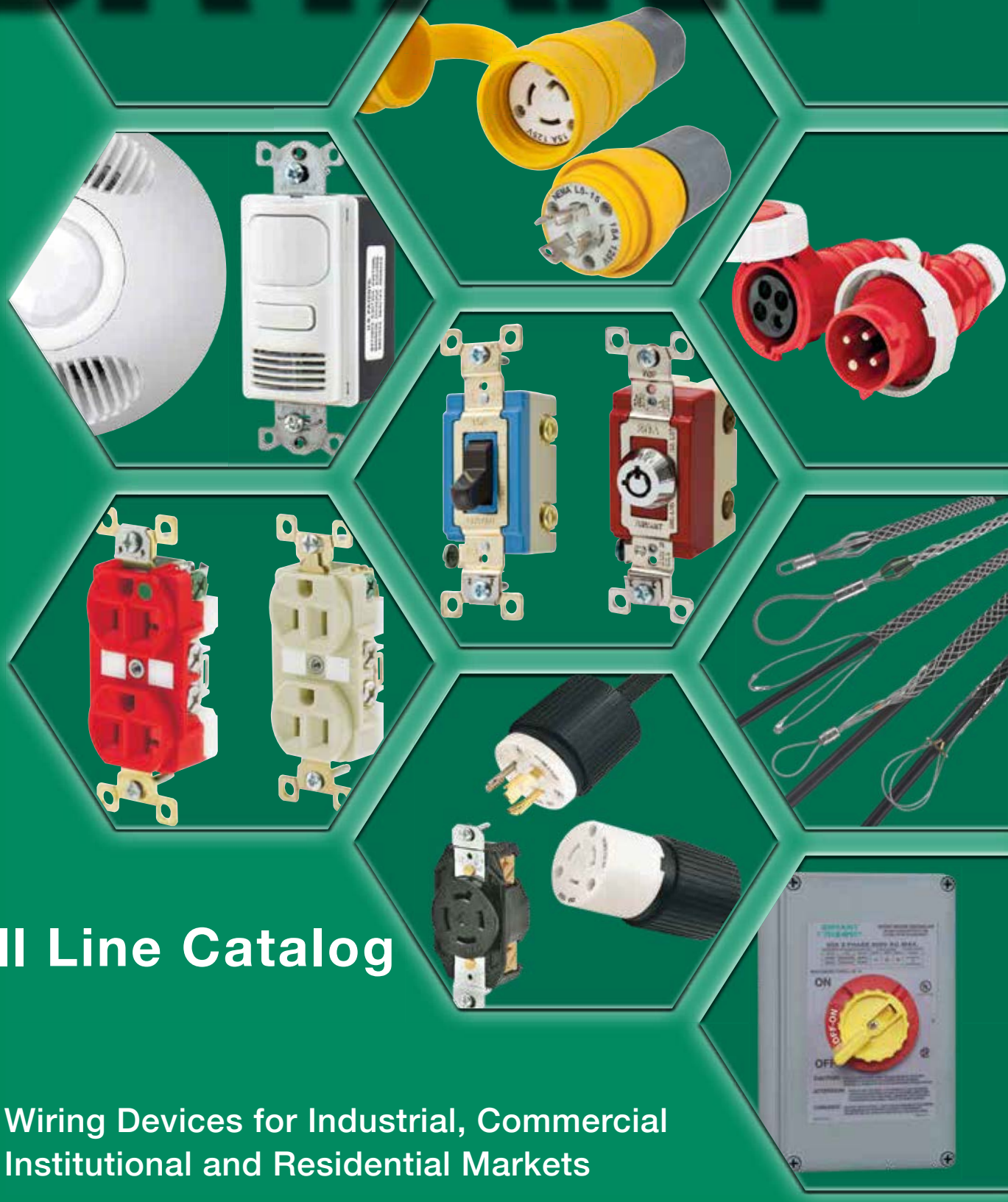
BRYANT®



Full Line Catalog

Wiring Devices for Industrial, Commercial
Institutional and Residential Markets

www.hubbell.com/bryant/en/

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

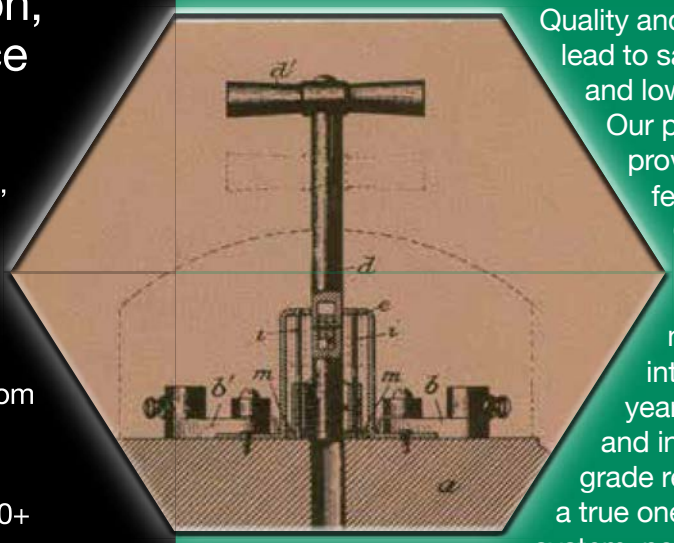
Building on more than 127 years of excellence, Bryant Electric offers wiring device solutions for industrial, commercial, institutional and residential markets. The new product lines and enhancements showcased in this catalog combine the innovation, value, quality and superior performance you expect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



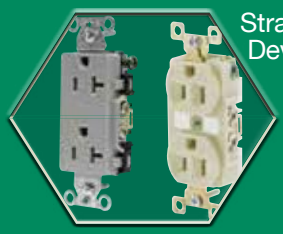
Quality and superior performance lead to safety, ease of use, and low installation costs. Our plugs and connectors provide a full range of features, from the Triple Gripper® cord grip and dust shield to impact-resistant nylon construction introduced more than 45 years ago. Hospital grade and industrial 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.

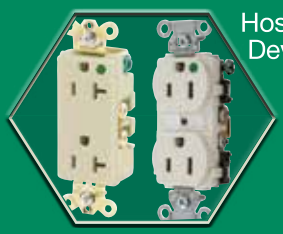
Contact us toll-free at 1-800-323-2792, or visit us on the web at www.bryant-electric.com.

Table Of Contents

Section A Straight Blade Devices

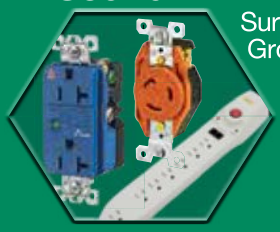


Section B Hospital Grade Devices

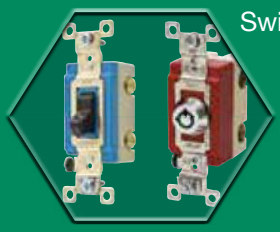


Section C Ground Fault Devices

Section D Surge and Isolated Ground Devices



Section E Switches



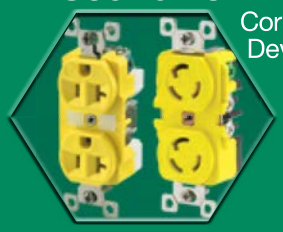
Section F Lighting Controls

Section G Motor Control Products

Section H Locking Devices

Section I Watertight Products

Section J Corrosion-Resistant Devices



Section K Pin & Sleeve Devices

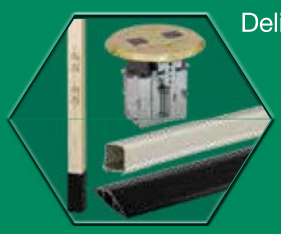
Section L Cam-Type, Power Dist. & Temp Power

Section M Electric Cord and Cable Reels

Section N Wire Management Products

Section O Lampholders, Starters and Adapters

Section P Delivery Systems



Section Q Wallplates and Covers

Section R Network Wiring

Section S Technical Information

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®
inSIGHT™
JLOAD®
MAXX™
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

Table of Contents | Page

NEMA Configuration Chart A-2

Hospital Grade Devices

TECH-SPEC® Self-Grounding Receptacles A-3
Heavy Duty and Fashion Series™ 9000 Receptacles A-4
USB Charger Receptacles A-5
QUADPLEX® Receptacles. A-6
Impact Resistant Plugs and Connectors A-7

Industrial Grade

Extra Heavy Duty, Specification Grade Duplex Receptacles A-8
Extra Heavy Duty, Specification Grade Single Receptacles. A-9
Heavy Duty, Specification Grade Receptacles A-10
Heavy Duty, Industrial Grade Combination Receptacles and Attachment Plugs. A-11

Commercial Grade

Duplex Receptacles A-12
Duplex Tamper-Resistant Receptacles A-13
Permanently Marked Receptacles A-14
QUADPLEX® Receptacles and Cord Sets A-15

Residential Grade

USB Charger Receptacles and Outlets A-17
Quick Thread, Duplex and Decorator Receptacles A-18
Single and Single Decorator Receptacles A-19

Plugs and Connectors

Triple Gripper® Extra Heavy Duty Industrial A-20
COBRA® Heavy Duty A-21
TECH-SPEC® A-22
Industrial Grade. A-23
Special Use Products A-24
Residential Grade A-25

High Amperage Devices

30 Amp Plugs, Connectors and Receptacles. A-26
50 Amp Plugs, Connectors and Receptacles A-27
60 Amp Plugs and Receptacles A-28
Weather Protective Boots, Adapter Sleeves and PLUGBOX® Devices A-29

Technical Specifications. A-30

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		
2 Pole / 3 Wire Grounding	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		
2 Pole / 3 Wire Grounding	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
3 Pole / 4 Wire Grounding	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

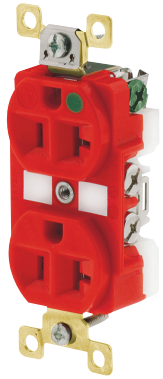
A-3

5-15R

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

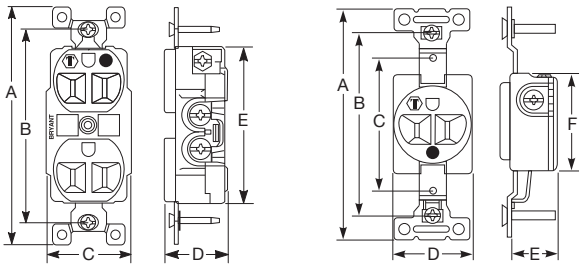
TECH·SPEC®

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	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	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 ● Heavy Duty Receptacles

- Specification Grade and Hospital Grade
- Tamper-Resistant... NOT Plug Resistant™
- Power indicating LED feature optional
- Circuit ID marking area on Hospital Grade
- Steel mounting strap, self-grounding

FASHION SERIES 9000™

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

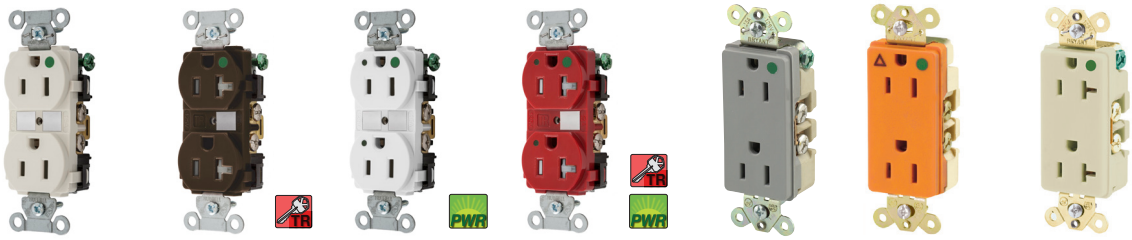
Heavy Duty Receptacles

The Bryant Tamper-Resistant Mechanism eliminates the frustration and difficulty experienced using TR receptacles with plugs that have sharp, or bent blades. Bryant TR receptacles work so well there is virtually no perceptible difference in the feel between the TR receptacles and our conventional non-TR receptacles. Trust Bryant to deliver TamperResistant protection that feels like it's not even there.

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 Duplex Receptacles

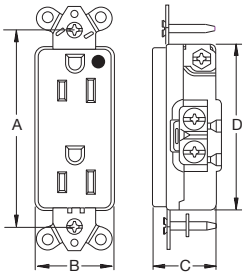


Wiring		Back and Side Wired						
Face		Duplex				Decorator		
Rating	Color	Standard	Tamper-Resistant	Power Ind. LED	TR & LED	Duplex	Isolated Ground	Lighted Face
NEMA 5-15, 15A 125V	Brown	**8200HB**	**8200HBTR**	**8200HBL**	**8200HBLTR**	**9200**	**—**	**—**
	Gray	**8200HBGRY**	**8200HBGRYTR**	**8200HBGRYL**	**8200HBGRYLTR**	**9200GRY**	**9200IGGRY**	**9200GRYL**
	Ivory	**8200HBI**	**8200HBITR**	**8200HBIL**	**8200HBILTR**	**9200I**	**9200IGI**	**9200IL**
	Red	**8200HBRED**	**8200HBREDTR**	**8200HBREDL**	**8200HBREDLTR**	**9200RED**	**9200IGRED**	**9200REDL**
	White	**8200HBW**	**8200HBWTR**	**8200HBWL**	**8200HBWLTR**	**9200W**	**9200IGW**	**9200WL**
	Orange	**—**	**—**	**—**	**—**	**—**	**9200IG**	**—**
NEMA 5-20, 20A 125V	Brown	**8300HB**	**8300HBTR**	**8300HBL**	**8300HBLTR**	**9300**	**—**	**—**
	Gray	**8300HBGRY**	**8300HBGRYTR**	**8300HBGRYL**	**8300HBGRYLTR**	**9300GRY**	**9300IGGRY**	**—**
	Ivory	**8300HBI**	**8300HBITR**	**8300HBIL**	**8300HBILTR**	**9300I**	**9300IGI**	**9300IL**
	Red	**8300HBRED**	**8300HBREDTR**	**8300HBREDL**	**8300HBREDLTR**	**9300RED**	**9300IGRED**	**9300REDL**
	White	**8300HBW**	**8300HBWTR**	**8300HBWL**	**8300HBWLTR**	**9300W**	**9300IGW**	**9300WL**
	Orange	**—**	**—**	**—**	**—**	**—**	**9300IG**	**—**

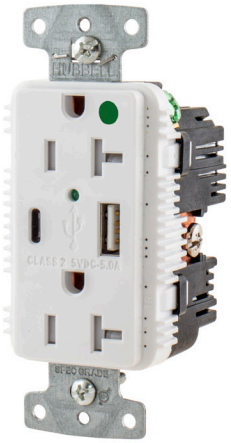
*Note: *Orange is Isolated Ground. See Section C for isolated ground products.*
See page A-28 for technical specifications.

Product Dimensions Inches (mm)

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



Specifications are subject to change without notice.



- Green LED indicator to show USB power available
- USB stainless steel ports rated for minimum 10,000 insertions and removals
- Tamper-Resistant (TR) decorator duplex
- Back and side wire for solid or stranded wire
- Complies with battery charging specification BC1.2
- Designed for commercial, industrial and home use
- Compatible with USB 1.1/2.0/3.0 devices, including Apple® products

USB Charger Receptacles

More Ways to Charge Faster with Bryant's line of USB Chargers, available in Type-C, Combination Type A&C or the legacy Type A, all with a USB high power output of 5 Amp 5 Volt DC. Bryant's USB Charger Duplex Receptacle provides both USB and electrical power in a standard single gang opening. Designed to provide maximum charging for portable electronics, the USB ports are capable of charging two tablets simultaneously.

