack Not Included	Multimedia 2-Port Surface Mount Box, Jacks Not Included
Ivory	**NS760I**	**NS761I**	**ISB1EI***	**ISB2EI***
White	**NS760W**	**NS761W**	**ISB1W***	**ISB2W***

*Note: *cULus Listed 1863 - Communication Circuit Accessory.*
See page Q-8 for snap fit jacks.

Specifications are subject to change without notice.



- Fiber storage in 4-, 6- and 12-port versions
- 4- and 6-port versions have ratcheting tabs for adjustable furniture mounting
- 1-, 2-, 4-, 6- and 12-port configurations
- Plenum versions available cULus Listed

ISB1OW

ISB2OW

ISB4OW

ISB12OW

ISB Surface Mount Boxes

Color	1-Port	2-Port	4-Port	6-Port	12-Port
Black	**ISB1BK**	**ISB2BK**	**ISB4BK**	**ISB6BK**	**ISB12BK**
Electric Ivory	**ISB1EI**	**ISB2EI**	**ISB4EI**	**ISB6EI**	**ISB12EI**
Gray	**ISB1GY**	**ISB2GY**	**ISB4GY**	**ISB6GY**	**ISB12GY**
Office White	**ISB1OW**	**ISB2OW**	**ISB4OW**	**ISB6OW**	**ISB12OW**
White	**ISB1W**	**ISB2W**	**ISB4W**	**ISB6W**	**ISB12W**

Note: ISB surface mount boxes are not compatible with SJ shielded jacks.

- The sliding cover provides protection and longer life
- Staggered, angled openings provide proper cable exit and bend radius
- Two methods to secure cover: screw, latch or both
- Indoor or NEMA 3R weatherproof grade

TPF1OW

TPCP1GY

TWPF1GY

BRBE1

SP6F

SP6R

Secure-IT Plates, Tamper-Resistant

Color	Face Plate 1-Gang/4-Port	Cable-Thru Plate 1-Gang
Black	**TPF1BK**	**TPCP1BK**
Gray	**TPF1GY**	**TPCP1GY**
Office White	**TPF1OW**	**TPCP1OW**
White	**TPF1W**	**TPCP1W**

Secure-IT Plates, Weatherproof

Color	Face Plate 1-Gang/4-Port
Gray	**TWPF1GY**

Stainless Steel Wall Mount Phone Plates, Single Gang

Description	Color	Flush Jack	Recessed Jack
USOC jack, RJ25, 6-position	Gray	**SPUF**	**SPUR**
Category 5e jack, RJ45, 8-position	Gray	**SP5EF**	**SP5ER**
Category 6 jack, RJ45, 8-position	Gray	**SP6F**	**SP6R**
10 Gig jack, RJ45, 8-position	Gray	**SP10GF**	**SP10GR**

iSTATION
Multi-Service Frame

- Decorator versions: UL Rated for power
- One to four gang
- Compatible with all iSTATION modules and keystone connections
- Supplied with paper labels, clear covers and color-matched screw covers

iSTATION Modular Face Plate Frames

Multi-Service, Power and Low Voltage

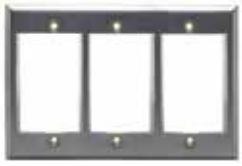
Color	1-Gang Decorator 1-Gang iSTATION	1-Gang Decorator 2-Gang iSTATION	1-Gang Decorator 3-Gang iSTATION	2-Gang Decorator 2-Gang iSTATION
Black	**IMFP1D1BK**	**IMFP1D2BK**	**IMFP1D3BK**	**IMFP2D2BK**
Electric Ivory	**IMFP1D1EI**	**IMFP1D2EI**	**IMFP1D3EI**	**IMFP2D2EI**
Gray	**IMFP1D1GY**	**IMFP1D2GY**	**IMFP1D3GY**	**IMFP2D2GY**
Office White	**IMFP1D1OW**	**IMFP1D2OW**	**IMFP1D3OW**	**IMFP2D2OW**
White	**IMFP1D1W**	**IMFP1D2W**	**IMFP1D3W**	**IMFP2D2W**

IMF1OW

IMF2OW

IMF3OW

IMSS1



IMSS3

iSTATION Modular Face Plate Frames

Single-Service, Low Voltage

Color	1-Gang	2-Gang	3-Gang	4-Gang
Black	**IMF1BK**	**IMF2BK**	**IMF3BK**	**IMF4BK**
Electric Ivory	**IMF1EI**	**IMF2EI**	**IMF3EI**	**IMF4EI**
Gray	**IMF1GY**	**IMF2GY**	**IMF3GY**	**IMF4GY**
Office White	**IMF1OW**	**IMF2OW**	**IMF3OW**	**IMF4OW**
White	**IMF1W**	**IMF2W**	**IMF3W**	**IMF4W**

iSTATION Stainless Steel Plates

1-Gang	2-Gang	3-Gang	4-Gang
IMSS1	**IMSS2**	**IMSS3**	**IMSS4**

KPIMBZOW

HBLIMFBK

HWM2KGY10

Delivery Bezels and Modules

Color	Raceway Bezel	iSTATION Bezel for Third-Party Raceway	Furniture Boxes
Black	–	–	**HBLIMFBK**
Electric Ivory	–	–	**HBLIMFI**
Gray	**KPIMBZGY**	**HWAPLGY**	**HBLIMFGY**
Office White	**KPIMBZOW**	**HWAPLOW**	–
White	–	**HWAPLW**	**HBLIMFWA**

Third-Party Raceway Modules

Unloaded, 2-Port, 10-Pack

Color	Catalog Number
Black	**HWM2KBK10**
Ivory*	**HWM2KI10**
Gray	**HWM2KGY10**
White	**HWM2KW10**

*Note: *Equivalent to Bryant Office White.*

Specifications are subject to change without notice.

IMBDSA15OW

IM1K1OW

ISFB215EI

IM2IA15OW

IM1KA15OW

IM2SCA2OW

IMB15OW

Blank HD15/9-Pin or HDMI Modules

Color	1 Unit HD15/9-Pin or HDMI	1.5 Unit Angled, HD15/9-Pin or HDMI	1.5 Unit HD15/9-Pin or HDMI with 3.5mm Stereo Jack*	2 Unit HD15/9-Pin or HDMI with 3.5mm SJ+AV Conn
Black	**IMBDS1BK**	**IMBDSA15BK**	**IMB15315BK**	**IMB153X2BK**
Electric Ivory	**IMBDS1EI**	**IMBDSA15EI**	**IMB15315EI**	**IMB153X2EI**
Gray	**IMBDS1GY**	**IMBDSA15GY**	**IMB15315GY**	**IMB153X2GY**
Office White	**IMBDS1OW**	**IMBDSA15OW**	**IMB15315OW**	**IMB153X2OW**
White	**IMBDS1W**	**IMBDSA15W**	**IMB15315W**	**IMB153X2W**

*Note: *Screw termination or solder.*

SC Angled Modules

	1.5 Unit	2 Unit
Color	1 Duplex	2 Duplex
Black	**IM1SCA15BK**	**IM2SCA2BK**
Electric Ivory	**IM1SCA15EI**	**IM2SCA2EI**
Gray	**IM1SCA15GY**	**IM2SCA2GY**
Office White	**IM1SCA15OW**	**IM2SCA2OW**
White	**IM1SCA15W**	**IM2SCA2W**

Blank HD15/9-Pin or HDMI Frames

Color	1-Port	Recessed, 1-Port	2-Port
Black	**ISFB15BK**	**ISFBR15BK**	**ISFB215BK**
Electric Ivory	**ISFB15EI**	**ISFBR15EI**	**ISFB215EI**
Gray	**ISFB15GY**	**ISFBR15GY**	**ISFB215GY**
Office White	**ISFB15OW**	**ISFBR15OW**	**ISFB215OW**
White	**ISFB15W**	**ISFBR15W**	**ISFB215W**

Blank Modules

Color	0.5 Unit	1 Unit	1.5 Unit
Black	**IMB05BK**	**IMB1BK**	**IMB15BK**
Electric Ivory	**IMB05EI**	**IMB1EI**	**IMB15EI**
Gray	**IMB05GY**	**IMB1GY**	**IMB15GY**
Office White	**IMB05OW**	**IMB1OW**	**IMB15OW**
White	**IMB05W**	**IMB1W**	**IMB15W**

Keystone Modules, Unloaded

	1 Unit		1.5 Unit			
Color	Flat, 1-Port	Flat, 2-Port	Angled, 1-Port	Angled, 2-Port	Recessed, Angled, 1-Port	Recessed, Angled, 2-Port
Black	**IM1K1BK**	**IM2K1BK**	**IM1KA15BK**	**IM2KA15BK**	**IM1IA15BK**	**IM2IA15BK**
Electric Ivory	**IM1K1EI**	**IM2K1EI**	**IM1KA15EI**	**IM2KA15EI**	**IM1IA15EI**	**IM2IA15EI**
Gray	**IM1K1GY**	**IM2K1GY**	**IM1KA15GY**	**IM2KA15GY**	**IM1IA15GY**	**IM2IA15GY**
Office White	**IM1K1OW**	**IM2K1OW**	**IM1KA15OW**	**IM2KA15OW**	**IM1IA15OW**	**IM2IA15OW**
White	**IM1K1W**	**IM2K1W**	**IM1KA15W**	**IM2KA15W**	**IM1IA15W**	**IM2IA15W**

9ST10

15ST10

SF15ST

15901

9GC10

15GC10

Screw Terminal

	HD 9-Pin	HD 15-Pin	HD 15-Pin, Keystone Front Mount
10-Pack	**9ST10**	**15ST10**	**SF15ST**

Gender Changers

Female to Female Couplers

	15-Pin, 90°	HD 9-Pin	HD 15-Pin
Single Pack	**15901**	–	–
10-Pack	–	**9GC10**	**15GC10**

IMAVB15OW

XLRST10

XLR10

SC10

USB10

14S10

iSTATION™ Audio/Video Modules (10-Pack)

Descritpion	AV Blank 1.5 Unit	XLR Screw Terminal	XLR Solder-Type	SpeakON® Connector, Solder-Type	USB Feed-Thru, A-to-B	¼" Stereo Jack, Solder-Type
Catalog Number	**IMAVB15OW***	**XLRST10**	**XLR10**	**SC10**	**USB10**	**14S10**

*Note: *Color listed is Office White, for other colors, replace "**OW**" with: "**AL**" = Almond, "**BK**" = Black, "**EI**" = Ivory, "**GY**" = Gray, "**W**" = White. Light Almond is the same color as Office White.*

speakON® is a registered trademark of Neutrik® AG.