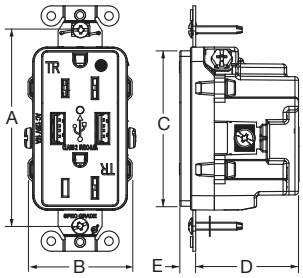
15A and 20A 125V USB Charger Receptacles

Wiring		Back and Side Wired		
Face		Decorator		
Rating	Color	(2) Type-C Ports	(1) Type A and (1) Type-C Port	(2) Type A Ports
NEMA 5-15, 15A 125V	Black	**USBB8200C5BK**	**USBB8200AC5BK**	**USBB8200A5BK**
	Brown	**USBB8200C5**	**USBB8200AC5**	**USBB8200A5**
	Gray	**USBB8200C5GY**	**USBB8200AC5GY**	**USBB8200A5GY**
	Ivory	**USBB8200C5I**	**USBB8200AC5I**	**USBB8200A5I**
	Light Almond	**USBB8200C5LA**	**USBB8200AC5LA**	**USBB8200A5LA**
	Red	**USBB8200C5R**	**USBB8200AC5R**	**USBB8200A5R**
	White	**USBB8200C5W**	**USBB8200AC5W**	**USBB8200A5W**
NEMA 5-20, 20A 125V	Black	**USBB8300C5BK**	**USBB8300AC5BK**	**USBB8300A5BK**
	Brown	**USBB8300C5**	**USBB8300AC5**	**USBB8300A5**
	Gray	**USBB8300C5GY**	**USBB8300AC5GY**	**USBB8300A5GY**
	Ivory	**USBB8300C5I**	**USBB8300AC5I**	**USBB8300A5I**
	Light Almond	**USBB8300C5LA**	**USBB8300AC5LA**	**USBB8300A5LA**
	Red	**USBB8300C5R**	**USBB8300AC5R**	**USBB8300A5R**
	White	**USBB8300C5W**	**USBB8300AC5W**	**USBB8300A5W**

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)



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®

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.

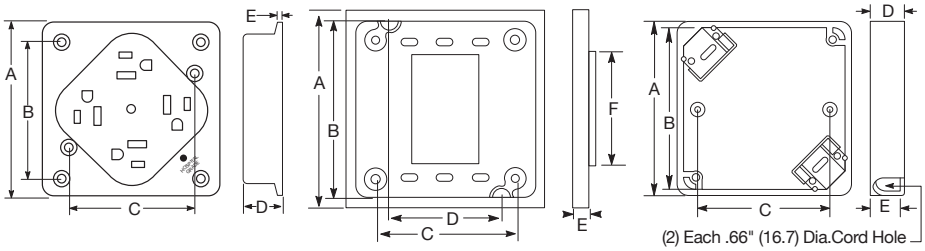
Adapter Plates and Portable Boxes

	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**	—

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.

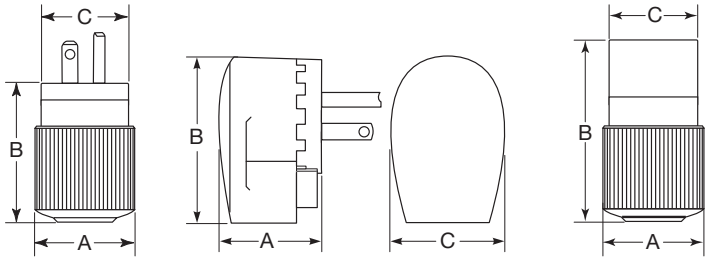
Bryant hospital grade transparent angle plugs are designed for straight blade applications in hospitals, as well as industrial, commercial and institutional environments – wherever attachment plugs must withstand severe abuse.

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

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)



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

Rating	Color	Duplex Standard	Duplex Weather Resistant	Color	Isolated Ground Standard	Isolated Ground Weather Resistant	Color	Corrosion Resistant 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)

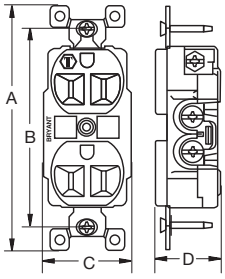
Rating	Description	Color	Catalog Number
NEMA 5-15, 15A 125V	BRY5262 on 4.0" (101.6) round metal box cover	Brown	**BRY5282**
NEMA 5-20, 20A 125V	BRY5362 on 4.0" (101.6) round metal box cover	Brown	**BRY5382**

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

Product Dimensions

Inches (mm)

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



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

Rating	Color	Single: Standard	Single: Weather Resistant	Color	Isolated Ground: Standard	Isolated Ground: Weather Resistant	Color	Corrosion Resistant: 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

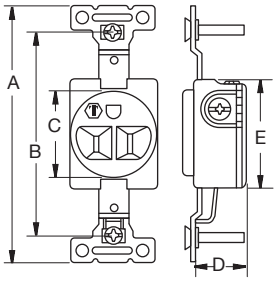
Wiring Rating	Color	Back and Side Wired: Standard	Back and Side Wired: Weather Resistant	Side Wired: Urea Face
NEMA 5-15, 15A 125V	Brown	**5284**	**5284WR**	**5258**
NEMA 5-20, 20A 125V	Brown	—	**5384WR**	—
NEMA 6-15, 15A 250V	Brown	**5684**	—	—
NEMA 6-20, 20A 250V	Brown	**5484**	—	—

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

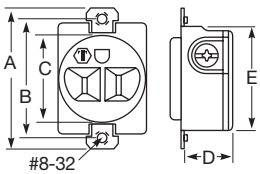
Rating	Description	Color	Catalog Number
NEMA 5-15, 15A 125V	5261 on 4.0" (101.6) round metal box cover	Brown	**5281**

Product Dimensions Inches (mm)

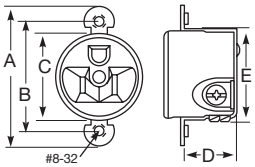
	Single	Short Yoke	Short Yoke Urea Face
A	4.06" (103.1)	2.25" (57.2)	2.25" (57.2)
B	3.28" (83.3)	1.94" (49.3)	1.75" (44.5)
C	1.38" (35.1)	1.38" (35.1)	1.38" (35.1)
D	0.91" (23.1)	0.81" (20.6)	0.85" (21.6)
E	1.78" (45.2)	1.78" (45.3)	1.49" (37.8)



Standard



Short Yoke



Short Yoke Urea Face

Straight Blade Devices

Heavy Duty, Specification Grade Receptacles

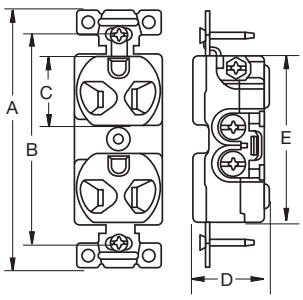
15A and 20A 125V and 250V Receptacles and Equipment Base Devices

TECH·SPEC®

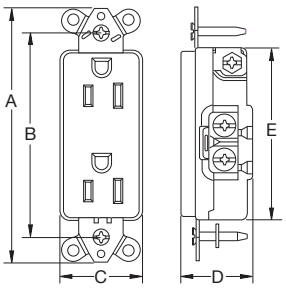
Style		Receptacles						Equipment Base Devices - Clamp-Type, Back Wiring			
		Duplex				Decotator	Single		Male		Female
Rating	Color	Weather Resistant	Back and Side Wired	Back and Side Wired	Side Wired	Back and Side Wired	Side Wired	Color	Nylon Cup	Self-Grounding Strap	Nylon Cup
NEMA 5-15, 15A 125V	Black	**5262BBLKWR**	**5262BBLK**	—	**5242BLK**	**9252BLK**	—	Black	—	**5278G**	—
	Brown	**5262BNWR**	**5262BN**	—	**5242**	**9252**	**5251**	White	**5278**	—	**5279**
	Gray	**5262BGRYWR**	**5262BGRY**	—	**5242GRY**	**9252GRY**	—				
	Ivory	**5262BIWR**	**5262BI**	**5251I**	**5242I**	**9252I**	**5251I**				
	Red	**5262BREDWR**	**5262BRED**	—	**5242RED**	—	—				
	White	**5262BWWR**	**5262BW**	**5252W**	**5242W**	**9252W**	—				
NEMA 5-20, 20A 125V	Black	**5362BBLKWR**	**5362BBLK**	—	**5342BLK**	**9352BLK**	**5351BLK**	Black	—	**5378G**	—
	Brown	**5362BNWR**	**5362BN**	—	**5342**	**9352BRN**	**5351**	White	**5378**	—	**5379**
	Gray	**5362BGRYWR**	**5362BGRY**	—	**5342GRY**	**9352GRY**	—				
	Ivory	**5362BIWR**	**5362BI**	**5351I**	**5342I**	**9352I**	**5351I**				
	Red	**5362BREDWR**	**5362BRED**	—	**5342RED**	—	—				
	White	**5362BWWR**	**5362BW**	**5352W**	**5342W**	**9352W**	—				
NEMA 6-15, 15A 250V								White	**5678**	**5678G**	**5679**
NEMA 6-20, 20A 250V								White	**5478**	—	**5479**

Product Dimensions Inches (mm)

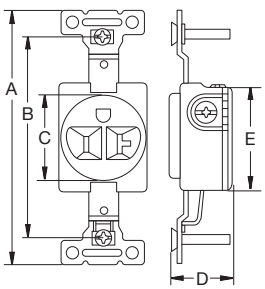
	Receptacle			Equipment Devices	
	Duplex	Decorator	Single	Male	Female
A	4.06" (103.1)	4.06" (103.1)	4.06" (103.1)	1.84" (46.7)	1.84" (46.7)
B	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	2.00" (50.8)	2.00" (50.8)
C	1.38" (35.1)	1.36" (34.5)	1.38" (35.1)	2.50" (63.5)	2.50" (63.5)
D	0.92" (23.4)	1.03" (26.2)	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)



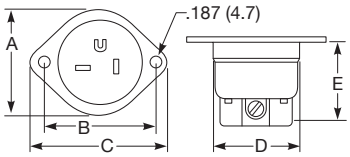
Duplex Receptacle



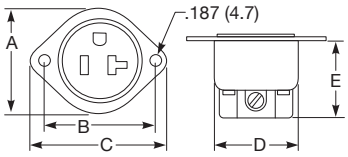
Duplex Receptacle



Single Receptacle



Male Equipment Device



Female Equipment Device

Specifications are subject to change without notice.

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.

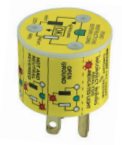
Industrial Grade, Receptacle and Attachment Plugs

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

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.*

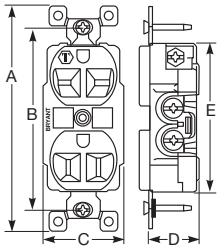
Polarity Tester



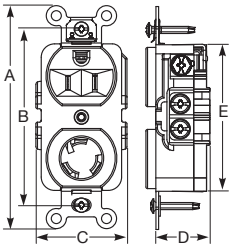
Description	Catalog Number
Circuit tester with neon indicator lamps to check NEMA 5-15 and 5-20 receptacles	**5266PT**

Product Dimensions Inches (mm)

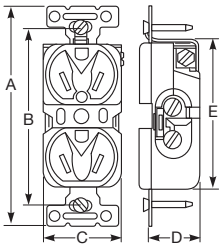
	Combination Receptacles: BRY5292/BRY5492	Combination Receptacles: Straight Blade & Locking	Heavy Duty Industrial Duplex	Attachment Plug
A	4.06" (103.1)	4.06" (103.1)	4.06" (103.1)	1.72" (43.7)
B	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	1.54" (39.1)
C	1.54" (39.1)	1.69" (42.9)	1.38" (35.1)	—
D	1.16" (29.5)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



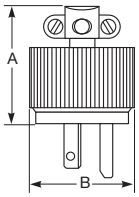
BRY5292/BRY5492



Straight Blade & Locking



Heavy Duty Industrial Duplex



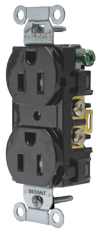
Attachement Plug

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

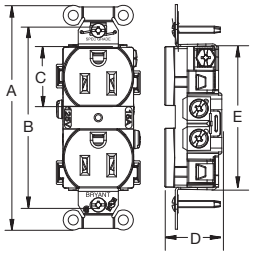


Wiring		Side Wired		Back and Side Wired	
Rating	Color	Duplex	Isolated Ground	Duplex*	Decorator
NEMA 5-15, 15A 125V	Black	**CRS15BLK**	**—**	**CBRS15BLK**	**DRS15BLK**
	Brown	**CRS15**	**—**	**CBRS15**	**DRS15**
	Gray	**CRS15GRY**	**CR15IGRY**	**CBRS15GRY**	**DRS15GRY**
	Ivory	**CRS15I**	**CR15IGI**	**CBRS15I**	**DRS15I**
	Light Almond	**CRS15LA**	**—**	**CBRS15LA**	**DRS15LA**
	Orange	**—**	**CR15IG**	**—**	**—**
	White	**CRS15W**	**CR15IGW**	**CBRS15W**	**DRS15WHI**
NEMA 5-20, 20A 125V	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**

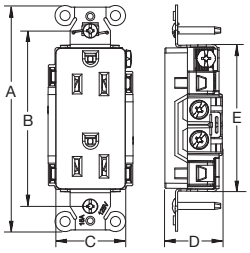
Note: See Section C for isolated ground products.
**Fed. Spec. Listed.*

Product Dimensions Inches (mm)

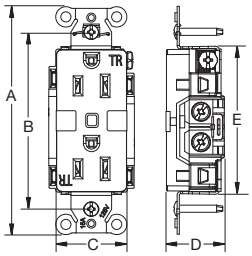
	Duplex	Decorator	Tamper-Resistant	Weather Resistant	Tamper-Resistant, Weather Resistant	Decorator, Nightlight
A	4.06" (103.1)	4.06" (103.1)	4.06" (103.1)	4.06" (103.1)	4.06" (103.1)	4.14" (105.1)
B	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)
C	1.38" (35.1)	–	1.38" (35.1)	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

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

Wiring		Side Wired	Back and Side Wired		
Rating	Color	Standard	Standard*	Decorator	Decorator, Nightlight
NEMA 5-15, 15A 125V	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	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

Wiring		Back and Side Wired	
Rating	Color	Standard	Decorator
NEMA 5-15, 15A 125V	Black	**CBRS15BLKWRTR**	**DRS15BLKWRTR**
	Brown	**CBRS15WRTR**	**DRS15WRTR**
	Gray	**CBRS15GRYWRTR**	**DRS15GRYWRTR**
	Ivory	**CBRS15IWRTR**	**DRS15IWRTR**
	Light Almond	**CBRS15LAWRTR**	**DRS15LAWRTR**
	White	**CBRS15WWRTR**	**DRS15WWRTR**
NEMA 5-20, 20A 125V	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.