IMCAR11015OW

IMR1101OW

IM15311015OW

SF35110BK

SFSV110BK

110 Audio/Video Modules

Extend Up to 100 Ft. (30.5m) Over Single 4-Pair UTP Cable, 1.5 Unit

Color	RCA Component Video, Left/Right Audio	RCA Component Video, 3.5mm Audio
Black	**IMCAR11015BK**	**IMC3511015BK**
Electric Ivory	**IMCAR11015EI**	**IMC3511015EI**
Gray	**IMCAR11015GY**	**IMC3511015GY**
Office White	**IMCAR11015OW**	**IMC3511015OW**
White	**IMCAR11015W**	**IMC3511015W**

110 Audio/Video Modules

Extend Up to 100 Ft. (30.5m) Over Single 4-Pair UTP Cable, 1 Unit

Color	RCA Component Video, HD, 75' max.	RCA Composite Video, Left/Right Audio, 100' max.	RCA Left/Right Audio, 100' max.
Black	**IMCR1101BK**	**IMR1101BK**	**IMAR1101BK**
Electric Ivory	**IMCR1101EI**	**IMR1101EI**	**IMAR1101EI**
Gray	**IMCR1101GY**	**IMR1101GY**	**IMAR1101GY**
Office White	**IMCR1101OW**	**IMR1101OW**	**IMAR1101OW**
White	**IMCR1101W**	**IMR1101W**	**IMAR1101W**

VGA and 3.5mm HD AV Extender

Extend Up to 75 Ft. (23m) Over Single 4-Pair UTP Cable, 1 Unit

Color	Catalog Number
Black	**IM15311015BK**
Electric Ivory	**IM15311015EI**
Gray	**IM15311015GY**
Office White	**IM15311015OW**
White	**IM15311015W**

Note: Product consists of send and receive pair.

RCA Connectors, 110 Punch-Down

Extend Up to 75 Ft. (23m) Over Single 4-Pair UTP Cable, Housing Color is Black

Insulator Color	Catalog Number
Blue	**SFRC110B**
Green	**SFRC110GN**
Red	**SFRC110R**
White	**SFRC110W**
Yellow	**SFRC110Y**

3.5mm to 110 Termination Stereo Jacks

Extend Up to 75 Ft. (23m) Over Single 4-Pair UTP Cable

Color	3.5mm to 110 Termination
Black	**SF35110BK**

S-Video Connection

Extend Up to 75 Ft. (23m) Over Single 4-Pair UTP Cable

Color	S-Video to 110 Termination
Black	**SFSV110BK**

Speaker Banana Plugs

Screw Termination, Gold, 10-Pack

Color	Catalog Number
Black	**SPPBK10**
Red	**SPPR10**

IMCRS15OW

IMRSJ1OW

IMCRF1OW

IMSP1OW

Solder Audio/Video Modules

	1.5 Unit	1 Unit		
Color	RCA Component Video with Left/Right Audio or RGBHV	RCA Component Video	RCA Composite Video with Left/Right Audio	RCA Composite Video, 3.5mm Stereo Audio Jack
Black	**IMCRS15BK**	**IMCRS1BK**	**IM3RS1BK**	**IMRSJ1BK**
Electric Ivory	**IMCRS15EI**	**IMCRS1EI**	**IM3RS1EI**	**IMRSJ1EI**
Gray	**IMCRS15GY**	**IMCRS1GY**	**IM3RS1GY**	**IMRSJ1GY**
Office White	**IMCRS15OW**	**IMCRS1OW**	**IM3RS1OW**	**IMRSJ1OW**
White	**IMCRS15W**	**IMCRS1W**	**IM3RS1W**	**IMRSJ1W**

Gold Pass-Through Audio/Video Modules

Female to Female Coupler, 1 Unit				Speaker Post
Color	RCA Component Video	RCA Composite Video with Left/Right Audio	RCA Left/Right Audio with 3.5mm Stereo Audio Jack	Black and Red, Screw Termination
Black	**IMCRF1BK**	**IM3RF1BK**	**IM35AR1BK**	**IMSP1BK**
Electric Ivory	**IMCRF1EI**	**IM3RF1EI**	**IM35AR1EI**	**IMSP1EI**
Gray	**IMCRF1GY**	**IM3RF1GY**	**IM35AR1GY**	**IMSP1GY**
Office White	**IMCRF1OW**	**IM3RF1OW**	**IM35AR1OW**	**IMSP1OW**
White	**IMCRF1W**	**IM3RF1W**	**IM35AR1W**	**IMSP1W**

Specifications are subject to change without notice.

TX4P, TPDH

HXTP25

6110MPPDT

T5PPD110

TCS3

1-Punch XJ Termination Tools

Description	Catalog Number
1-Punch Ascent tool with head, blades and HXTA termination aid	**TX4P6A**
1-Punch Ascent tool replacement head	**TX4P6AH**
1-Punch Ascent tool replacement blades	**TX4P6ABL**
1-Punch XJ tool with head, blades and HXTA termination aid	**TX4P**
1-Punch XJ replacement head	**TX4PH**
1-Punch XJ replacement blades	**TX4PHBL**
Punch down tool, 1-pair	**TPDH**
1-Pair 110 blade	**TBLH**

Note: Xcelerator jacks are compatible with Paladin Tools® "Jack Terminator" PA8111 termination tool.

1-Punch Tool for HP Series Patch Panels

Description	Catalog Number
Patch panel tool with head and blades	**TX41**
Patch panel tool replacement head	**TX414**

Communications Cable Stripper/Cutter

Description	Catalog Number
Stripper/cutter	**TCS3**

Termination Tool, 6-110/4-Pair, Category 6

Seats 6-110/4-pair connecting blocks and terminate/cut UTP cable on 6-110 wiring blocks, cut designation on tool head aids proper orientation before termination

Description	Catalog Number
Termination tool, 4-pair, 6-110 (includes head and blades)	**6110MPPDT**
Replacement tool head, 6-110 (includes blades)	**6110MPPDT1**

Note: 6-110 tool is not compatible with 1-punch termination tool.

1-Punch Termination Tool, 110/5-Pair, Category 5/5e

Seats 110 connecting blocks and terminate/cut UTP cable on 110 wiring blocks, terminates #28-22 AWG solid/stranded wire, common handle for 5-pair/110, jack and panel 1-punch

Description	Catalog Number
Punch-down tool, 5-pair head	**T5PPD110**

Termination Accessories

Description	Catalog Number
Hand termination aid "Jack Knuckles" Xcelerator/Ascent	**HXTA**
Snap-X termination puck, 25-pack	**HXTP25**
Ascent termination puck, 25-pack	**HJTP6A25**

TK8

TPDH

TBLH

TPD110

TBL110

TBL110

Tool Kit, 8-Piece

Includes: (1) punch-down tool with 110 and 66 blade, (1) pair snips, (1) 4-Bit screwdriver, (1) UTP/STP cable striper/cutter, (1) Maglite™, (1) Black belt pouch, and (1) Snap-X termination aid

Description	Catalog Number
Tool kit, 8-piece	**TK8**

1-Pair Punch-Down Tool

Cuts punch time in half by terminating a pair at a time, terminates #28-22 AWG solid/stranded wire, adjustable high and low impact settings

Description	Catalog Number
Punch-down tool with blade	**TPDH**
Replacement blade	**TBLH**

Punch-Down Tool, 110

Terminates #28-22 AWG solid/stranded wire, adjustable high and low impact settings, lanyard holes in handle

Description	Catalog Number
Punch-down tool with 110 blade	**TPD110**
Replacement 110 blade	**TBL110**
Replacement 66 blade	**TBL66**

Maglite™ is a trademark of Mag Instruments, Inc.
Paladin Tools® is a registered trademark of Textron Inc.

RJ-45 ANSI/TIA-568 Wiring Conventions

Two wiring standards were adopted. Both configurations are based on maximum transmission performance.

T568A

1: Green/White
2: Green
3: Orange/White
4: Blue
5: Blue/White
6: Orange
7: Brown/White
8: Brown

- Preferred method
- Directly compatible with 2-pair voice and token ring systems utilizing 6-position connectors

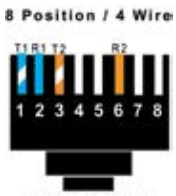
T568B

1: Orange/White
2: Orange
3: Green/White
4: Blue
5: Blue/White
6: Green
7: Brown/White
8: Brown

- Optional method
- AT&T® standard
- Directly compatible with AT&T phone systems

Wiring Conventions

Local area network (LAN) standards designed to operate over UTP specify pin/pair assignments on modular connectors for various signal transmission protocols. While T568A and T568B conventions support all these designations, there are some cases where the user chooses to cable only the number of pairs required to support these applications.

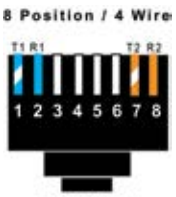


10/100BASE-T

- 10 Mbps Ethernet over UTP
- Uses only two pairs
- 100 Mbps Ethernet

Token Ring

- 4/16 Mbps token ring over copper
- Uses only two pairs



TP-PMD

- 100 Mbps FDDI over copper
- Uses only two pairs

1000BASE-T (T568A)

- 1000 Mbps Ethernet over UTP
- Uses all four pairs

USOC Conventions

Universal Service Ordering Codes (USOC) are a series of Registered Jack (RJ) wiring configurations for connection of customer premises equipment to the network. FCC regulations govern these configurations.

USOC RJ25

USOC RJ11

Color Coding

TIP		RING	
Pair 1	T1 – White/Blue	Pair 1	R1 – Blue
Pair 2	T2 – White/Orange	Pair 2	R2 – Orange
Pair 3	T3 – White/Green	Pair 3	R3 – Green
Pair 4	T4 – White/Brown	Pair 4	R4 – Brown

Section R
Technical Information

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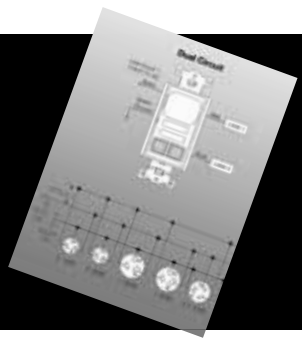

Technical Information

Codes and Standards Organizations

Certification Agencies

Primarily involved in certification of products or manufacturers to standards developed by the certification agency or by others. For convenience, the following listings define common acronyms for a variety of organizations.

ANCE National Association of Normalization and Certification of the Electrical Sector
BSI British Standards Institute
CE Self Certification Marking of European Community
CCC China Compulsory Certification
CSA Canadian Standards Association or CSA International
ETL Intertech
FM Factory Mutual
NRTL Nationally Recognized (by OSHA) Testing Laboratory
TÜV TÜV Rheinland of N.A., Inc.
UL Underwriters Laboratories Inc.
VDE Verband Deutscher Elektrotechniker (Germany)

Government Agencies

DSCC Defense Supply Center – Columbus
EU European Union
FCC Federal Communications Commission
IAPA Industrial Accident and Prevention Association (Canada)
OSHA Occupational Safety and Health Administration

Bryant Wiring Devices Qualified Under Fed. Spec. W-C-596

4700DR
4700DRCR
4700DRI
4700DRIG
4710
4721NP
4750DR
4760
4779NC
4785ER
5242
5242BLK
5242GRY
5242I
5242RED
5242W
5251
5251AL
5251BLK
5251I
5252
5252AL
5252BLK
5252BU
5252GRY
5252I
5252RED
5252W
5261
5261BLK
5261BLKWR
5261GRY
5261GRYWR
5261I
5261IGGRY
5261IGW
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5261RED
5261REDWR
5261W
5261WR
5261WWR
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5342RED
5342W
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5361IWR
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5361W
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5369B
5369BY
5461
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5461GRY
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5461RED
5461W
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5469B
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5642I
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5661I
5661RED
5661W
5666B
5669B
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70520NP
70520NP
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8210WWR
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8269T
8295T
8310
8310GRYWR
8310I
8310IWR
8310RED
8310REDWR
8310WR
8310WWR
8366T
8366TSP
8369T
8395T
8410BRN
8410W
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8466TSP
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9200IGW
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9300GRY
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BRY8200ITR
BRY8200IWR
BRY8200RED
BRY8200REDL
BRY8200REDWR
BRY8200RTR
BRY8200TR
BRY8200W
BRY8200WL
BRY8200WR
BRY8200WTR
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BRY8266NPB
BRY8269NC
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BRY8300ALTR
BRY8300GRY
BRY8300GRYWR
BRY8300GTR
BRY8300I
BRY8300IG
BRY8300ITR
BRY8300IWR
BRY8300RED
BRY8300REDWR
BRY8300RTR
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BRY8366NP
BRY8369NC
BRY8466NP
BRY8469NC
FSL1NC
FSL1NP
FSL2NC
FSL2NP
FSL3NC
FSL3NP
FSL4NC
FSL4NP
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QT5262BLK
QT5262GY
QT5262I
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QT5262R
QT5262W
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QT8200GY
QT8200I
QT8200LA
QT8200R
QT8200W
QT8300
QT8300AL
QT8300BK
QT8300GY
QT8300I
QT8300LA
QT8300R
QT8300W

Understanding Certification Marks

Certification marks vary significantly with respect to testing required to achieve a particular mark. In some cases, (i.e.: Specification Grade), no outside certification agency is involved. The manufacturer decides which of their products they wish to be so identified. The following table for 15 and 20A straight blade receptacles demonstrates these wide differences. The understanding of these marks permits the user/specifier to make more meaningful product selections.

Understanding Product Certification Marks — 15 and 20 Amp Straight Blade Receptacles.
Products that carry certification marks must meet the specific testing standards indicated.

Certification Mark	Description	UL 498	CSA, C22.2 No. 42	UL 498 Hospital Grade	CSA, C22.2 No. 42 M Hospital Grade	Fed. Spec. W-C-596
Spec Grade*	Self Certified, No Testing Required — Advertising/Trade Name					
	Used on recognized component parts that are part of a Listed product or system intended for the United States. Component "C" intended for Canada. Recognized components are intended for installation by Original Equipment Manufacturers (OEMs) within their Listed, and are not accepted by electrical inspectors for general-use field installations.	X				
	Used on recognized component parts that are part of a Listed product or system intended for the United States and Canada. Recognized components are intended for installation by Original Equipment Manufacturers (OEMs) within their Listed, and are not accepted by electrical inspectors for general-use field installations.	X				
	Products found with this mark means Underwriters Laboratories or CSA International found that representative samples of this product met Underwriters Laboratories' published Standards for Safety intended for the US market.	X				
	Products found with this mark are certified primarily for the Canadian market.		X			
	Products intended for US and Canada.	X	X			
• Hospital Grade	In addition to complying with general use requirements, this mark denotes these devise have been specially designed and are subject to additional requirements of the standards.	X		X		
• Hospital Grade	In addition to complying with general use requirements, this mark denotes these devise have been specially designed and are subject to additional requirements of the standards.		X		X	
Fed. Spec.	In addition to complying with general use grade requirements, this mark denotes receptacles also have been investigated for compliance with United States Federal Specification W-C-596.	X				X
Fed. Spec. • Hospital Grade	In addition to complying with general use and hospital grade requirements, this mark denotes receptacles also have been investigated for compliance with United States Federal Specification W-C-596.	X		X		X

Note: *Includes such variation as Premium Spec, Super Spec, etc.
** End product test also required.

Cross Reference Note

Recognize that cross reference guides supplied by some manufacturers should be used only to determine compatible devices (rating and configuration). It does not, in any way, deal with performance levels (which will vary widely by manufacturer). Common catalog numbers are often used for convenience of selection. The use of the same catalog number is solely the discretion of the manufacturer. It in no way implies compliance to any standard or testing criteria.

Wiring Device Standards

There are many different marketing terms in the electrical industry to describe the various electrical receptacles available from different manufacturers. Some of these terms include: Spec-Grade, Commercial, Heavy Duty, Industrial, Hard-Use, etc. There are no clear or universal definitions for these terms. There is no criteria established to differentiate one term from the next. Reliance solely upon these terms is not a reliable measure of performance or durability in a given application.

Underwriters Laboratories (UL) recognized a need to categorize receptacles based on application and expectations of performance. As a result, UL verifies performance to the following designations. Here are brief descriptions of each:

General Use - UL 498 – All duplex receptacles are required to meet these general requirements. Devices bearing the UL mark for general use have been tested to insure they can safely provide power in typical everyday usage (vacuum, lamps, electronics, etc.).

Fed. Spec.

Fed. Spec. - W-C-596 – The Federal Government wanted some way to determine that a receptacle performed better than average and would withstand the tougher demands of institutional use (post offices, military installations, prisons, etc.). Fed. Spec. listing identifies receptacles as having construction features, marking specifications and performance requirement (i.e., plug retention, increased cycle testing) beyond the requirements of the general use listing.

• Hospital Grade

Hospital Grade – In addition to compliance with general use requirements, Hospital Grade receptacles must meet performance criteria designed to test: ground reliability, assembly integrity, overall strength and reliability. Hospital Grade devices are marked with a green dot on their face.

Fed. Spec.
• Hospital Grade

Hospital Grade Fed. Spec. – Receptacles meeting this designation meet requirements and have completed test programs for both Fed. Spec. and Hospital Grade receptacles. All Bryant Hospital Grade devices are UL listed to this designation.

These UL designations are a better determinant of performance than marketing descriptions, for performance and durability.

Testing for Hospital Grade and Fed. Spec. Listing of Bryant Receptacles, Plugs and Connectors

All Bryant Hospital Grade products are tested regularly in our factories with Underwriters Laboratories.

Receptacles

Fed. Spec. Test: Ground Pin Retention Test - The grounding contact of the receptacle is conditioned by twenty insertions with a 0.204 inch oversized diameter pin. After conditioning, a 0.184 inch diameter pin is inserted in the grounding contact must be capable of supporting a weight of at least 4 ounces for one minute.

Fed. Spec. Test: Power Blade Retention Test - A test plug with a single oversized blade measuring 0.075 inch thick is inserted into each current carrying contact for twenty conditioning cycles. When the conditioning cycles are completed, each contact must be capable of supporting, for one minute, 1.5 pounds secured to a single 0.055 inch thick solid steel blade without holes.