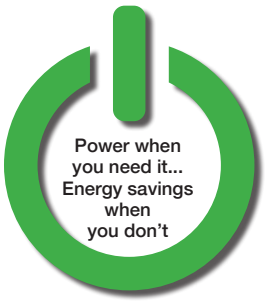
15A and 20A 125V Self-Grounding Weather Resistant Receptacles

	Back and Side Wired
Color	Standard*
Black	**CBRS15BLKWR**
Brown	**CBRS15WR**
Gray	**CBRS15GRYWR**
Ivory	**CBRS15IWR**
Light Almond	**CBRS15LAWR**
White	**CBRS15WWR**
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

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

2020 National Electrical Code®	ASHRAE Standard 90.1 2019	California Title 24 Building Energy Efficiency Standards 2019
NEC® Section 406.3(E) requires that all nonlocking, 125 V, 15A and 20A receptacles controlled by an automatic control device or by an automatic energy management system must be marked with the ⏻ symbol and the word "CONTROLLED".	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 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.

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®

Rating	Color	Standard	Color	Isolated Ground	Color	Surge Suppression Isolated Ground	Color	6 Foot Cord Sets, 12/3 SJO: Surge Suppression	6 Foot Cord Sets, 12/3 SJO: GFCI
NEMA 5-15, 15A 125V	Black	**1254BLK**	Orange	**1254IGO**	Blue	**1254SA**	Ivory	**T1254SI6A**	—
	Brown	**1254B**			Ivory	**1254SIA**	Yellow	—	**T1254GF6**
	Gray	**1254GY**							
	Ivory	**1254I**		Bulk Package					
	Red	**1254R**	Orange	**1254IGOB**					
	White	**1254W**							
NEMA 5-20, 20A 125V	Black	**21254BLK**	Orange	**21254HIGO**	Blue	**21254SA**			
	Brown	**21254B**			Ivory	**21254SIA**			
	Gray	**21254GY**							
	Ivory	**21254I**		With Wire Leads		With Wire Leads			
	Red	**21254R**	Orange	**21254IGOL**	Blue	**21254SLA**			
	White	**21254W**			Ivory	**21254SILA**			

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

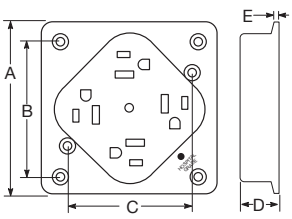
Adapter Plates and Portable Boxes

Color	Adapter Plates: For 1- and 2-Gang Device Boxes	Adapter Plates: For 4 11⁄16" Boxes	Portable Boxes: with Cord Grip	Portable Boxes: 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**	—

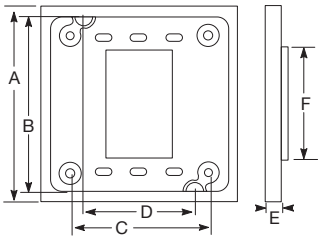
Product Dimensions Inches (mm)

	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)	–

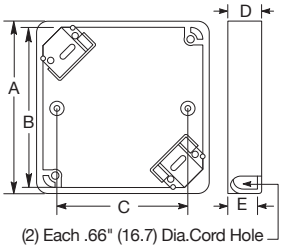
*Note: *Mounting dimensions for 4 11⁄16" adapter plate.*



Receptacle



Adapter Plate



Portable Box

USB Charger Receptacles and Outlets

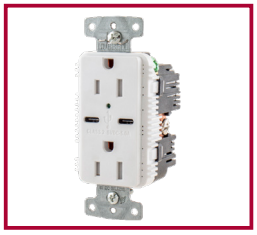
More Ways to Charge Faster with Bryant's line of USB Chargers, available in Type-C, Combination Type A&C or the legacy Type A, all with a USB high power output of 5 Amp 5 Volt DC. Bryant's USB Charger Duplex Receptacle provides both USB and electrical power in a standard single gang opening. Designed to provide maximum charging for portable electronics, the USB ports are capable of charging two tablets simultaneously.

The 4 Port and 2 Port Charger Outlet 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. Buildings looking to provide 100% green efficiency in power delivery will maximize LEED and energy efficient design.

Common Features

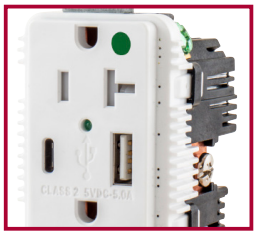
- Green LED indicator to show USB power available
- USB stainless steel ports rated for minimum 10,000 insertions and removals
- Complies with battery charging specification BC1.2
- Designed for commercial, industrial and home use
- Compatible with USB 1.1/2.0/3.0 devices, including Apple® products

Features and Benefits



Types of USB Chargers

- Two Type-C ports, one Type A and one Type-C port, or two Type A port configurations
- High power 5 Amp, 5 Volt DC USB output
- Tamper-Resistant decorator duplex receptacle

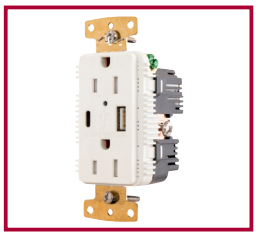


USB Charger Receptacles

- Standard and Hospital Grade
- Provides both USB and electrical power in a standard single gang opening
- Back and side wired

Identification

- Patented Bryant TR technology uses cam action shutters; the friction-free design of the mechanism's doors requires much less force to open
- Green LED indicator to show USB power available



Weather Resistant Type A&C USB Charger

- One Type A and one Type-C port configurations
- Meets Section 406.9 of NEC®
- 5 Amp, 5 Volt USB output
- Power indicating green LED light

4 Port Outlet

- 4 Port outlet, 5 Amp, 5V DC, Type-C, Type A&C and Type A class 2.0
- 4 Port has switch activated port door; when closed, all power is switched OFF

Switch Combo Outlet

- Switch Combo has two USB ports 2.1 Amp, 5 Volt DC, Type A, class 2.0
- Isolated 15 Amp, 120V AC single pole/ 3-way switch

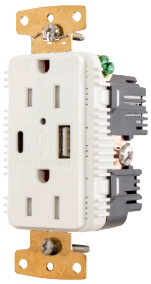
Apple® is a registered trademark of Apple Inc.
NEC® is a registered trademark of the National Fire Protection Association (NFPA).

Straight Blade Devices

USB Charger Receptacles and Outlets

Weather Resistant Receptacle Features

- Meets Section 406.9 of NEC®
- 5 Amp, 5 Volt USB output
- Type A&C USB ports
- Power indicating green LED light



Weather and Tamper-Resistant USB Charger Duplex Receptacles

Description	Color	15A 125V	20A 125V
Type A&C USB Charger Receptacle, One Type A and one Type-C port configurations, high power 5 Amp, 5 Volt USB output, weather/tamper-resistant USB ports rated 10,000 cycles; Commercial Grade.	Black	**USBB15AC5BKWR**	**USBB20AC5BKWR**
	Brown	**USBB15AC5WR**	**USBB20AC5WR**
	Gray	**USBB15AC5GYWR**	**USBB20AC5GYWR**
	Ivory	**USBB15AC5IWR**	**USBB20AC5IWR**
	Light Almond	**USBB15AC5LAWR**	**USBB20AC5LAWR**
	White	**USBB15AC5WWR**	**USBB20AC5WWR**

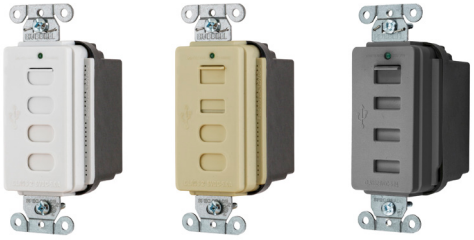
Note: Outdoor circuits should be GFCI protected per national and local electric codes.

15A and 20A 125V USB Charger Receptacles

Wiring		Back and Side Wired		
Face		Decorator		
Rating	Color	(2) Type-C Ports	(1) Type A & (1) Type-C Port	(2) Type A Ports
NEMA 5-15, 15A 125V	Black	**USBB15C5BK**	**USBB15AC5BK**	**USBB15A5BK**
	Brown	**USBB15C5**	**USBB15AC5**	**USBB15A5**
	Gray	**USBB15C5GY**	**USBB15AC5GY**	**USBB15A5GY**
	Ivory	**USBB15C5I**	**USBB15AC5I**	**USBB15A5I**
	Lt. Almond	**USBB15C5LA**	**USBB15AC5LA**	**USBB15A5LA**
	White	**USBB15C5W**	**USBB15AC5W**	**USBB15A5W**
NEMA 5-20, 20A 125V	Black	**USBB20C5BK**	**USBB20AC5BK**	**USBB20A5BK**
	Brown	**USBB20C5**	**USBB20AC5**	**USBB20A5**
	Gray	**USBB20C5GY**	**USBB20AC5GY**	**USBB20A5GY**
	Ivory	**USBB20C5I**	**USBB20AC5I**	**USBB20A5I**
	Lt. Almond	**USBB20C5LA**	**USBB20AC5LA**	**USBB20A5LA**
	White	**USBB20C5W**	**USBB20AC5W**	**USBB20A5W**

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

4 Port USB Charger Outlets



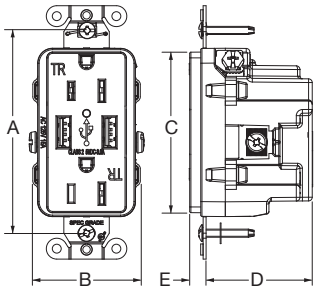
Back and Side Wired		
Decorator		
(4) Type-C Ports	(2) Type A & (2) Type-C Port	(4) Type A Ports
USBB4CBK	**USBB4ACBK**	**USBB4BK**
USBB4C	**USBB4AC**	**USBB4**
USBB4CGY	**USBB4ACGY**	**USBB4GY**
USBB4CI	**USBB4ACI**	**USBB4I**
USBB4CLA	**USBB4ACLA**	**USBB4LA**
USBB4CW	**USBB4ACW**	**USBB4W**

Switch Combo Outlets

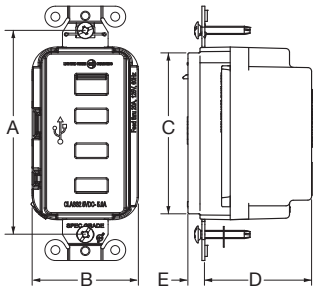
Switch Combo, (2) Type A Ports
USBB102BK
USBB102
USBB102GY
USBB102I
USBB102LA
USBB102W

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

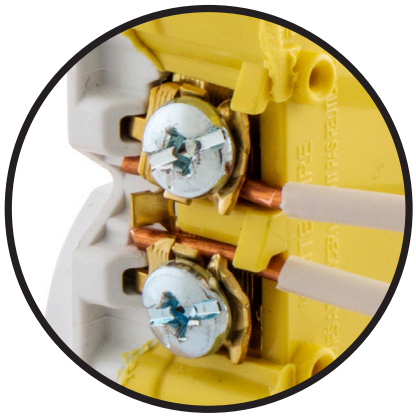


4 Port

Straight Blade Devices

Residential Grade Duplex and Decorator Receptacles

Best Solution for Residential 15A & 20A Branch Circuit Wiring



Fast and Secure

XCLAMP
External Clamping

1 **Strip** the wire

2 **Insert** the wire

3 **Clamp** the connection

XClamp and Duplex Receptacles

- Eliminates the need to loop the wire
- External back-wire clamp for fast and easy installation of 15A & 20A branch circuits in residential applications
- Compression plates maximize holding power to provide a stronger, more secure connection
- Terminate up to 8 wires
- Accomodates #12 & #14 AWG wire
- Break-off tabs for switched receptacle applications
- Tamper-resistant shutter complies with NEC®

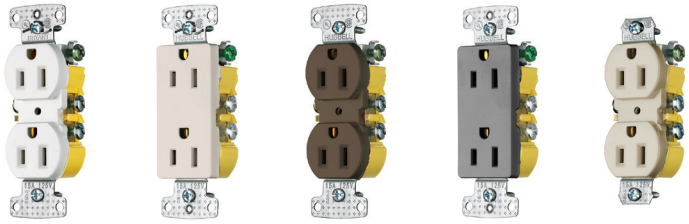
XClamp Duplex Receptacles

Description	Color	Catalog Number
Tamper-Resistant, 15A 125V, 2 Pole, 3 Wire Grounding, 20A Circuit Rated	Ivory	**RR15SITRX**
	Light Almond	**RR15SLATRX**
	White	**RR15SWTRX**

15A 125V Quick Thread TR Receptacles

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**
	Gray	—	—
	Ivory	**RR15QITR**	**RR15EQITR**
	Light Almond	**RR15QLATR**	**RR15EQLATR**
	White	**RR15QWTR**	**RR15EQWTR**

15A 125V Duplex and Decorator Receptacles



Push and Side Wired				
Self-Grounding		Grounding		
Duplex	Decorator	Duplex	Decorator	Earless Duplex
—	**RRD15SBK**	**RR15BK**	**RRD15BK**	—
RR15S	**RRD15S**	**RR15**	**RRD15**	**RR15K**
—	**RRD15SGY**	—	**RRD15GY**	—
RR15SI	**RRD15SI**	**RR15I**	**RRD15I**	**RR15KI**
RR15SLA	**RRD15SLA**	**RR15LA**	**RRD15LA**	—
RR15SW	**RRD15SW**	**RR15W**	**RRD15W**	**RR15KW**

15A 125V Duplex and Decorator Tamper-Resistant Receptacles

Wiring		Push and Side Wired			Eight Push Wire Holes Only, #14 AWG		Back and Side Wired
Grounding		Self-Grounding	Grounding	Self-Grounding	Grounding	Self-Grounding	Self-Grounding
Rating	Color	Decorator	Earless Duplex	Earless Decorator	Duplex	Decorator	Decorator with Two Nightlight Sources
NEMA 5-15, 15A 125V	Black	**RRD15SBKTR**	—	**RRD15KBKTR**	**RR15EBKTR**	**RRD15EBKTR**	—
	Brown	**RRD15STR**	**RR15KTR**	**RRD15KTR**	—	**RRD15ETR**	—
	Gray	**RRD15SGYTR**	—	**RRD15KGYTR**	**RR15EGYTR**	**RRD15EGYTR**	—
	Ivory	**RRD15SITR**	**RR15KITR**	**RRD15KITR**	**RR15EITR**	**RRD15EITR**	**DR15NLIV**
	Light Almond	**RRD15SLATR**	**RR15KLATR**	**RRD15KLATR**	**RR15ELATR**	**RRD15ELATR**	**DR15NLLA**
	White	**RRD15SWTR**	**RR15KWTR**	**RRD15KWTR**	**RR15EWTR**	**RRD15EWTR**	**DR15NLWH**

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

Specifications are subject to change without notice.