HG Test: Abrupt Removal of Plug Test - A steel bodied test plug with blades made of brass is inserted into the receptacle. A 10 pound weight dropped from at least 24 inches, pulls the plug out of the receptacle abruptly. This test is done eight times with the receptacle rotated in different positions to create the greatest stress to the face and contacts. Then, with the receptacle facing down, the grounding contact must retain a 4 ounce grounding pin with a 0.184 inch diameter for one minute. After this test there shall be no breakage of the receptacle that interferes with the receptacle function or to the integrity of the enclosure.

Fed. Spec. Test: Assembly Security Test - A force of 100 pounds is applied through the slots of the receptacle into the base while the bridge is supported at its screw mounting positions. Each receptacle is then examined for damage.

Plugs and Connectors

HG Test: Impact Test – A plug or connector wired with the minimum size flexible cord is subjected to an impact from a 10 pound cylindrical weight having a flat face with a 2 inch diameter dropped from a height of 18 inches. After the test, there shall be no breakage or other damage that may effect the function of the device.

HG Test: Mechanical Drop Test – The cord connector is wired to #18 AWG flexible cord and suspended horizontally. It is released so it impacts a hardwood surface 45 inches below the point of suspension. This is repeated for 1,300 cycles. After the test, there shall be no breakage, deformation or other effect that may interfere with the function of the device.

HG Test: 500 Pound Crush Test – A wired plug or connector is placed between two hardwood slabs while subjected to a force which is progressively increased to 500 pounds. After the test, there shall be no breakage, deformation or other effect that may interfere with the function of the device.

HG Test: Strain Relief Test – While assembled to a plug or connector but not wired to the terminals; the cord must remain securely fastened after a straight pull of 30 pounds and a rotary motion within 3 inch circles with a 10 pound force applied for two consecutive hours. Displacement of conductors, insulation and outer jacket of the flexible cord shall not exceed 0.031 inch. There shall be no cuts, rips or tears in the insulation of the cord.

Technical Information

RoHS, TR, WR and IP Meanings

RoHS – Restriction of Hazardous Substances

This EU Directive, 2011/65/EU, prohibits the use of mercury, cadmium, lead, chromium VI, PBB (polybrominated biphenyls) and PBDE (polybrominated diphenyl ethers) in certain electrical products. The regulatory maximums for these items are 0.01%, by weight, for cadmium and 0.1%, by weight, for the other five items in each "homogenous unit" contained within that product. There are certain exemptions available from the RoHS requirements.

Tamper Resistant Receptacles - 406.12 (A) through (C)

Per the National Electrical Code (NEC®) Article 406.11; All 125 volt, 15 and 20 amp receptacles in dwelling units shall be a listed tamper resistant type. Dwelling units are defined as a single unit, providing complete and independent living facilities for one or more persons, including permanent provisions for living, sleeping, cooking and sanitation. Listed devices are required to have a TR marking on the face visible when installed without a cover plate.

Weather Resistant Receptacles

Per the 2014 National Electrical Code (NEC®) Article 406.9; All 125 and 250 volt, 15 and 20 amp non-locking receptacles for use in damp or wet locations shall be a listed weather resistant type. Listed devices are required to have a WR marking on the face visible when installed.

Elements of the IP Code and Their Meanings – In Accordance with Standard IEC 60529

IP Suitability Ratings are a system for classifying the degree of ingress protection provided by enclosures of electrical equipment. Generally, the higher the number, the greater the degree of protection; they apply ONLY to properly installed equipment.

Example: IP67 = Ingress Protection/Dust-Tight/Temporary Immersion

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 1 ≥ 50mm diameter 2 ≥ 12.5mm diameter 3 ≥ 2.5mm diameter 4 ≥ 1.0mm diameter 5 – Dust-protected 6 – Dust-tight	0 – Non-protected 1 – Vertically dripping 2 – Dripping (15 Tilted) 3 – Spraying 4 – Splashing 5 – Jetting 6 – Power jetting 7 – Temporary immersion 8 – Continuous immersion

The numerals stand for the following:

1. First Numeral: degree of protection for persons against access to hazardous parts inside the enclosure and/or against the ingress of solid foreign objects.
2. Second Numeral: degree of protection of equipment inside enclosures against damage from the ingress of water.

Note: ≥ Denotes greater than or equal to.

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Technical Information

Architectural Symbols For Electrical Wiring Devices

General Outlets

Ceiling	Wall	
○	-○	Lighting Outlet
Ⓑ	-Ⓑ	Blanked outlet
Ⓒ	-Ⓒ	Clock outlet (specify voltage)
Ⓓ		Deep cord
Ⓔ	-Ⓔ	Electrical outlet: for use only when circle used alone might be confused with columns, plumbing symbols, etc.
Ⓕ	-Ⓕ	Fan outlet
Ⓙ	-Ⓙ	Junction box
Ⓛ	-Ⓛ	Lamp holder
$Ⓛ_{PS}$	$-Ⓛ_{PS}$	Lamp holder with pull switch
Ⓢ	-Ⓢ	Pull switch
Ⓥ	-Ⓥ	Outlet for vapor discharge lamp
Ⓧ	-Ⓧ	Exit light outlet or light

Convenience Outlets

⇌	Duplex convenience outlet
$⇌_{1,3}$	Convenience outlet other than duplex 1-single, 3-triplex, etc.
$⇌_{WP}$	Weatherproof convenience outlet
$⇌_{R}$	Range outlet
$⇌_{S}$	Switch and convenience outlet
⇌R	Radio and convenience outlet
⇌▲	Special purpose outlet (Desc. in Spec.)
⇌▨	Floor outlet

Switch Outlets

S	Single-pole switch
S_2	Double-pole switch
S_3	3-Way switch
S_4	4-Way switch
S_D	Automatic door switch
S_E	Electrolier switch
S_K	Key operated switch
S_P	Switch and pilot lamp
S_{CB}	Circuit breaker switch
S_{WCB}	Weatherproof circuit breaker
S_{MC}	Momentary contact switch
S_{RC}	Remote control switch
S_{WP}	Weatherproof switch
S_F	Fused switch
S_{WF}	Weatherproof fused switch

Special Outlets

Any standard symbol as given above with the addition of a lower case subscript letter may be used to designate some special variation of standard equipment of particular interest in a specific set of architectural plans.

$○_{a,b,c,etc}$	When used they must be listed in the Key of Symbols on each drawing and if necessary further described in the specifications.
$⇌_{a,b,c,etc}$ $S_{a,b,c,etc}$	

Panels, Circuits and Miscellaneous

■	Lighting panel
▨	Power panel
——	Branch circuit; concealed in ceiling or wall
– – –	Branch circuit; concealed in floor
.....	Branch circuit; exposed
→→	Home run to panel board. Indicated number of circuits by number of arrows.
Note:	Any circuit without further designation indicates a 2-wire circuit. For a greater number of wires indicate as follows: /// (3-wires) //// (4-wires), etc.
▬	Feeders
Note:	Use heavy lines and designate by number of corresponding to listing in feeder schedule.
⇶	Underfloor duct and junction box. Triple system
Note:	For double or single systems eliminate one or two lines. This symbol is equally adaptable to auxiliary system layouts
Ⓖ	Generator
Ⓜ	Motor
Ⓘ	Instrument
Ⓣ	Power transformer (or draw to scale)
⊠	Controller
□	Isolating switch

Auxiliary Systems

•	Push Button	⊓	Buzzer
⊓	Bell	◇	Annunciator
◀	Outside telephone		
◁	Interconnecting telephone		
◁◁	Telephone switchboard		
Ⓣ	Bell ringing transformer		
D	Electric door opener		
F	Fire alarm bell	F	Fire alarm station
⧓	City fire alarm station		
FA	Fire alarm central station		
FS	Automatic fire alarm device		
W	Watchman's station		
W	Watchman's central station		
H	Horn		
N	Nurse's signal plug	M	Maid's signal plug
R	Radio outlet		
SC	Signal central section		
□	Interconnection box	⫼	Battery
– · – · –	Auxiliary system circuits		
$□_{a,b,c,}$	**Special Auxiliary Outlets** Subscript letters refer to notes on plans or detailed description in specifications.		

Technical Information

Materials Commonly Used in Wiring Devices and Horsepower Ratings Table

Table I – Mechanical and Electrical Properties of Materials

Properties	6/6 Nylon	6 Nylon	Polycarbonate	PC/PET	Phenolic	Urea
Tensile Strength (PSI)	11,000	6000+*	9,000	6,000	6,500-10,000	5,500-13,000
Elongation (%)	300+*	300*	130	120	0.4-0.8	0.5-1.0
Flex. Mod. (Stiffness) (PSI)	175,000*	140,000*	340,000	325,000	1,000,000	1,500,000
Izod (Notched) ft.-lb./in.	2.1*	3.0*	15.0	12.0	0.3-1.9	0.25-0.4
Hardness Rockwell	59M* 108R*	— 119R	70M 118R	— 115R	105-120M —	110-120M —
Heat Deflection Temp °F 66 PSI 264 PSI	 464 194	 370 185	 — 270	 265 260	 — 400	 — 260-290
UL Thermal Index °C Electrical Mechanical w/Impact Mechanical w/o Impact	 125 75 85	 125 75 85	 125 115 125	 105 105 105	 150 150 150	 100 100 100
Flame Class UL 94	V-2	V-2	V-2	V-0	HB-V0	HB-V0
Dielectric V/mil	600	400	380	307	200-400	300-400
Specific Gravity	1.14	1.13	1.2	1.33	1.4	1.5
UL Comparative Tracking Index (Volts)	600+	600+	250+	230	175+	600+

Note: *Conditioned to 50% relative humidity.

Table II – Chemical Resistance of Materials

Chemical	Nylon	Phenolic	Urea	Polycarbonate
Acids	C	B	B	A
Alcohol	A	A	A	B
Caustic Bases	A	B	B	C
Gasoline	A	A	C	A
Grease	A	A	A	B
Kerosene	A	A	A	A
Oil	A	A	A	B
Solvents	A	A	A	C
Water	A	A	A	A

Note: A–Completely resistant. Good to excellent, general use.
B–Resistant. Fair to good, limited service.
C–Slow attack. Not recommended for use.

Table III – Horsepower Ratings

NEMA Config.	AC HP Rating**	NEMA Config.	AC HP Rating**
1-15	0.5	L1-15	0.5
2-15	1.5	L2-20	2
2-20	2	L5-15	0.5
2-30	2	L5-20	1
5-15	0.5	L5-30	2
5-20	1	L6-15	1.5
5-30	2	L6-20	2
5-50	2	L6-30	2
6-15	1.5	L7-15	2
6-20	2	L7-20	2
6-30	2	L7-30	3
6-50	3	L8-20	3
7-15	2	L8-30	5
7-20	2	L10-20	2 L-L/1 L-N
7-30	3	L10-30	2 L-L/2 L-N
7-50	5	L11-15	2
10-20	2 L-L/1 L-N	L11-20	3
10-30	2 L-L/2 L-N	L11-30	3
10-50	3 L-L/2 L-N	L12-20	5
11-15	2	L12-30	10
11-20	3	L14-20	2 L-L/1 L-N
11-30	3	L14-30	2 L-L/2 L-N
11-50	7.5	L15-20	3
14-15	1.5 L-L/0.5	L15-30	3
14-20	L-N	L16-20	5
14-30	2 L-L/1 L-N	L16-30	10
14-50	2 L-L/2 L-N	L18-20	2
14-60	3 L-L/2 L-N	L18-30	3
15-15	3 L-L/2 L-N	L19-20	5
15-20	2	L19-30	10
15-30	3	L21-20	2
15-50	3	L21-30	3
15-60	7.5	L22-20	5
18-15	10	L22-30	10
18-20	2		
18-30	2		
18-50	3		
18-60	7.5		

Note: **The phase-to-phase horsepower ratings are noted by "L-L". The phase-to-neutral ratings are identified by "L-N".

Advantages of Nylon

Bryant nylon wiring devices provide these safety benefits:

- Excellent insulator: Shock hazards are minimized by the superior dielectric strength of nylon and the heavy-duty molded interior walls of Bryant's completely-enclosed individual wire pocket areas.
- Resistant to chemicals: Nylon provides excellent resistance to chemicals such as alcohol, caustic bases, gasoline, grease, kerosene, oil, solvents and water. See Table II.
- High impact resistance: Bryant nylon devices are designed to withstand high impact in heavy duty industrial and commercial applications. Each molded piece supports an adjacent molded piece, resulting in unsurpassed resiliency and strength.

Devices housed in neoprene, urea or phenolic materials can crack or be damaged under great pressure. Such damage can be invisible and cause direct shorts and other hazards. In the unlikely event that a nylon device is damaged, the damage can be easily detected and the device replaced.

Universal Cord Grip

Bryant's nylon plugs and connectors have a universal cord grip. One device can be used for most cord size applications. Adapter sleeves are available for flat cord and other small diameter cords. In addition to reducing the cord grip to the desired size, the sleeve helps protect the interior of the device by blocking entry of solvents, oil and other foreign matter.

Prior to 1950, Underwriters Laboratories, Inc. listed only AC/DC general use switches. These switches were designed with over-center, snap-acting mechanisms which opened the circuit by widely separating the contacts at a high speed. This was necessary because the switches were tested on DC which has a steady-state voltage.

With the introduction of AC only general use switches, it was unnecessary to have the high-powered, over-center, snap-acting mechanisms because the contacts did not have to be widely separated at high speed.

Bryant introduced, in the mid 1930's, the first AC only range switch. The experience gained in this development indicated the ideal AC switch should have a positive closing and a slow limited opening.

Positive closing is the closing of the contacts without bounce or chatter, which can occur due to the inertia of a high-speed closing of the contacts.

This is important, especially on the tungsten lamp load where, due to the low resistance of tungsten filament, an inrush current from 8 to 16 times the lighted (high resistance) rated current occurs. This inrush occurs in the first quarter cycle, 1/240 of a second, or when the contacts first close and would be bouncing (rapidly opening and closing of the circuit).

Contact bouncing, at high current, could cause considerable arcing which would dissipate the contact material and result in welding of the contacts.

Slow limited opening is the separation of the contact, under load, at a low rate and limiting the contact separation to a very small fraction of that required for DC control.

On AC, the voltage passes through zero voltage every 1/2 cycle, on 60 cycle frequency every 1/120 of a second. By opening the contacts slowly, the arc is suppressed by the zero voltage. By limiting the break, the contact gap is not ionized and air insulation prevents arc formation and restriking.

This control of the opening is essential on inductive and motor loads when, due to low power factor, voltage surges occur on opening the circuit.

Bryant AC switches are designed so the contacts are closed with controlled contact closing pressure by utilizing the flexibility of the resilient contact carrying arm.

The contacts, of a special non-oxidizing silver alloy, are opened by a simple cam operation which limits the speed and opening. The indexing of the handle is by an elastomer rocker or simple cantilever steel rod. This provides a minimum of parts, along with a solid and dependable design.

AC Test Requirements

When AC general use switches were considered by the industry and Underwriters Laboratories, Inc., thought was given to the ratings and it was decided to rate the switches in accordance with NEC® branch circuit ratings of 15, 20 and 30 amperes. It was also decided to test the switch for all the loads that could be applied to a branch circuit. Therefore, all AC switches are tested on resistance, tungsten lamp and inductive loads to 100% of switch rating.

Underwriters Laboratories Test Requirements for AC General Use Switches

In order to be listed by Underwriters Laboratories, Inc., all 15, 20 and 30 ampere AC 120/277 volt switches must perform, without failure, the following sequence of tests.

1. An overload test of 100 cycles at 4.8 times rated current and 40-50% power factor and rated voltage. This overload test is performed at 144 amps, 277 volts for 30 ampere switches, at 6 cycles per minute.
2. 10,000 cycles on a plain resistance load at full rating of 15, 20 or 30 amperes, at 277 volts at 24 cycles per minute.
3. 10,000 cycles on an inductive load of either 15, 20 or 30 amperes at 277 volts, 80% power factor at 24 cycles per minute.
4. 10,000 cycles at 15, 20 or 30 amperes, 120 volts on a tungsten filament lamp load, at 6 cycles per minute.
5. Heat rise at test-rated load. In this test, temperature rise must not exceed 30 degrees C.
6. A switch shall withstand, without breakdown, 1500V for 1 minute between live parts of opposite polarity and between live parts and dead metal parts, with the switch at the maximum operating temperature reached in intended use.

Explanation of "Horsepower" Ratings

Performance of Bryant Switches Exceed Underwriters Laboratories' Requirements.

Switches marked with Horsepower Ratings are suitable for controlling the Motor Loads of the HP ratings shown on the switch as well as for lower HP ratings.

To qualify for an HP rating, a switch is tested at six (6) times the full load Motor Current corresponding to the HP rating marked on the switch. (For DC Motor Controllers, the test is made at 10 times the full load Motor Current corresponding to the DC HP rating marked on the switch). The test consists of 50 on-off operations at this load and the test is conducted on six (6) samples. For 3/4 HP 120 volts-240 volts AC rating, two (2) sets of six (6) samples each are tested in addition to the regular overload endurance, heating and insulation tests. The test circuit characteristics are:

	For 3/4 HP 120 Volts AC	**For 3/4 HP 240 Volts AC**
Closed Circuit Volts	120 Volts AC	240 Volts AC
Current	82.8 Amps	41.4 Amps
Power-Factor	0.40-0.50	0.40-0.50

Note: Current at 240V AC is 1/2 that at 120V AC.

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).

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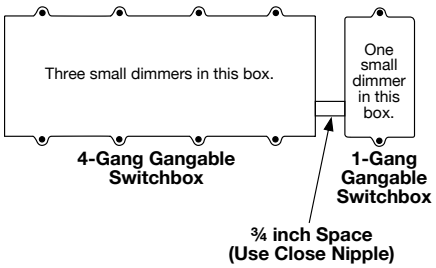
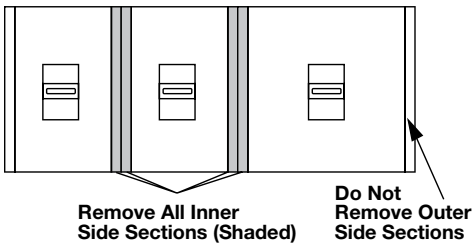
Example of 4-Gang Installation





Architectural Grade Slide and Rotary Series

Number of Switchboxes Required with Dimmer Side sections Intact

		Number of Small Controls (600W and 1000W)						
		0	**1**	**2**	**3**	**4**	**5**	**6**
Number of Large Controls (1500W and 2000W)	**0**	0	1	1+1	4	1+4	7	1+7
	1	1	3	5	6	8	9	11
	2	4	6	7	9	10	12	13
	3	6	8	10	11	13	14	16
	4	9	11	12	14	15	17	18
		Number of Gangs Required						

Note: When ganging an even number of small controls with no side sections removed (plus numbers in chart), use gangable switchboxes with tapped ears as shown below. Do not use plaster rings or gangbox covers. Space an additional switchbox ¾ in. apart from the other switchbox(es). A ¾ in. close nipple is recommended as a spacer between the switchboxes.