Straight Blade Devices

Residential Grade Duplex and Decorator Receptacles

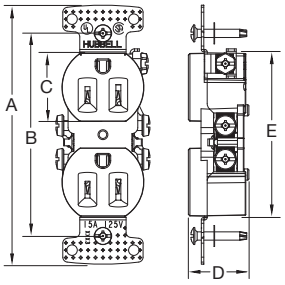
15A 125V Duplex and Decorator Weather Resistant and Tamper-Resistant Receptacles

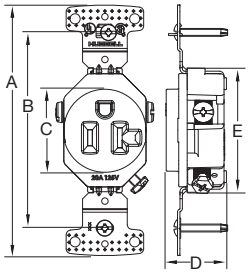
Wiring		Push and Side Wired	
Grounding		Self-Grounding	
Rating	Color	Duplex	Decorator
NEMA 5-15, 15A 125V	Black	**RR15SBKWRTR**	**RRD15SBKWRTR**
	Brown	**RR15SWRTR**	**RRD15SWRTR**
	Gray	**RR15SGYWRTR**	**RRD15SGYWRTR**
	Ivory	**RR15SIWRTR**	**RRD15SIWRTR**
	Light Almond	**RR15SLAWRTR**	**RRD15SLAWRTR**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

Style		Standard		Tamper-Resistant		Weather Resistant	Weather Resistant Tamper-Resistant
Rating	Color	Duplex	Decorator	Duplex	Decorator	Duplex	Duplex
NEMA 5-15, 15A 125V	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	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	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	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.

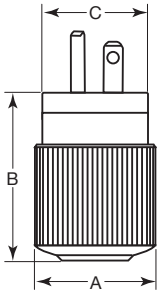
15A and 20A 125V and 250V Plugs and Connectors, 2-Pole 3-Wire Inches (mm)

TECH-SPEC®

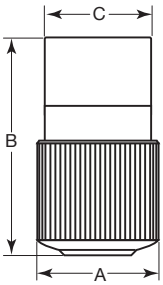
Device Type			Plug			Connector		
Rating	Cord Diameter	Color	Nylon	Nylon/ Polymer	Corrosion-Resistant Nylon/Polymer	Nylon	Nylon/ Polymer	Corrosion-Resistant Nylon/Polymer
NEMA 5-15, 15A 125V	.300"-.655" (7.6-16.6)	Black/White	**BRY5266NP**	—	—	**BRY5269NC**	—	—
	.245"-.655" (6.2-16.6)	Black	—	**BRY5266NPB**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

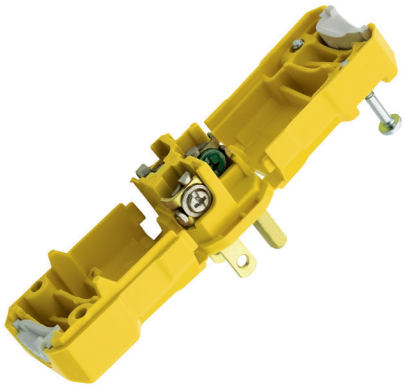


Connector

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.

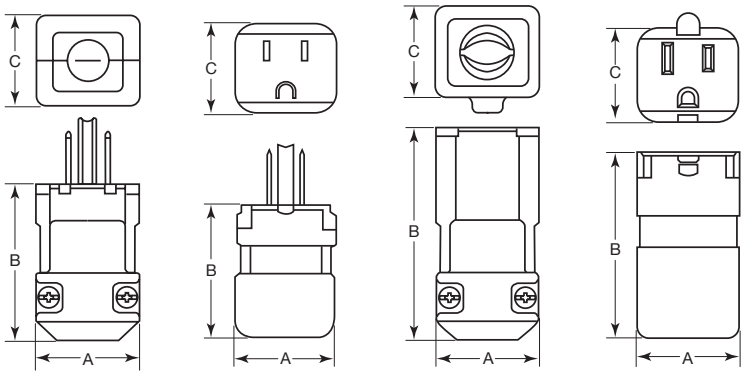
15A and 20A 125V and 250V Plugs and Connectors, 2-Pole 3-Wire Inches (mm)

COBRA®

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

Straight Blade Devices

TECH-SPEC® Plugs and Connectors

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

TECH-SPEC®

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

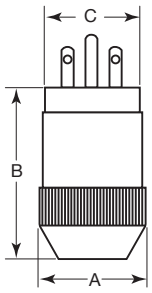
		Weather Protective Boots		Sealing Ring
Material	Color	For Use with 5266B Series Plug	For Use with 5269B Series Connector	For Use with 5200BC Series Connector Boot
Thermoplastic elastomer	Black	**5200BPB****	**5200BCB****	**5200BSRB****
	Yellow	**5200BP****	**5200BC****	**5200BSR****

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

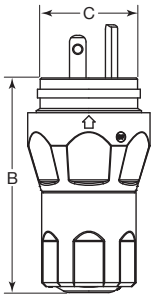
Product Dimensions Inches (mm)

	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)	—

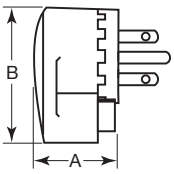
	Connector	
	Standard	Watertight
A	1.53" (38.9)	—
B	2.68" (68.1)	4.42" (112.1)
C	1.38" (35.1)	1.85" (47.1)



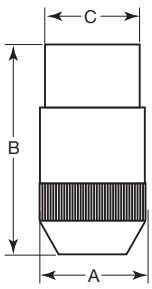
Plug



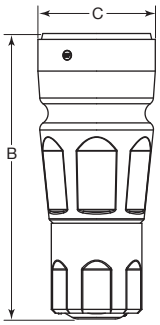
Watertight Plug



Angled Plug



Connector



Watertight Connector

Specifications are subject to change without notice.

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

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	**9754NS**	**9755N**
	Black	**9754NSB**	**—**

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

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)

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	**9151N**	**—**
	Black	**—**	**9326**

Plates for Single Receptacles

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

Note: See Section P more information on plates.

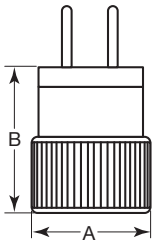
20A 3ØY 120/208V AC Plug, 4-Pole 4-Wire Inches (mm)

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***

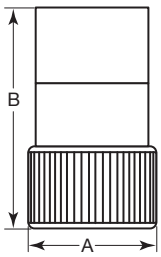
*Note: *Device has no provision for a grounding conductor. Intended for use in applications where a separate grounding means is provided.*

Product Dimensions Inches (mm)

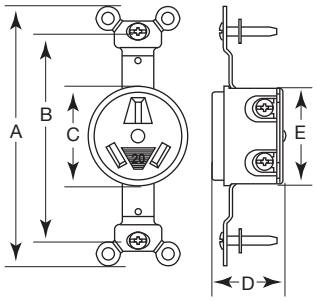
	Plug			Connector	Receptacle
	8754NS	9151N	7251N	9755N	9326
A	1.12" (28.7)	1.31" (33.3)	2.12" (53.8)	1.12" (28.4)	3.28" (83.3)
B	1.60" (40.6)	2.50" (63.5)	2.35" (59.7)	2.62" (66.5)	2.38" (60.5)
C	—	—	—	—	1.39" (35.2)
D	—	—	—	—	1.16" (29.4)
E	—	—	—	—	1.50" (38.1)



Plug



Connector



Single Receptacle

Floor Box Assemblies and Display Receptacles

	Floor Box Assemblies		Display Receptacles		
Rating	Description	Brushed Brass Plate	Description	Smooth Brushed Brass Finish	Nickel Plated Finish
NEMA 5-15, 15A 125V	Specification grade single receptacle, gasketing and floor rated single gang steel box	**5236BOX**	Specification grade single receptacle	**3799G**	**3799GS**

Nightlight Only

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

	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		—	—

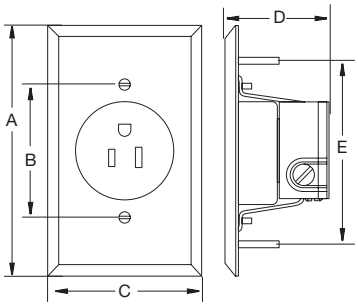
Note: See Section O for floor and under cabinet box options.

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

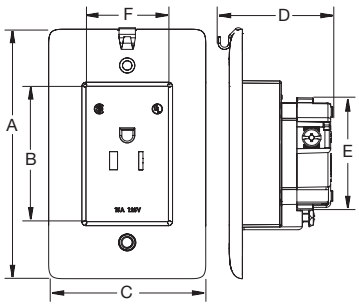
Note: See page R-6 for tamper-resistant description.

Product Dimensions Inches (mm)

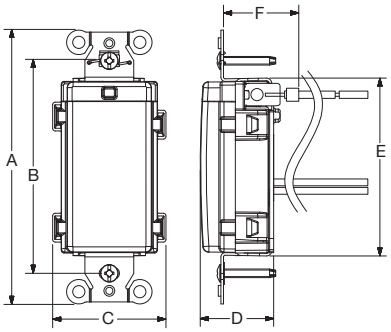
	Display Receptacles	Residential Clock Hanger	Nightlight Only
A	4.50" (114.3)	4.63" (117.5)	4.20" (106.8)
B	2.38" (60.5)	2.51" (63.8)	3.28" (83.4)
C	2.75" (69.9)	2.88" (73.0)	1.74" (44.2)
D	1.86" (47.2)	2.10" (53.3)	1.13" (33.3)
E	3.28" (83.3)	2.08" (52.8)	2.73" (69.4)
F	—	1.51" (38.4)	1.16" (29.3)



Display Receptacles



Residential Clock Hanger



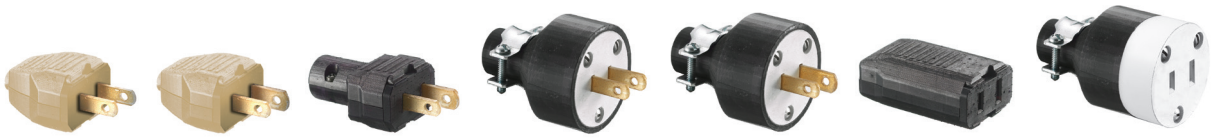
Nightlight Only

Specifications are subject to change without notice.

Straight Blade Devices

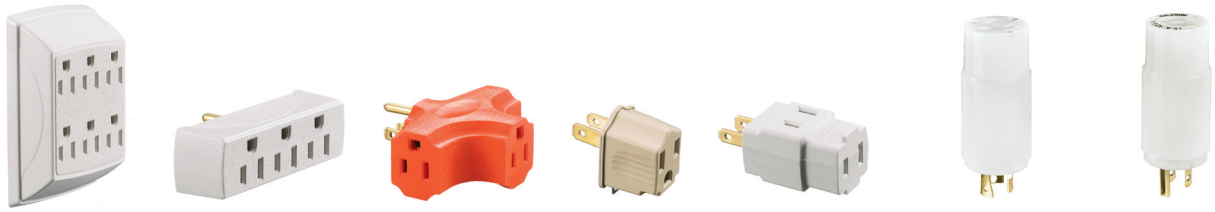
Residential Grade Plugs, Connectors, Taps and Adapters

Plugs and Connectors



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

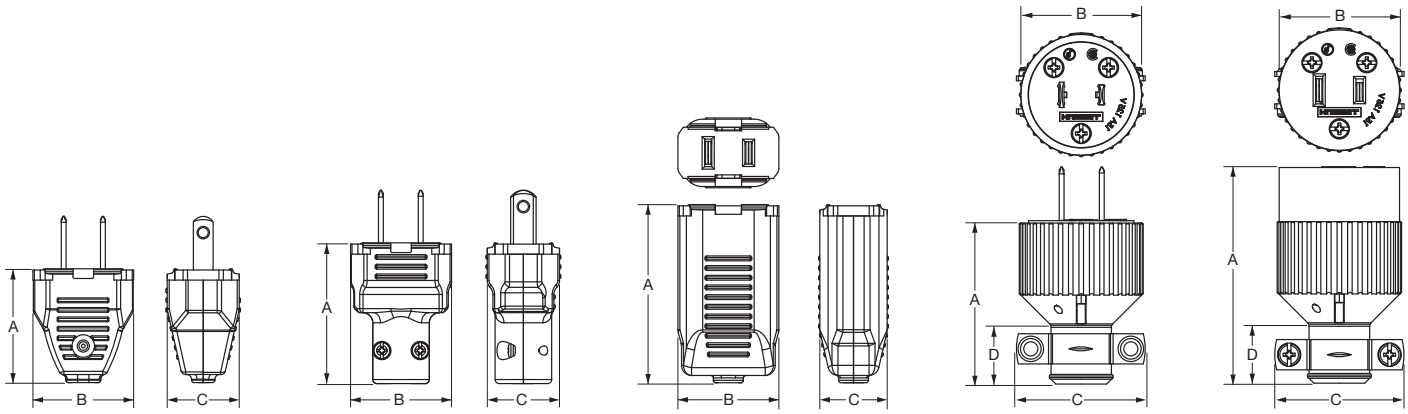


Description	Duplex Receptacle, Six Outlets	Single Receptacle, Three Outlets	Single Receptacle, Three Outlets	Two Wire to U-Ground	Cube Tap, without Ground	Male end: 10A 250V, 15A 125V, Locking Female end: 15A 125V, Straight Blade	Male end: 15A 125V, Straight Blade Female end: 10A 250V, 15A 125V, Locking
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)



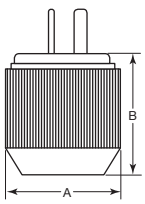
30A 125V, 250V, 125/250V AC and 3Ø 250V AC Plugs, Connectors and Receptacles Inches (mm)

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	—	**9530ANPB**	—	—	Black	**9530FR**	—	—
	Gray	**9530NP**	—	—	**9530NC**	Orange Isolated Ground	**9530IG**	—	—
NEMA 6-30, 30A 250V 2-Pole 3-Wire	Black/White	—	**9630ANPB**	—	—	Black	**9630FR**	—	—
	Gray	**9630NP**		—	**9630NC**	Orange Isolated Ground	**9630IG**	—	—
NEMA 10-30, 30A 125/250V AC 3-Pole 3-Wire	Black/White	**9337NP***	—	**RR335P*** *Supplied with interchangeable blades for 30 or 50 amp configuration*	—	Black	**9303***	**RR330F***	**RR330***
	Gray	—	—		**9337NC***				
NEMA 14-30, 30A 125/250V AC 3-Pole 4-Wire	Black/White	—	**9432ANPB**	**RR435P** *Supplied with interchangeable blades for 30 or 50 amp configuration*	—	Black	**9430FR**	**RR430F**	**RR430**
	Gray	—	—		—	White	—	**RR430FW**	—
						Black			Panel Mount **RR430PM**
NEMA 15-30, 30A 3Ø 250V AC 3-Pole 4-Wire	Black/White	**8430NP**	**8432ANPB**	—	—	Black	**8430FR**	—	—
	Gray	—	—	—	—				

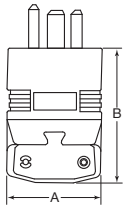
*Note: *Device has no provision for a grounding conductor. Intended for use in applications where a separate grounding means is provided.*
Receptacles can be mounted in single or two gang boxes.
See Section C for isolated ground products.