Number of Switchboxes Required with Side sections Removed

		Number of Small Controls (600W and 1000W)						
		0	**1**	**2**	**3**	**4**	**5**	**6**
Number of Large Controls (1500W and 2000W)	**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
		Number of Gangs Required						

Note: When removing side sections, remove only inner side sections. Do not remove side sections on outer ends of gang. The same installation rules apply to rotary dimmers (not shown).

Derating Chart

No side sections removed	**One side section removed**	**Both side sections removed**
600W	600W	500W
1000W	900W	700W
1500W	1250W	1000W
2000W	1800W	1500W

Note: When ganging any combination of small and large controls, place a small control on one extreme end of the gang, and a large control at the other end of the gang. When ganging with side sections intact, use offset mounting holes. When ganging with side sections removed, use center mounting holes. Allow a 1⁄32 in. gap (space) between controls for ease in attaching the faceplate.

Specification Grade Slide and Rotary Series

Switchboxes Required: Side sections removed

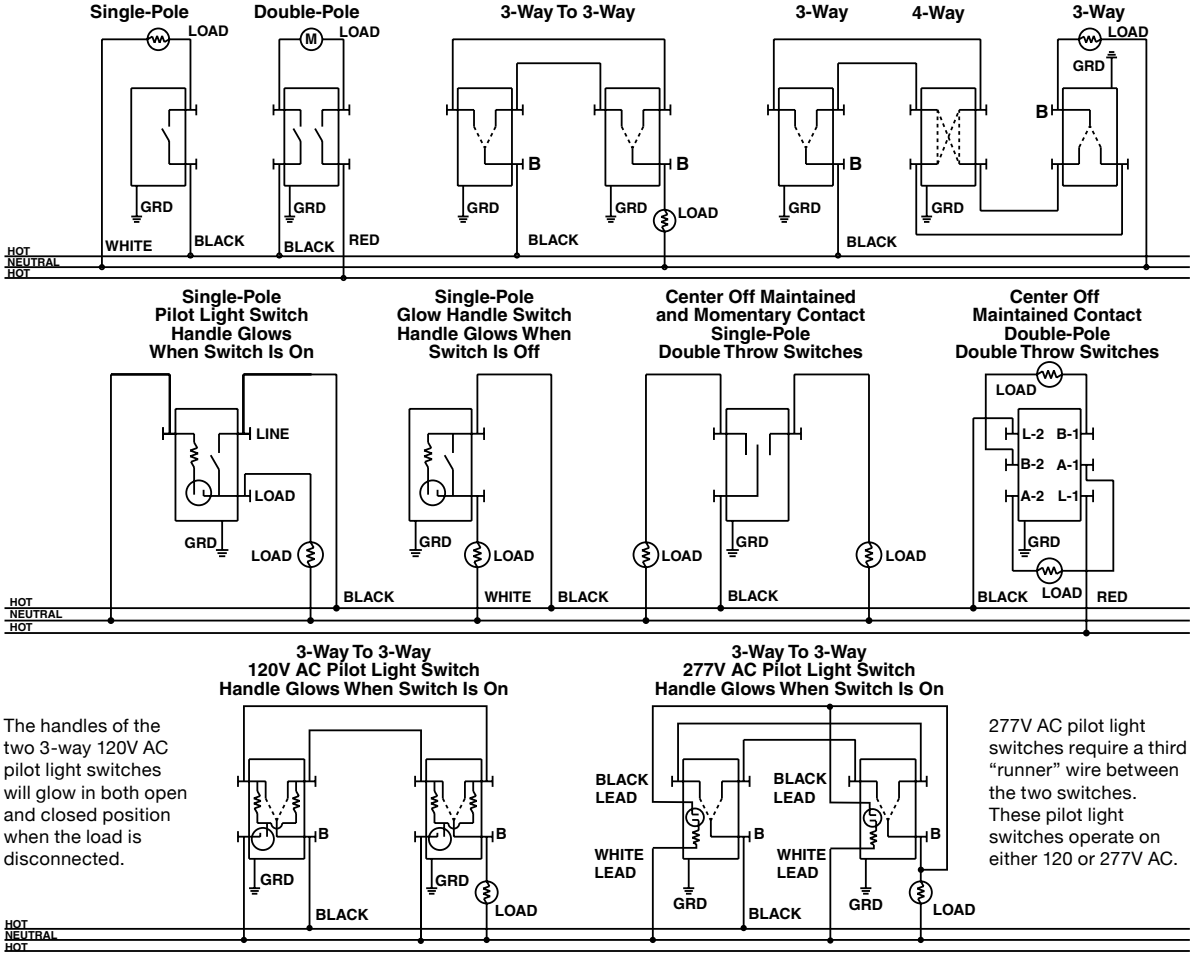
Derating Chart

1 dimmer in wall box	**2 dimmers in wall box**	**3 or more dimmers in wall box**
600W	500W	400W
1000W	800W	650W
5A fan speed	4A fan speed	3A fan speed

Technical Information

Switches Wiring Diagrams

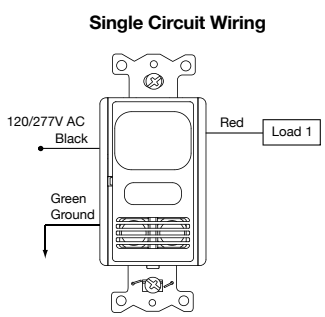
AC Switches

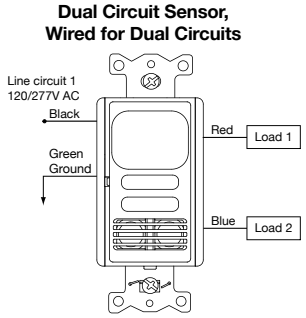


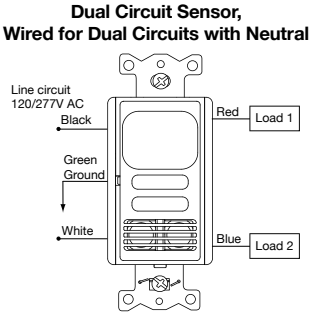
The handles of the two 3-way 120V AC pilot light switches will glow in both open and closed position when the load is disconnected.

277V AC pilot light switches require a third "runner" wire between the two switches. These pilot light switches operate on either 120 or 277V AC.

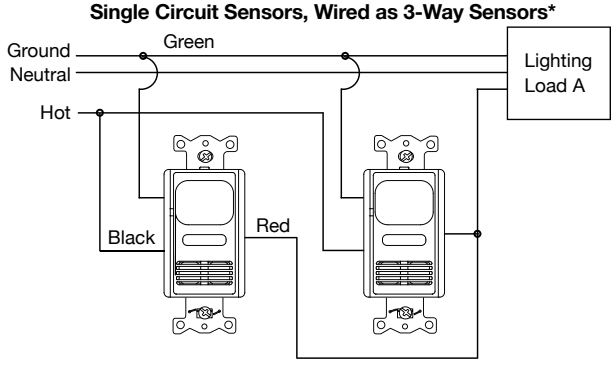
Wiring Schematic MSD and MSU Series Wall Switch Sensors

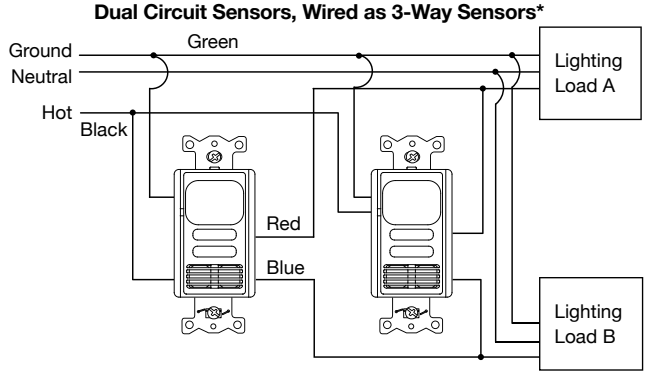






For step dimming, bi-level, and dual ballasted fixtures





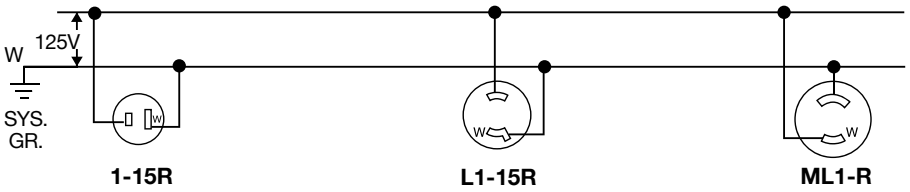
Note: *Load can not exceed the rating of one switch. Sensor is shipped with all dip switches in the OFF position (factory default).