Product Dimensions Inches (mm)

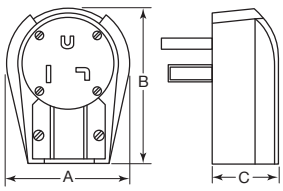
	Plug			Connector		
	Gray	Black/White	Angled Plug	Gray	Black/White	Receptacle
A	3.12" (79.2)	2.88" (73.0)	3.25" (82.6)	2.59" (65.8)	2.88" (73.0)	2.25" (57.2)
B	3.81" (96.8)	4.13" (104.8)	4.19" (106.4)	5.19" (131.8)	5.75" (146.1)	3.68" (93.5)
C	—	—	1.75" (82.6)	3.12" (79.2)	2.50" (63.5)	2.12" (54.0)
D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



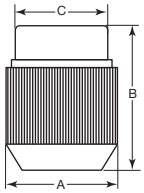
Gray Plug



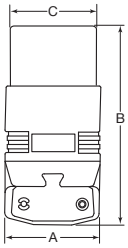
Black/White Plug



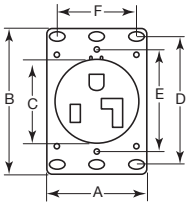
Angled Plug



Gray Connector



Black/White Connector



Receptacle

Specifications are subject to change without notice.

Straight Blade Devices

50 Amp Industrial Grade Plugs, Connectors and Receptacles

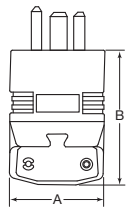
50A 125V, 250V, 125/250V AC, 3Ø 250V AC and 3ØY 120/208V AC Plugs, Connectors and Receptacles Inches (mm)

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)		Reinforced Thermoplastic Polyester	Residential Grade	Residential Grade
Rating	Color	Thermoplastic	Nylon	Black without Ground	Thermoplastic	Color			
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**	—	—

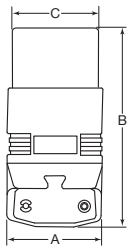
*Note: *Device has no provision for a grounding conductor. Intended for use in applications where a separate grounding means is provided.*
Receptacles can be mounted in single or two gang boxes.
See page A-24 for additional product dimensions.

Product Dimensions Inches (mm)

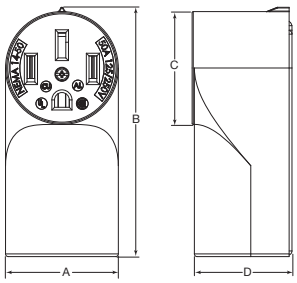
	Plug, Black/White	Connector, Black/White	Surface Receptacle
A	2.88" (73.0)	2.59" (65.8)	2.50" (63.5)
B	4.13" (104.8)	5.19" (131.8)	5.49" (139.5)
C	—	3.12" (79.2)	2.50" (63.5)
D	—	—	2.21" (56.2)



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)

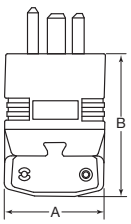
Device Type		Plug		Receptacle
		Standard	Angle 12 Position	Flush
Cord Diameter		.425"-1.320" (10.8-33.5)	.625"-1.380" (15.9-35.1)	Reinforced Black Thermoplastic Polyester
Rating	Color	Thermoplastic	Nylon	
NEMA 14-60, 60A 125/250V 3-Pole 4-Wire	Black/White	**9460NP**	**9462ANPB**	**9460FR**
NEMA 15-60,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

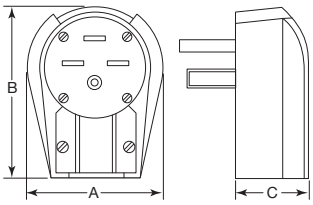
*Note: *Device has no provision for a grounding conductor. Intended for use in applications where a separate grounding means is provided. Receptacles fit standard boxes 4 11/16 in. square and not less than 2.23 in. (54.0) deep.*

Product Dimensions Inches (mm)

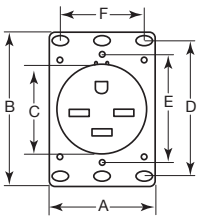
	Plug	Angled Plug	Receptacle
A	2.88" (73.0)	3.25" (82.6)	2.25" (57.2)
B	4.13" (104.8)	4.19" (106.4)	3.68" (93.5)
C	—	1.75" (82.6)	2.12" (54.0)
D	—	—	2.50" (63.3)
E	—	—	2.37" (60.3)
F	—	—	1.81" (46.0)



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

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

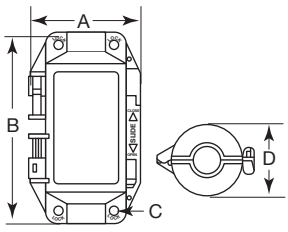
Description	Color	Catalog Number
Rubber adapter sleeve, strain relief for use with 2-pole 2-wire straight blade nylon plugs and connectors, NEMA 1-15	White	**9700S**

PLUGBOX® Devices

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)



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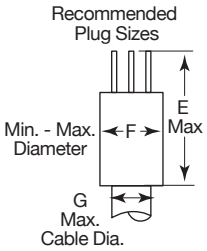

Straight Blade Devices

Technical Specifications - Hospital and Industrial Grade Receptacles

Hospital and Industrial Grade Receptacles

	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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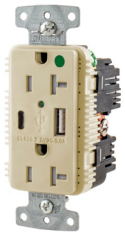
Straight Blade Devices

Technical Specifications - Commercial Receptacles



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 5A, 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

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)

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Valox® is a registered trademark of Sabic Innovative Plastics.

Section B

Hospital Grade Devices

Table of Contents Page

Hospital Grade • Devices

Heavy Duty Self-Grounding Receptacles B-2
Heavy Duty Duplex and Fashion Series® 9000 Receptacles B-3
USB Charger Receptacles B-4
QUADPLEX® Receptacles and Cord Sets B-5
Impact Resistant Plugs and Connectors B-6

Commercial GFCI Receptacles

Standard and Tamper-Resistant B-7
Tamper-Resistant and Weather Resistant B-8
Surge Suppression Receptacles B-9

Portable GFCI Products

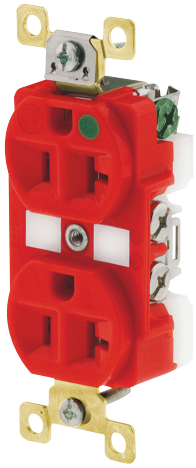
Healthcare Outlet Assemblies (HCOA) B-10
Portable Surge Protection Devices (SPD) B-11

Technical Specifications

Surge Suppression Receptacles B-12
Portable Surge Protection Devices (SPD) B-12

Hospital Grade Devices

Heavy Duty 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

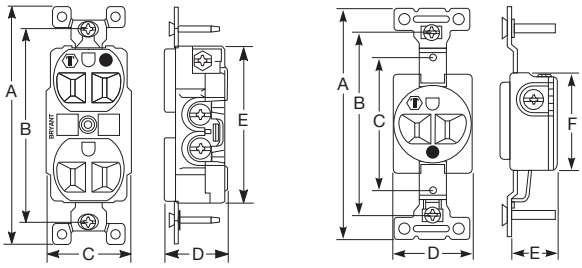
TECH·SPEC®

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	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	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)



Specifications are subject to change without notice.

Hospital Grade Devices

Heavy Duty Receptacles

- Hospital Grade and Specification Grade
- Tamper-Resistant... NOT Plug Resistant™
- Power indicating LED feature optional
- Circuit ID marking area on Hospital Grade
- Steel mounting strap, self-grounding

FASHION SERIES 9000™

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

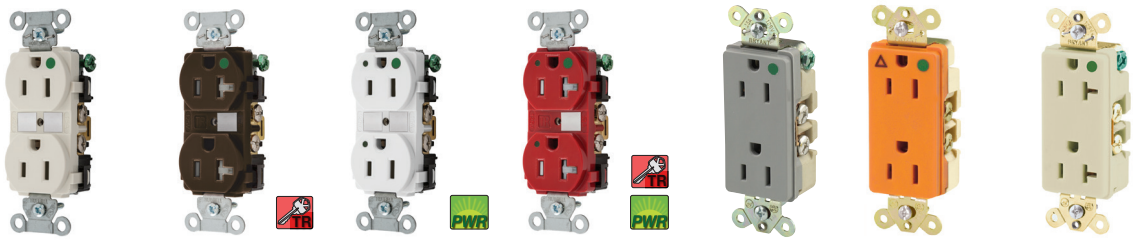
Heavy Duty Receptacles

The Hubbell Tamper-Resistant Mechanism eliminates the frustration and difficulty experienced using TR receptacles with plugs that have sharp, or bent blades. Hubbell TR receptacles work so well there is virtually no perceptible difference in the feel between the TR receptacles and our conventional non-TR receptacles. Trust Hubbell to deliver Tamper-Resistant protection that feels like it's not even there.

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 Duplex Receptacles

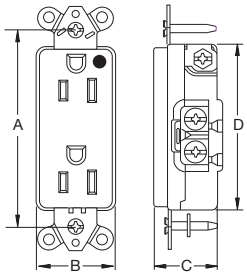


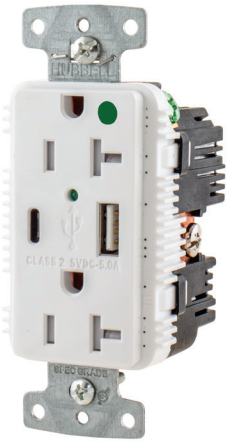
Wiring		Back and Side Wired						
Face		Duplex				Decorator		
Rating	Color	Standard	Tamper-Resistant	Power Ind. LED	TR & LED	Duplex	Isolated Ground	Lighted Face
NEMA 5-15, 15A 125V	Brown	**8200HB**	**8200HBTR**	**8200HBL**	**8200HBLTR**	**9200**	**—**	**—**
	Gray	**8200HBGRY**	**8200HBGRYTR**	**8200HBGRYL**	**8200HBGRYLTR**	**9200GRY**	**9200IGGRY**	**9200GRYL**
	Ivory	**8200HBI**	**8200HBITR**	**8200HBIL**	**8200HBILTR**	**9200I**	**9200IGI**	**9200IL**
	Red	**8200HBRED**	**8200HBREDTR**	**8200HBREDL**	**8200HBREDLTR**	**9200RED**	**9200IGRED**	**9200REDL**
	White	**8200HBW**	**8200HBWTR**	**8200HBWL**	**8200HBWLTR**	**9200W**	**9200IGW**	**9200WL**
	Orange	**—**	**—**	**—**	**—**	**—**	**9200IG**	**—**
NEMA 5-20, 20A 125V	Brown	**8300HB**	**8300HBTR**	**8300HBL**	**8300HBLTR**	**9300**	**—**	**—**
	Gray	**8300HBGRY**	**8300HBGRYTR**	**8300HBGRYL**	**8300HBGRYLTR**	**9300GRY**	**9300IGGRY**	**—**
	Ivory	**8300HBI**	**8300HBITR**	**8300HBIL**	**8300HBILTR**	**9300I**	**9300IGI**	**9300IL**
	Red	**8300HBRED**	**8300HBREDTR**	**8300HBREDL**	**8300HBREDLTR**	**9300RED**	**9300IGRED**	**9300REDL**
	White	**8300HBW**	**8300HBWTR**	**8300HBWL**	**8300HBWLTR**	**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)

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





- Green LED indicator to show USB power available
- USB stainless steel ports rated for minimum 10,000 insertions and removals
- Tamper-Resistant (TR) decorator duplex
- Back and side wire for solid or stranded wire
- Complies with battery charging specification BC1.2
- Designed for commercial, industrial and home use
- Compatible with USB 1.1/2.0/3.0 devices, including Apple® products

USB Charger Receptacles

More Ways to Charge Faster with Bryant's line of USB Chargers, available in Type-C, Combination Type A&C or the legacy Type A, all with a USB high power output of 5 Amp 5 Volt DC. Bryant's USB Charger Duplex Receptacle provides both USB and electrical power in a standard single gang opening. Designed to provide maximum charging for portable electronics, the USB ports are capable of charging two tablets simultaneously.

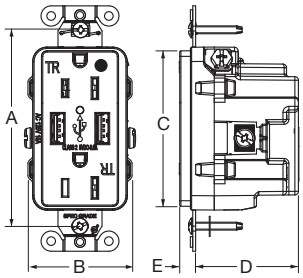
15A and 20A 125V USB Charger Receptacles

Wiring		Back and Side Wired		
Face		Decorator		
Rating	Color	(2) Type-C Ports	(1) Type A and (1) Type-C Port	(2) Type A Ports
NEMA 5-15, 15A 125V	Black	**USBB8200C5BK**	**USBB8200AC5BK**	**USBB8200A5BK**
	Brown	**USBB8200C5**	**USBB8200AC5**	**USBB8200A5**
	Gray	**USBB8200C5GY**	**USBB8200AC5GY**	**USBB8200A5GY**
	Ivory	**USBB8200C5I**	**USBB8200AC5I**	**USBB8200A5I**
	Light Almond	**USBB8200C5LA**	**USBB8200AC5LA**	**USBB8200A5LA**
	Red	**USBB8200C5R**	**USBB8200AC5R**	**USBB8200A5R**
	White	**USBB8200C5W**	**USBB8200AC5W**	**USBB8200A5W**
NEMA 5-20, 20A 125V	Black	**USBB8300C5BK**	**USBB8300AC5BK**	**USBB8300A5BK**
	Brown	**USBB8300C5**	**USBB8300AC5**	**USBB8300A5**
	Gray	**USBB8300C5GY**	**USBB8300AC5GY**	**USBB8300A5GY**
	Ivory	**USBB8300C5I**	**USBB8300AC5I**	**USBB8300A5I**
	Light Almond	**USBB8300C5LA**	**USBB8300AC5LA**	**USBB8300A5LA**
	Red	**USBB8300C5R**	**USBB8300AC5R**	**USBB8300A5R**
	White	**USBB8300C5W**	**USBB8300AC5W**	**USBB8300A5W**

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

Product Dimensions Inches (mm)

	USB Receptacle
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)



Hospital Grade 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

QUADPLEX®

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- & 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**	—

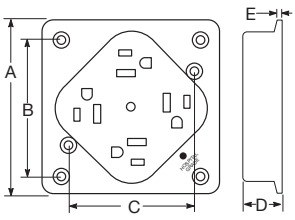
Cord Sets

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

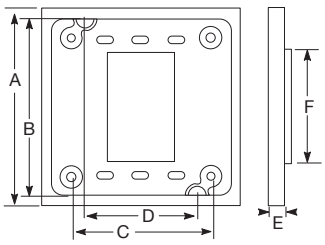
Product Dimensions Inches (mm)

	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)	–

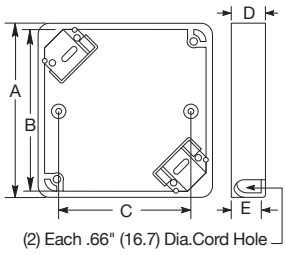
*Note: *Mounting dimensions for 4 11/16" adapter plate.*



Receptacle



Adapter Plate



Portable Box

Hospital Grade Devices

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.

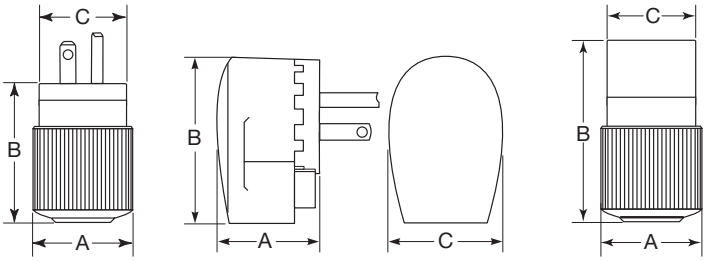
Bryant hospital grade transparent angle plugs are designed for straight blade applications in hospitals, as well as industrial, commercial and institutional environments – wherever attachment plugs must withstand severe abuse.

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

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)



Specifications are subject to change without notice.

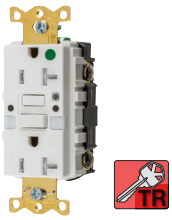
Hospital Grade Devices

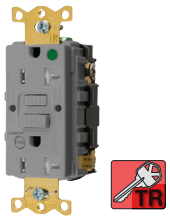
UL Standard 943
Class A GFCI

Commercial Standard and Tamper-Resistant GFCI Receptacles

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

Hospital Grade ● Standard and Tamper-Resistant

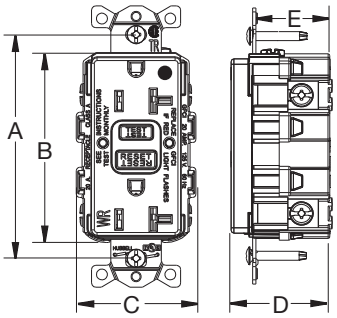




Rating	Color	Standard0	Night Light Two LED Night Lights		Alarm	
			Standard0	Tamper-Resistant	Standard0	Tamper-Resistant
NEMA 5-15, 15A 125V	Black	**GFST82BK**	**GFST82BKNL**	**GFST82BKTRNL**	**GFST82BKB**	**GFST82BKTRB**
	Brown	**GFST82**	**GFST82NL**	**GFST82TRNL**	**GFST82B**	**GFST82TRB**
	Gray	**GFST82GY**	**GFST82GYNL**	**GFST82GYTRNL**	**GFST82GYB**	**GFST82GYTRB**
	Ivory	**GFST82I**	**GFST82INL**	**GFST82ITRNL**	**GFST82IB**	**GFST82ITRB**
	Light Almond	**GFST82LA**	**GFST82LANL**	**GFST82LATRNL**	**GFST82LAB**	**GFST82LATRB**
	Red	**GFST82R**	**GFST82RNL**	**GFST82RTRNL**	**GFST82RB**	**GFST82RTRB**
	White	**GFST82W**	**GFST82WNL**	**GFST82WTRNL**	**GFST82WB**	**GFST82WTRB**
NEMA 5-20, 20A 125V	Black	**GFST83BK**	**GFST83BKNL**	**GFST83BKTRNL**	**GFST83BKB**	**GFST83BKTRB**
	Brown	**GFST83**	**GFST83NL**	**GFST83TRNL**	**GFST83B**	**GFST83TRB**
	Gray	**GFST83GY**	**GFST83GYNL**	**GFST83GYTRNL**	**GFST83GYB**	**GFST83GYTRB**
	Ivory	**GFST83I**	**GFST83INL**	**GFST83ITRNL**	**GFST83IB**	**GFST83ITRB**
	Light Almond	**GFST83LA**	**GFST83LANL**	**GFST83LATRNL**	**GFST83LAB**	**GFST83LATRB**
	Red	**GFST83R**	**GFST83RNL**	**GFST83RTRNL**	**GFST83RB**	**GFST83RTRB**
	White	**GFST83W**	**GFST83WNL**	**GFST83WTRNL**	**GFST83WB**	**GFST83WTRB**

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)



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

Hospital Grade Devices

UL Standard 943
Class A GFCI

Commercial Tamper-Resistant and Weather Resistant GFCI Receptacles

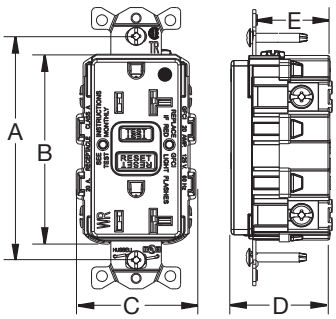
- Patented shutter design for tamper-resistant protection
- Tamper-Resistant/Weather Resistant Series meets NEC® requirements for TR (517-18c) and WR (406.9), UV and corrosion resistance for harsh and damp applications
- Weather Resistant Only Series meets NEC® requirements for weather resistance (406.9), 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

Hospital Grade ● Tamper-Resistant and Weather Resistant

Rating	Color	Standard	Isolated Ground
NEMA 5-15, 15A 125V	Black	**GFST82BKTR**	**GFST82BKIG**
	Brown	**GFST82TR**	**GFST82IG**
	Gray	**GFST82GYTR**	**GFST82GYIG**
	Ivory	**GFST82ITR**	**GFST82IIG**
	Light Almond	**GFST82LATR**	**GFST82LAIG**
	Orange	—	**GFST82ORIG**
	Red	**GFST82RTR**	**GFST82RIG**
	White	**GFST82WTR**	**GFST82WIG**
NEMA 5-20, 20A 125V	Black	**GFST83BKTR**	**GFST83BKIG**
	Brown	**GFST83TR**	**GFST83IG**
	Gray	**GFST83GYTR**	**GFST83GYIG**
	Ivory	**GFST83ITR**	**GFST83IIG**
	Light Almond	**GFST83LATR**	**GFST83LAIG**
	Orange	—	**GFST83ORIG**
	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)



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

Hospital Grade 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

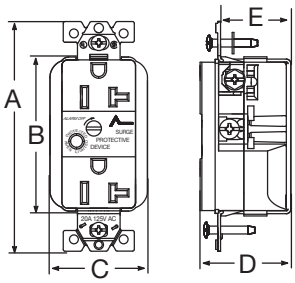
Hospital Grade ● Standard and Isolated Ground Surge Suppression Receptacles

		Surge Suppression Receptacles with Light and Alarm, 240 Joules/15,000 Amps per Mode	
Face		Nylon Face	
		Hospital Grade	
Rating	Color	Standard	with Isolated Ground
NEMA 5-15, 15A 125V	Blue	**SP82A**	**SP82IGA**
	Gray	**SP82GYA**	**SP82IGGYA**
	Ivory	**SP82IA**	**SP82IGIA**
	Orange	—	**SP82IGOA**
	Red	—	**SP82IGRA**
	White	**SP82WA**	**SP82IGWA**
NEMA 5-20, 20A 125V	Blue	**SP83A**	**SP83IGA**
	Gray	**SP83GYA**	**SP83IGGYA**
	Ivory	**SP83IA**	**SP83IGIA**
	Orange	—	**SP83IGOA**
	Red	—	**SP83IGRA**
	White	**SP83WA**	**SP83IGWA**

Product Dimensions Inches (mm)

	Receptacle
A	4.04" (102.6)
B	2.80" (71.1)
C	1.72" (43.7)
D	1.60" (40.6)
E	1.24" (31.5)

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



Lexan® is a registered trademark of Sabic Innovative Plastics.

Hospital Grade Devices

Healthcare Outlet Assemblies (HCOA)

UL2930 Listed

- First UL2930 Product Ever Sold
- 15A and 20A 125V Versions
- 6 ft. or 15 ft. Cord Length
- Surge Protected Models in all Configurations
- #12/3 AWG Cord

Surge Protection Plug Strips

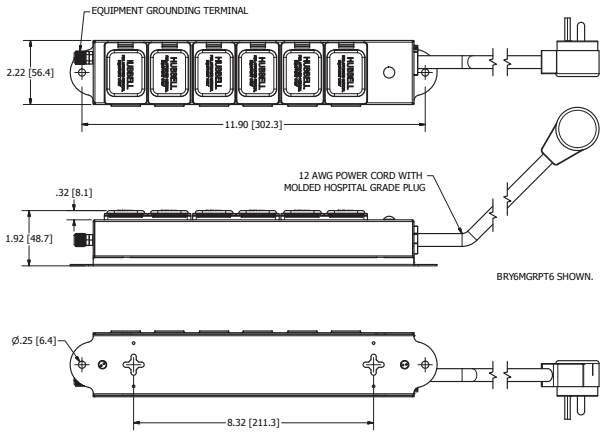
		UL2930 Health Care Outlet Assembly (HCOA)	
Number of Outlets		Six	
Joule Rating		1100	
Peak AMP Rating		30 kA	
Down Line Warranty		$2,500	
Length		6 Foot	15 Foot
UL 2930 HCOA with L-N Surge Protection, White	15A	**BRY6MG6**	**BRY6MG15**
	20A	**BRY6MG620**	**BRY6MG1520**
UL 2930 HCOA Relocatable Power Tap (RPT), White	15A	**BRY6MGRPT6**	**BRY6MGRPT15**
	20A	**BRY6MGRPT620**	**BRY6MGRPT1520**

UL2930 Healthcare Outlet Assembly (HCOA)

	BRY6MG Series		**BRY6MGRPT** Series	
Electrical Specifications				
Current	15A	20A	15A	20A
Voltage	125V	125V	125V	125V
Frequency	60Hz	60Hz	60Hz	60Hz
Surge Component	MOV	MOV	N/A	N/A
Performance				
UL VPR L-N	600V		N/A	
L-G, N-G	N/A			
EMI Noise Filtration:	-11 dB to -68 dB (10kHz to 100MHZ)			
In (Nominal Discharge Current)	3kA			
MCOV	150V			
Peak Current Rating L-N	30KA			
Leakage Current:	<.1mA			
Total Joules (L-N)	550j			
Environmental Specifications				
Operating Temperature	-40°F to 160°F (-40°C to 70°C)			
Certifications	UL 2930; UL File # E488399; RoHs Compliant; NFPA 99 2012 ed; ANSI / IEEE Category A (HBL6MG Series Only)			

Product Dimensions Inches (mm)

	Non-Metallic Strips			Metallic Strips
	SPD and Power Strip	SPD with Fax Modem	SPD w/ 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)



Specifications are subject to change without notice.

Hospital Grade Devices

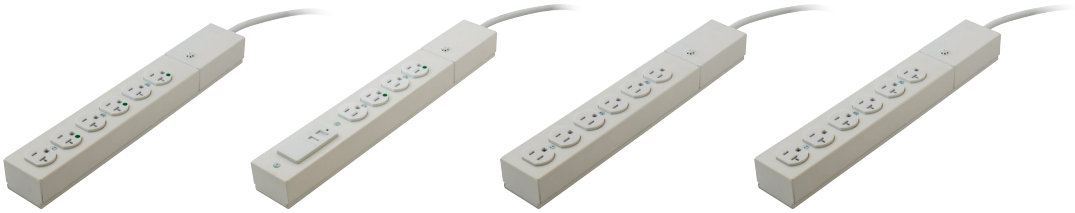
Portable Surge Protection Devices (SPD)

- 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

Listed to UL1449 and UL1363

- Hospital Grade • Tamper-Resistant Receptacles with a Hospital Grade Plug
- Heavy Duty Metal Housing
- Available with a 2-Port USB Charging Outlet
- Tamper-Resistant Receptacles with a Heavy Duty Plug
- Heavy Duty Metal Housing

Surge Protection Plug Strips



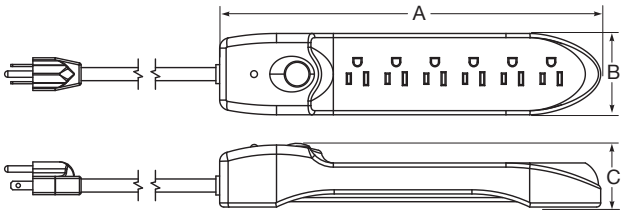
		SPD with Hospital Grade • Tamper-Resistant Receptacles		SPD with Industrial Grade Tamper-Resistant Receptacles	
Number of Outlets		Six		Six	
Joule Rating		1100			
Peak AMP Rating		30 kA			
Down Line Warranty		$2,500		$10,000	$25,000
Length		6 Foot	15 Foot	6 Foot	15 Foot
UL Type 3 SPD, Heavy Duty Metal Housing, White	15A	**BRY6HG6**	**BRY6HG15**	**BRY6SS6**	**BRY6SS15**
	20A	**BRY6HG620**	**BRY6HG1520**	**BRY6SS620**	**BRY6SS1520**
UL Type 3 SPD, Heavy Duty Metal Housing with 2-Port USB, White	15A	**BRY6HGUSB6**	–	–	–

	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**

Note: See page C-8 for technical information on plug strips.

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)



Hospital Grade Devices

Technical Specifications - Surge Receptacles

Surge Receptacles

Description	
Typical specification – catalog number	SP82IGA
Manufacturer's identification	Bryant SP82IG 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	ZinD-plated steel

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

SPD - Healthcare and Industrial Series

BRY6SS/BRY6HG Series	15 Amp	20 Amp
Electrical Specifications		
Current	15A	20A
Voltage	125V	125V
Frequency	60Hz	60Hz
Surge Component	MOV	MOV
Over Current Protection	15A CB	20A CB
2-Port USB (BRY6HGUSB6)	5V DC Type A	N/A
UL VPR	L-N 500V, L-G 600V, N-G 600V	
MCOV	150V	
Peak Current Rating L-N	30KA	
Leakage Current:	<.5mA	
EMI / RFI Noise Rejection	-11 dB to -68 dB (10kHz to 100MHZ)	
Total Joules (all modes)	1100j	
Certifications		
cULus Listed to UL1449 4th Edition; UL File # E143272; RoHs Compliant; NFPA 99 2012 ed; ANSI / IEEE Category A; cULus Listed to UL1310 (2-Port USB)		
Environmental Specifications		
Operating Temperature	-40°F to 160°F (-40°C to 70°C)	

SPD - Commercial and Residential Series

	BRYPS350 Series	BRYPS1050 Series	BRYPS2100 Series	BRYMPS1050 Series
Operating Specifications				
MCOV	130V			
Max Surge Current	6.5kA	19.5kA	39.0kA	19.5kA
Frequency	50/60Hz			
Operating Temperature	-40°F to 160°F (-40°C to 70°C)			
Physical Specifications				
Housing Type	ABS			Metal
Color	Office White			
Performance				
UL VPR	400V			
EMI / RFI Noise Rejection	-	-20dB		-
Warranty				
Downline Warranty	$2,500	$10,000	$25,000	$2,500
Certification	UL 1449 3rd Edition			

Specifications are subject to change without notice.