Technical Information

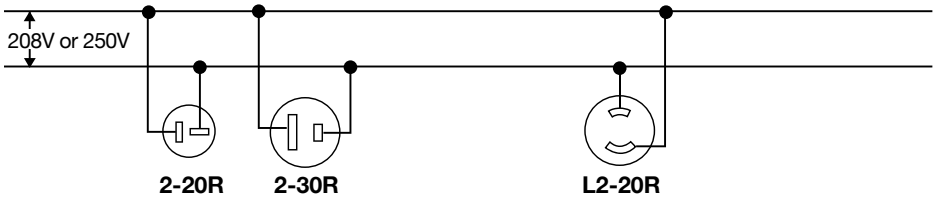
Wiring Diagrams

2-Pole 2-Wire

125V

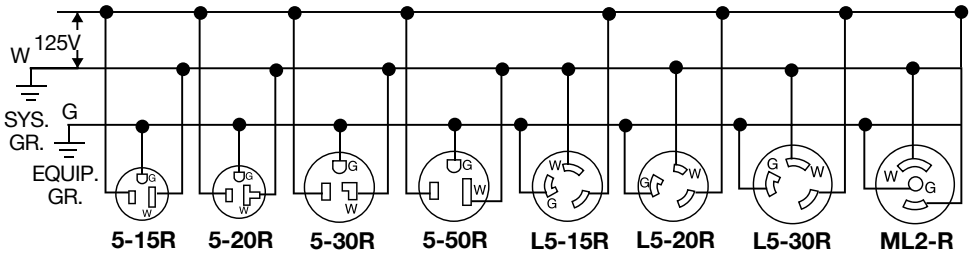


208V or 250V

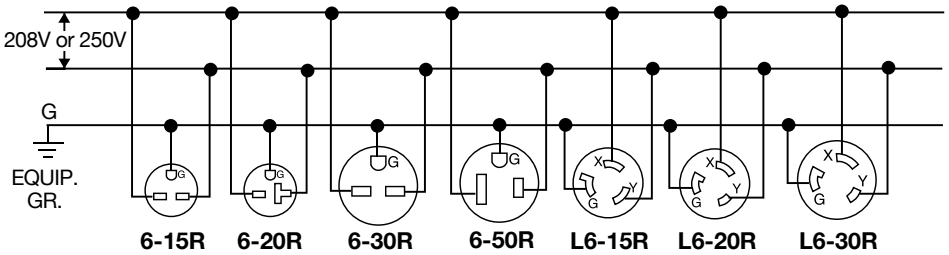


2-Pole 3-Wire Grounding

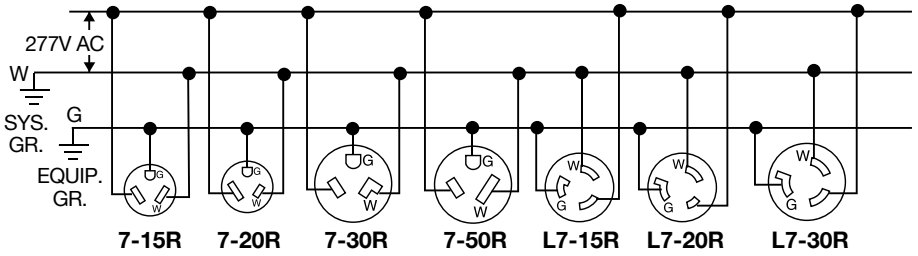
125V



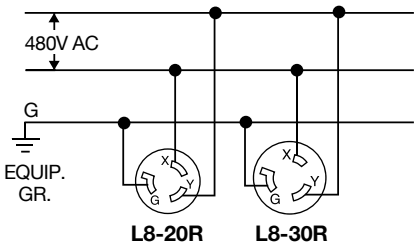
208V or 250V



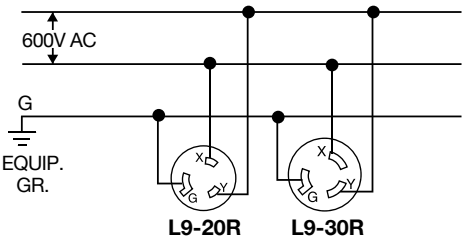
277V AC



480V AC

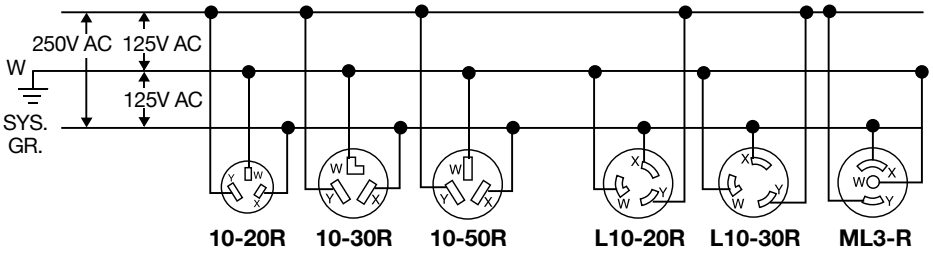


600V AC



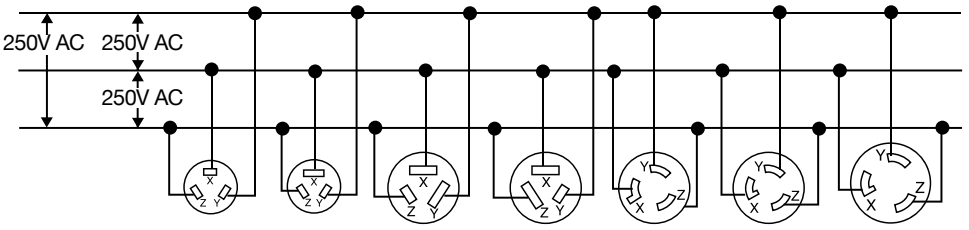
3-Pole 3-Wire

125/250V AC



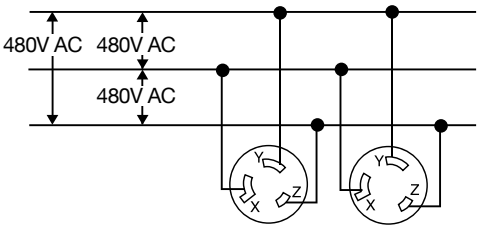
10-20R **10-30R** **10-50R** **L10-20R** **L10-30R** **ML3-R**

3Ø 250V AC



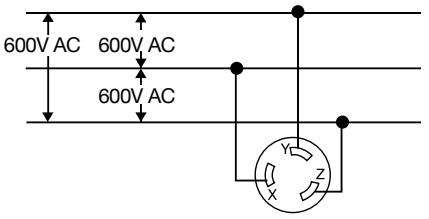
11-15R **11-20R** **11-30R** **11-50R** **L11-15R** **L11-20R** **L11-30R**