Section C

Ground Fault Devices

Table of Contents Page

Bryant GFCI Receptacles

Bryant Self-Test GFCI Patented Technology and Features C-2

Commercial GFCI Receptacles

Tamper-Resistant C-3
Standard and Hospital Grade C-4
Tamper-Resistant and Weather-Resistant C-5
Weather-Resistant Only C-5
Common Questions and Answers C-6
Technical Specifications C-6

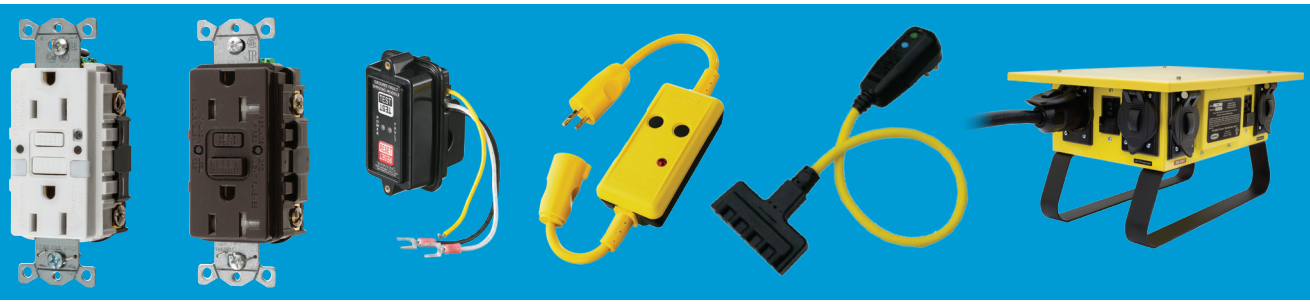
GFCI Sensing Modules C-7

Portable GFCI Products

Industrial Grade, Manual Set GFCI Line Cords C-8
Plug-In Portable GFCI. C-8
Commercial Grade, Manual and Automatic Set GFCI Line Cords. C-9
Technical Specifications C-12

Temporary Power Distribution Boxes

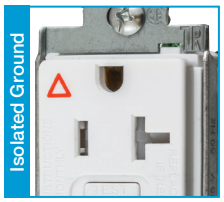
Features and Benefits. C-10
Temporary Power Boxes, Cable Sets and Replacement Parts C-11
Technical Specifications C-12

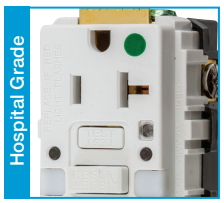


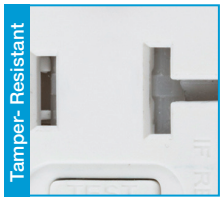
Ground Fault Devices

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** — Continuously Self-Tests 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

Specifications are subject to change without notice.

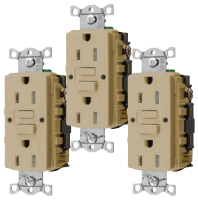
Ground Fault Devices

UL Standard 943
Class A GFCI

Commercial Tamper-Resistant GFCI Receptacles

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

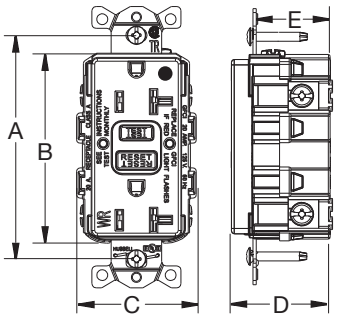
Rating	Color	Standard	Night Light Two LED Night Lights	Alarm	Combination Switch 15A 120V Switch	Standard 3-Pack Three Devices per Pack
NEMA 5-15, 15A 125V	Black	**GFTRST15BK**	**GFTRST15BKNL**	**GFTRST15BKB**	—	—
	Brown	**GFTRST15**	**GFTRST15NL**	**GFTRST15B**	—	—
	Gray	**GFTRST15GY**	**GFTRST15GYNL**	**GFTRST15GYB**	—	—
	Ivory	**GFTRST15I**	**GFTRST15INL**	**GFTRST15IB**	**GFSPST15I**	**GFTRST15I3**
	Light Almond	**GFTRST15LA**	**GFTRST15LANL**	**GFTRST15LAB**	**GFSPST15LA**	**GFTRST15LA3**
	Red	**GFTRST15R**	**GFTRST15RNL**	**GFTRST15RB**	—	—
	White	**GFTRST15W**	**GFTRST15WNL**	**GFTRST15WB**	**GFSPST15W**	**GFTRST15W3**
NEMA 5-20, 20A 125V	Black	**GFTRST20BK**	**GFTRST20BKNL**	**GFTRST20BKB**	—	—
	Brown	**GFTRST20**	**GFTRST20NL**	**GFTRST20B**	—	—
	Gray	**GFTRST20GY**	**GFTRST20GYNL**	**GFTRST20GYB**	—	—
	Ivory	**GFTRST20I**	**GFTRST20INL**	**GFTRST20IB**	—	**GFTRST20I3**
	Light Almond	**GFTRST20LA**	**GFTRST20LANL**	**GFTRST20LAB**	—	**GFTRST20LA3**
	Red	**GFTRST20R**	**GFTRST20RNL**	**GFTRST20RB**	—	—
	White	**GFTRST20W**	**GFTRST20WNL**	**GFTRST20WB**	—	**GFTRST20W3**

Hospital Grade ● Tamper-Resistant

Rating	Color	Night Light Two LED Night Lights	Alarm
NEMA 5-15, 15A 125V	Black	**GFST82BKTRNL**	**GFST82BKTRB**
	Brown	**GFST82TRNL**	**GFST82TRB**
	Gray	**GFST82GYTRNL**	**GFST82GYTRB**
	Ivory	**GFST82ITRNL**	**GFST82ITRB**
	Light Almond	**GFST82LATRNL**	**GFST82LATRB**
	Red	**GFST82RTRNL**	**GFST82RTRB**
	White	**GFST82WTRNL**	**GFST82WTRB**
NEMA 5-20, 20A 125V	Black	**GFST83BKTRNL**	**GFST83BKTRB**
	Brown	**GFST83TRNL**	**GFST83TRB**
	Gray	**GFST83GYTRNL**	**GFST83GYTRB**
	Ivory	**GFST83ITRNL**	**GFST83ITRB**
	Light Almond	**GFST83LATRNL**	**GFST83LATRB**
	Red	**GFST83RTRNL**	**GFST83RTRB**
	White	**GFST83WTRNL**	**GFST83WTRB**

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)



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

Ground Fault Devices

UL Standard 943
Class A GFCI

Commercial Standard and Hospital Grade GFCI Receptacles

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

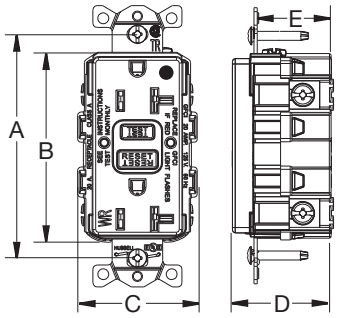
Rating	Color	Standard	Night Light Two LED Night Lights	Alarm	Blank Face Available in 20A Only	Standard 3-Pack Three Devices per Pack
NEMA 5-15, 15A 125V	Black	**GFRST15BK**	**GFRST15BKNL**	**GFRST15BKB**	**—**	**—**
	Brown	**GFRST15**	**GFRST15NL**	**GFRST15B**	**—**	**—**
	Gray	**GFRST15GY**	**GFRST15GYNL**	**GFRST15GYB**	**—**	**—**
	Ivory	**GFRST15I**	**GFRST15INL**	**GFRST15IB**	**—**	**GFRST15I3**
	Light Almond	**GFRST15LA**	**GFRST15LANL**	**GFRST15LAB**	**—**	**GFRST15LA3**
	Red	**GFRST15R**	**GFRST15RNL**	**GFRST15RB**	**—**	**—**
	White	**GFRST15W**	**GFRST15WNL**	**GFRST15WB**	**—**	**GFRST15W3**
NEMA 5-20, 20A 125V	Black	**GFRST20BK**	**GFRST20BKNL**	**GFRST20BKB**	**GFBFST20BK**	**—**
	Brown	**GFRST20**	**GFRST20NL**	**GFRST20B**	**GFBFST20**	**—**
	Gray	**GFRST20GY**	**GFRST20GYNL**	**GFRST20GYB**	**GFBFST20GY**	**—**
	Ivory	**GFRST20I**	**GFRST20INL**	**GFRST20IB**	**GFBFST20I**	**GFRST20I3**
	Light Almond	**GFRST20LA**	**GFRST20LANL**	**GFRST20LAB**	**GFBFST20LA**	**GFRST20LA3**
	Red	**GFRST20R**	**GFRST20RNL**	**GFRST20RB**	**GFBFST20R**	**—**
	White	**GFRST20W**	**GFRST20WNL**	**GFRST20WB**	**GFBFST20W**	**GFRST20W3**

Hospital Grade ●

Rating	Color	Standard0	Night Light Two LED Night Lights	Alarm
NEMA 5-15, 15A 125V	Black	**GFST82BK**	**GFST82BKNL**	**GFST82BKB**
	Brown	**GFST82**	**GFST82NL**	**GFST82B**
	Gray	**GFST82GY**	**GFST82GYNL**	**GFST82GYB**
	Ivory	**GFST82I**	**GFST82INL**	**GFST82IB**
	Light Almond	**GFST82LA**	**GFST82LANL**	**GFST82LAB**
	Red	**GFST82R**	**GFST82RNL**	**GFST82RB**
	White	**GFST82W**	**GFST82WNL**	**GFST82WB**
NEMA 5-20, 20A 125V	Black	**GFST83BK**	**GFST83BKNL**	**GFST83BKB**
	Brown	**GFST83**	**GFST83NL**	**GFST83B**
	Gray	**GFST83GY**	**GFST83GYNL**	**GFST83GYB**
	Ivory	**GFST83I**	**GFST83INL**	**GFST83IB**
	Light Almond	**GFST83LA**	**GFST83LANL**	**GFST83LAB**
	Red	**GFST83R**	**GFST83RNL**	**GFST83RB**
	White	**GFST83W**	**GFST83WNL**	**GFST83WB**

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

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

Tamper-Resistant Weather-Resistant

Rating	Color	Standard	Isolated Ground
NEMA 5-15, 15A 125V	Black	**GFTWRST15BK**	**GFTWRST15BKIG**
	Brown	**GFTWRST15**	**GFTWRST15IG**
	Gray	**GFTWRST15GY**	**GFTWRST15GYIG**
	Ivory	**GFTWRST15I**	**GFTWRST15IIG**
	Light Almond	**GFTWRST15LA**	**GFTWRST15LAIG**
	Orange	—	**GFTWRST15ORIG**
	Red	**GFTWRST15R**	**GFTWRST15RIG**
	White	**GFTWRST15W**	**GFTWRST15WIG**
NEMA 5-20, 20A 125V	Black	**GFTWRST20BK**	**GFTWRST20BKIG**
	Brown	**GFTWRST20**	**GFTWRST20IG**
	Gray	**GFTWRST20GY**	**GFTWRST20GYIG**
	Ivory	**GFTWRST20I**	**GFTWRST20IIG**
	Light Almond	**GFTWRST20LA**	**GFTWRST20LAIG**
	Orange	—	**GFTWRST20ORIG**
	Red	**GFTWRST20R**	**GFTWRST20RIG**
	White	**GFTWRST20W**	**GFTWRST20WIG**

Weather-Resistant Only

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

Hospital Grade ● Tamper-Resistant Weather-Resistant

Rating	Color	Standard	Isolated Ground
NEMA 5-15, 15A 125V	Black	**GFST82BKTR**	**GFST82BKIG**
	Brown	**GFST82TR**	**GFST82IG**
	Gray	**GFST82GYTR**	**GFST82GYIG**
	Ivory	**GFST82ITR**	**GFST82IIG**
	Light Almond	**GFST82LATR**	**GFST82LAIG**
	Orange	—	**GFST82ORIG**
	Red	**GFST82RTR**	**GFST82RIG**
	White	**GFST82WTR**	**GFST82WIG**
NEMA 5-20, 20A 125V	Black	**GFST83BKTR**	**GFST83BKIG**
	Brown	**GFST83TR**	**GFST83IG**
	Gray	**GFST83GYTR**	**GFST83GYIG**
	Ivory	**GFST83ITR**	**GFST83IIG**
	Light Almond	**GFST83LATR**	**GFST83LAIG**
	Orange	—	**GFST83ORIG**
	Red	**GFST83RTR**	**GFST83RIG**
	White	**GFST83WTR**	**GFST83WIG**

Product Dimensions Inches (mm)

	GFCI Receptacle
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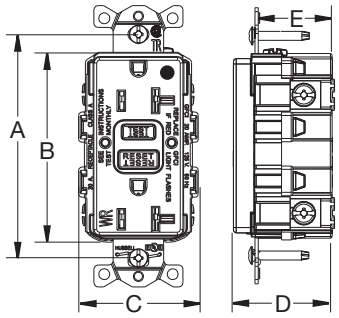

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Ground Fault Devices

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

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

GFCI Sensing Module Circuit Breakers

Catalog Number Configurator

Example Catalog Number: **GFMDCB120401P**

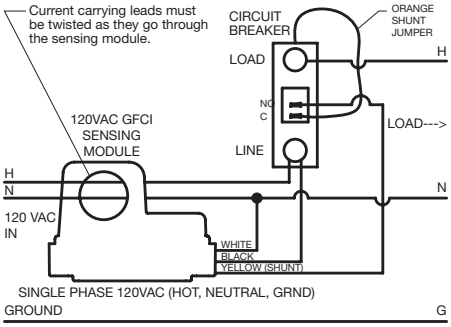
GFMDCB*	**120**	**40**	**1P**
GROUND **F**AULT	120V AC	1 thru 50 Amp	1P
MO**D**ULE	240V AC		2P
CIRCUIT **B**REAKER	120/240V AC		3P

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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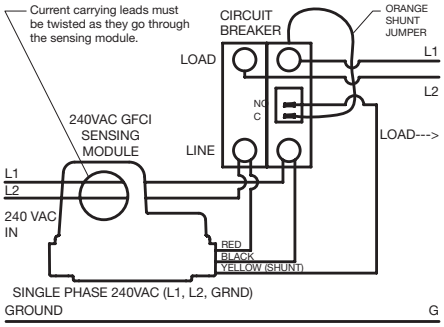

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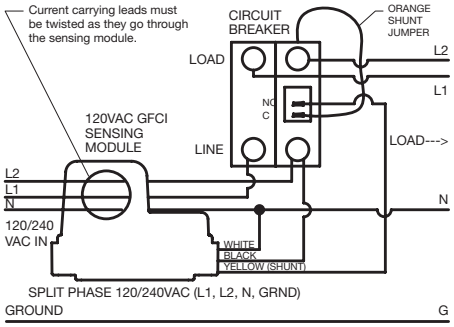


Ground Fault Devices

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)

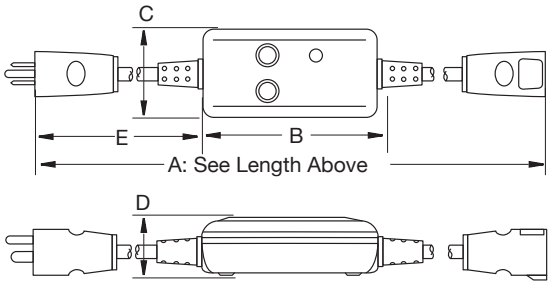
Description	18 In. (45.7)	6' (182.9)	25' (762.0)
15A 120V AC, #14-3 SJTW-A	**GFCI115**	**GFCI615**	**GFCI2515**

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)



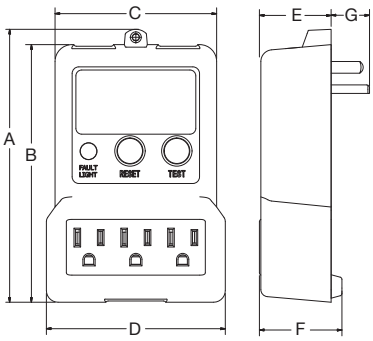
Plug-In Portable GFCI

- 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	3.82" (97.0)
E	1.53" (38.9)
F	1.76" (44.7)
G	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)

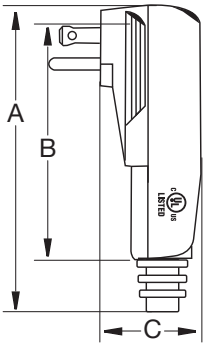
		GFCI Line Cord			In-Line GFCI	
		Single Tap		Triple Tap	Single Tap	Triple Tap
Description	Set	2' (61.0)	25' (762.0)	2' (61.0)	2' (61.0)	2' (61.0)
15A 120V AC, 12/3 SJEOW	Automatic	**GFC2A**	**—**	**GFC2TRIA**	**GFCI15125A**	**GFCI15125TRIA**
	Manual	**GFC2M**	**GFC25M**	**GFC2TRIM**	**GFCI15125M**	**GFCI15125TRIM**

OEM Equipment Integrated Cord Sets Feet (cm)

		GFCI with Flying Leads 15 (457.2)	Field Wireable Black Plug
Description	Set		
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)



“LED” indicator

Reset button green color

Test button blue color

Warning label engraved

Ground Fault Devices

Temporary Power Distribution Boxes

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

Features and Benefits

Housing Design

- Durable hi-visibility yellow powder coated steel construction
- Weatherproof receptacle lift covers
- Features 50A locking input and output

Receptacles

- Available with six 20A straight blade or locking covered receptacles

Safety

- Over current protection for each circuit
- Individual GFCI module for each receptacle
- NEMA 3R enclosures

Leg Design

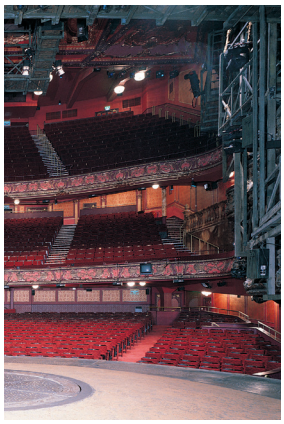
- Nesting leg design allows boxes to be easily stacked, saving space in the warehouse and on the truck

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

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

Specifications are subject to change without notice.