3Ø 480V AC



L12-20R **L12-30R**

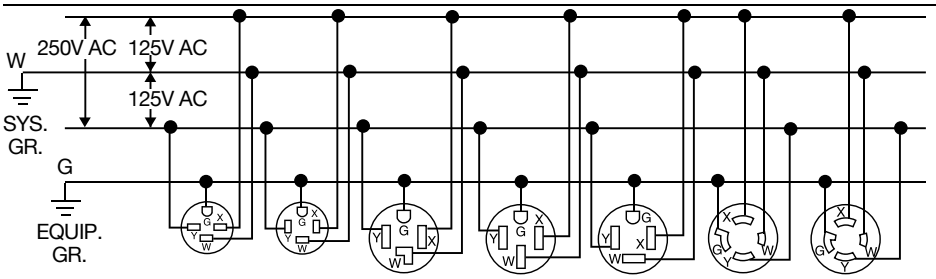
3Ø 600V AC



L13-30R

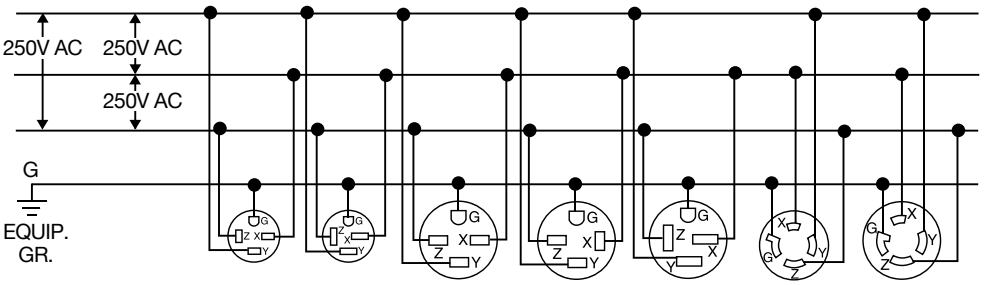
3-Pole 4-Wire Grounding

125/250V AC



14-15R **14-20R** **14-30R** **14-50R** **14-60R** **L14-20R** **L14-30R**

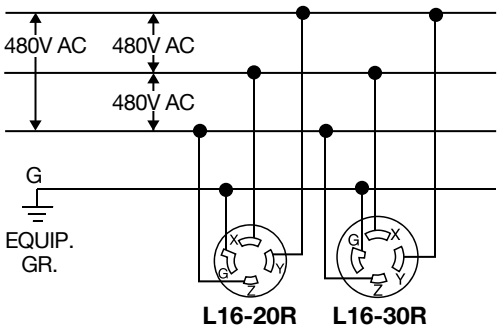
3Ø 250V AC



15-15R **15-20R** **15-30R** **15-50R** **15-60R** **L15-20R** **L15-30R**

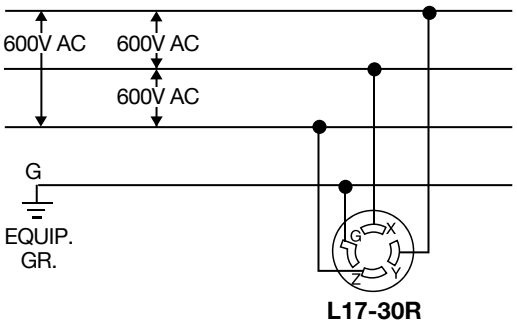
3-Pole 4-Wire Grounding

3Ø 480V AC



L16-20R **L16-30R**

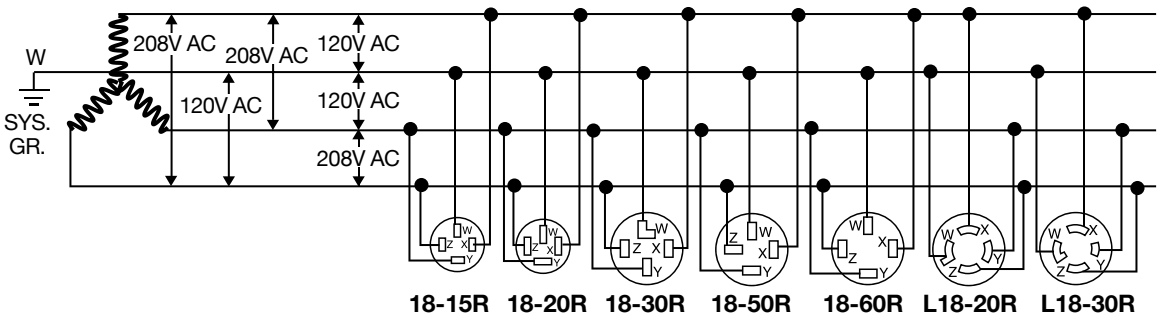
3Ø 600V AC



L17-30R

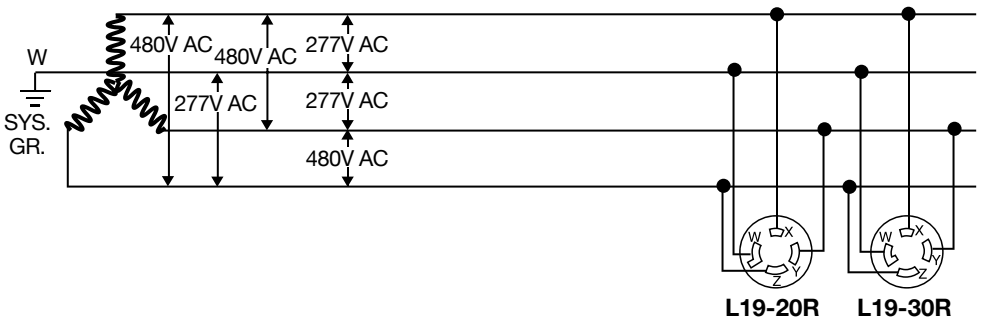
4-Pole 4-Wire

3Ø 120/208V AC



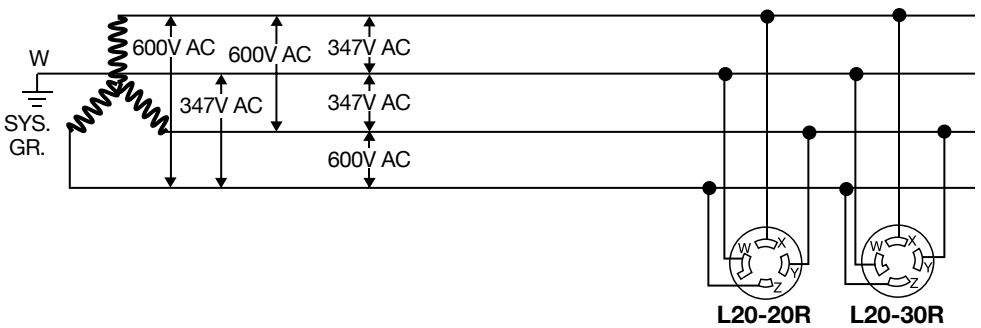
18-15R **18-20R** **18-30R** **18-50R** **18-60R** **L18-20R** **L18-30R**

3Ø 277/480V AC



L19-20R **L19-30R**

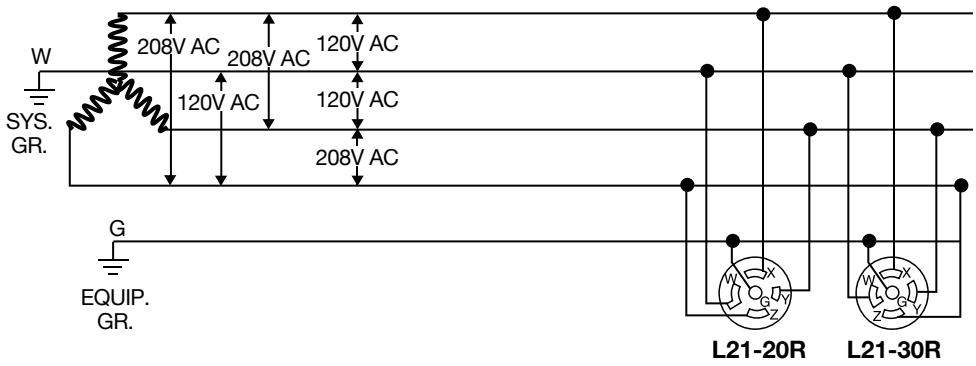
3Ø 347/600V AC



L20-20R **L20-30R**

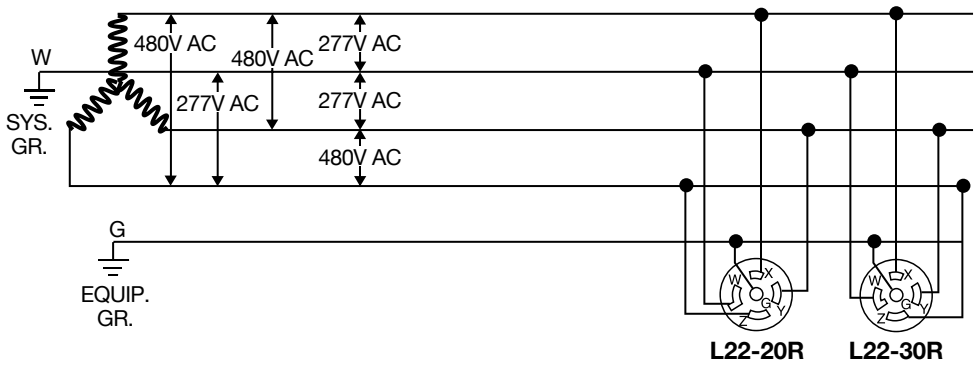
4-Pole 5-Wire Grounding

3ØY 120/208V AC



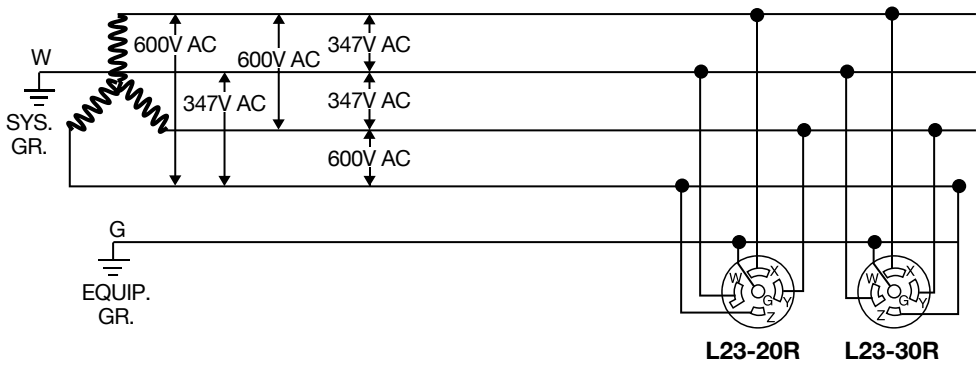
L21-20R **L21-30R**

3ØY 277/480V AC



L22-20R **L22-30R**

3ØY 347/600V AC



L23-20R **L23-30R**

Technical Information

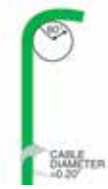
Network Cabling Requirements

Supported Media - International

Designation	ANSI/TIA-568-C	ISO/IEC 11801 2nd Ed. 2002	CENELEC EN-50173-1: 2002
Category 3 (16 MHz)	Supported	Supported: Class C	Supported: Class C
120Ω Category 3 (16 MHz)	Not Supported	Supported: Class C	Supported: Class C
Category 5e (100 MHz)	Supported	Supported: Class D	Supported: Class D
Category 6 (250 MHz)	Supported	Supported: Class E	Supported: Class E
Category 6A (500 MHz)	Supported	Supported: Class EA*	Supported: Class EA*
Category 7 (600 MHz)	Not Recognized	Supported: Class F	Supported: Class F
50/125 - 62.5/125 Multimode	Supported	Supported	Supported
Singlemode Fiber	Supported	Supported	Supported
Singlemode Fiber to the Work Area	Not Supported	Supported	Supported
Work Area Outlet Configuration	4 Pairs T568A or B	4 Pairs T568A Only	4 Pairs T568A Only
Stranded Patch Cord Attenuation	120% of Horiz. Cable	150% of Horiz. Cable	150% of Horiz. Cable

Note: *Category 6A requirements will be incorporated into ISO/IEC 11801 and CENELEC EN-50173 after the release of the ANSI/TIA-568-C standards series.

- Strip back only as much cable jacket as is required for termination and maintain pair twists as close as possible to the point of mechanical termination
- At a minimum, never allow untwisting of pairs as specified: Category 5e and 6/6A: 0.5 inch max.



Maintain a maximum bend radius of 4x the cable diameter (4-pair cables)

Apply cable ties loosely and at random intervals

Try to minimize the amount of jacket twisting

Avoid stretching the cable

Never exceed a 90 degree bend

Don't over-tighten cable ties

Don't over-twist cable, it can lead to torn jackets

Don't exceed 25 lbs. of pulling tension

Use appropriate methods for dressing and securing cables:
- Cable ties
- Cable support bar
- Wire management panels
- Releasable straps

Don't use a staple gun to position cable

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