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

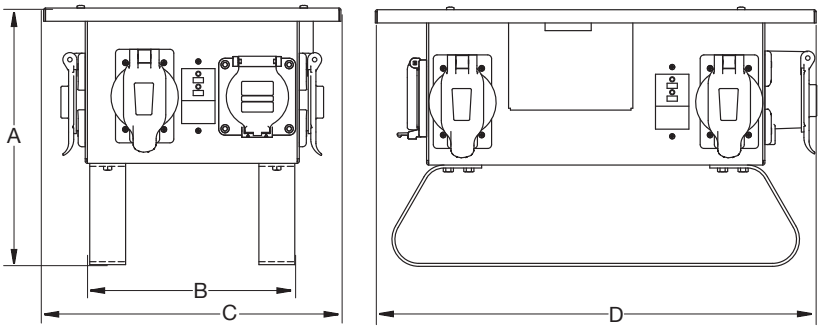
Description	50 Ft. Cable	100 Ft. Cable
50A cord set, #6/3, #8/1 cable type, with 50A locking plug and connector, not UL Listed or CSA Certified	**TPC50B***	**TPC100B***

Replacement Parts

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

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 D

Surge and Isolated Ground Devices

Table of Contents Page

Surge Suppression Receptacles

Hospital and Specification Grade Receptacles D-2
QUADPLEX® Receptacles. D-3
Cord Sets and Electrical Specifications D-3

Portable Surge Protection Devices

Healthcare Outlet Assemblies (HCOA) D-4
Portable Surge Protection Devices (SPD). D-5

Isolated Ground Receptacles

Straight Blade 15, 20, 30 and 50 Amp Receptacles D-6
Locking 15, 20 and 30 Amp Receptacles. D-7

Technical Specifications

Surge Suppression Receptacles. D-8
Portable Surge Protection Devices (SPD). D-8

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

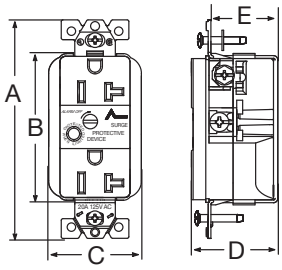
Hospital Grade ● and Specification Grade, Standard and Isolated Ground Surge Suppression Receptacles

		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**

Product Dimensions Inches (mm)

	Receptacle
A	4.04" (102.6)
B	2.80" (71.1)
C	1.72" (43.7)
D	1.60" (40.6)
E	1.24" (31.5)

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



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Surge and Isolated Ground Devices

QUADPLEX® 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

QUADPLEX® Receptacles

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)

Color	Adapter Plates For 1- and 2-Gang Device Boxes	Portable 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.*

Cord Sets

	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

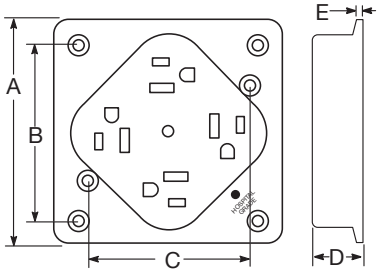
- Transient suppression capacity peak energy 80 joules for a 10 X 1000 µS* pulse
- Common and normal mode protection, common mode transients: hot to ground and neutral to ground, normal mode transients: hot to neutral
- Maximum clamping voltage test current 100 amperes peak (8X20µS*), 360 volts
- Varistor 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).*

Product Dimensions Inches (mm)

	QUADPLEX®
A	4.30" (109.2)
B	3.38" (85.9)
C	3.02" (76.7)
D	0.92" (23.4)
E	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

Healthcare Outlet Assemblies (HCOA)

UL2930 Listed

- 15A and 20A 125V Versions
- 6 ft. or 15 ft. Cord Length
- Surge Protected Models in all Configurations
- #12/3 AWG Cord

Surge Protection Plug Strips

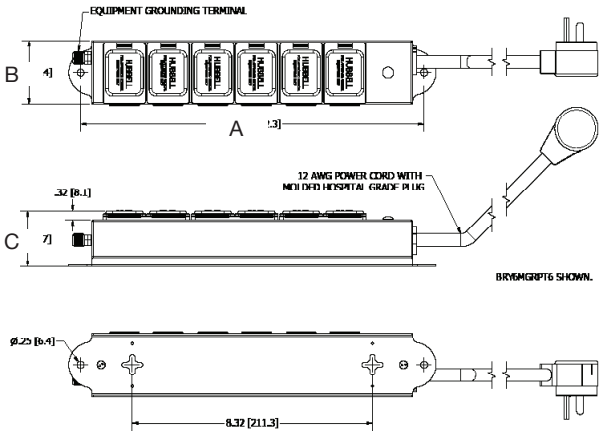
		UL2930 Health Care Outlet Assembly (HCOA)	
Number of Outlets		Six	
Joule Rating		1100	
Peak AMP Rating		30 kA	
Down Line Warranty		$2,500	
Length		6 Foot	15 Foot
UL 2930 HCOA with L-N Surge Protection, White	15A	**BRY6MG6**	**BRY6MG15**
	20A	**BRY6MG620**	**BRY6MG1520**
UL 2930 HCOA Relocatable Power Tap (RPT), White	15A	**BRY6MGRPT6**	**BRY6MGRPT15**
	20A	**BRY6MGRPT620**	**BRY6MGRPT1520**

UL2930 Healthcare Outlet Assembly (HCOA)

	BRY6MG Series		**BRY6MGRPT** Series	
Electrical Specifications				
Current	15A	20A	15A	20A
Voltage	125V	125V	125V	125V
Frequency	60Hz	60Hz	60Hz	60Hz
Surge Component	MOV	MOV	N/A	N/A
Performance				
UL VPR L-N	600V		N/A	
L-G, N-G	N/A			
EMI Noise Filtration:	-11 dB to -68 dB (10kHz to 100MHZ)			
In (Nominal Discharge Current)	3kA			
MCOV	150V			
Peak Current Rating L-N	30KA			
Leakage Current:	<.1mA			
Total Joules (L-N)	550j			
Environmental Specifications				
Operating Temperature	-40°F to 160°F (-40°C to 70°C)			
Certifications	UL 2930; UL File # E488399; RoHs Compliant; NFPA 99 2012 ed; ANSI / IEEE Category A (HBL6MG Series Only)			

Product Dimensions Inches (mm)

	UL 2930 HCOA	
	with Surge Protection	with Relocatable Power Tap
A	11.90" (302.5)	15.20" (386.1)
B	2.22" (56.4)	2.22" (56.4)
C	1.92" (48.7)	1.92" (48.7)

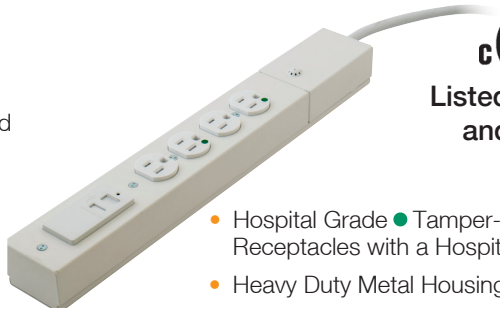


Specifications are subject to change without notice.

Surge and Isolated Ground Devices

Portable Surge Protection Devices (SPD)

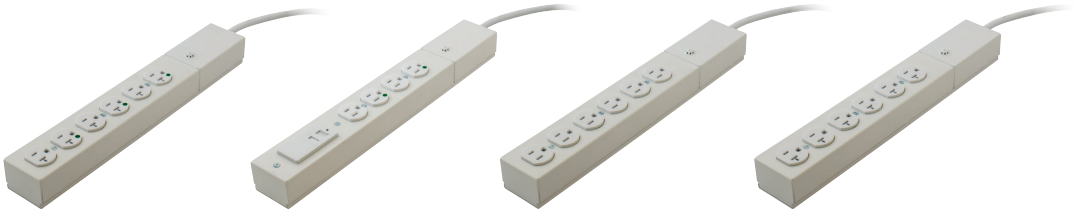
- Metallic and non-metallic units
- Six, seven and eight outlet units
- No surge, 350 joule, 1050 joule and 2100 joule protection units
- Transformer spaced outlets available on some units
- 15A resettable ON/OFF circuit breaker switch and power and ground indicating LEDs
- Available with fax/modem,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



c UL us
Listed to UL1449 and UL1363

- Hospital Grade ● Tamper-Resistant Receptacles with a Hospital Grade Plug
- Heavy Duty Metal Housing
- Available with a 2-Port USB Charging Outlet
- Tamper-Resistant Receptacles with a Heavy Duty Plug
- Heavy Duty Metal Housing

Surge Protection Plug Strips



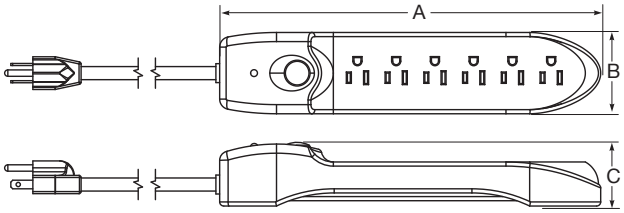
		SPD with Hospital Grade • Tamper-Resistant Receptacles		SPD with Industrial Grade Tamper-Resistant Receptacles	
Number of Outlets		Six		Six	
Joule Rating		1100			
Peak AMP Rating		30 kA			
Down Line Warranty		$2,500		$10,000	$25,000
Length		6 Foot	15 Foot	6 Foot	15 Foot
UL Type 3 SPD, Heavy Duty Metal Housing, White	15A	**BRY6HG6**	**BRY6HG15**	**BRY6SS6**	**BRY6SS15**
	20A	**BRY6HG620**	**BRY6HG1520**	**BRY6SS620**	**BRY6SS1520**
UL Type 3 SPD, Heavy Duty Metal Housing with 2-Port USB, White	15A	**BRY6HGUSB6**	–	–	–

	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**

Note: See page D-8 for technical information on plug strips.

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)



Surge and Isolated Ground Devices

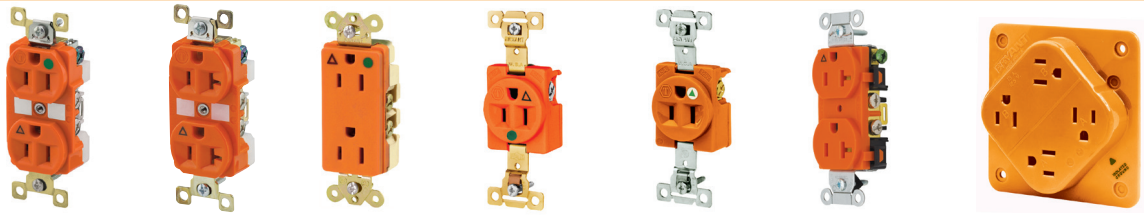
Isolated Ground Straight Blade Receptacles

- 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

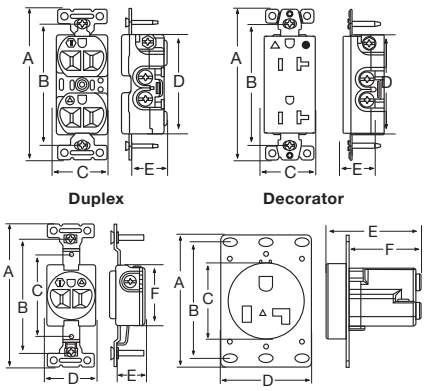
Pre-Marked Wallplates

Opening	Color	"Isolated Ground"	"Emergency"
Duplex	Orange	**P8OIG**	—
Duplex	Red	—	**PJ8RMEV**
Single receptacle	Orange	**P7OIG**	—
Decorator type	Orange	**P26OIG**	—
Locking 1.60" (40.6) ID	Orange	**P720OIG**	—

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**	—	—
	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**

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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Surge and Isolated Ground Devices

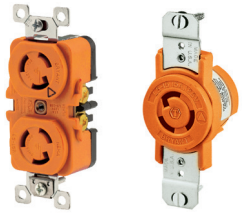
Isolated Ground Locking Receptacles

- 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

Opening	Color	"Isolated Ground"	"Emergency"
Duplex	Orange	**P8OIG**	—
Duplex	Red	—	**PJ8RMEV**
Single receptacle	Orange	**P7OIG**	—
Decorator type	Orange	**P26OIG**	—
Locking 1.60" (40.6) ID	Orange	**P720OIG**	—

Extra Heavy Duty Industrial Grade Receptacles



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**

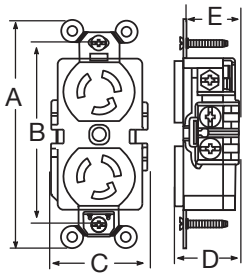
*Note: *Reinforced Thermoplastic Polyester.*
***See page G-7 for dimensions on 4710 and 70615 series receptacles.*

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**

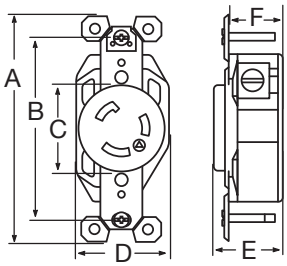
Amp	30A
Face	RTP Nylon Face, Orange
Wiring	Back and Side Wired
Style	Single
NEMA L5-30, 30A 125V, 2-Pole 3-Wire	**70530IG**
NEMA L6-30, 30A 250V, 2-Pole 3-Wire	**70630IG**
NEMA L14-30, 30A 125/250V, 3-Pole 4-Wire	**71430IG**
NEMA L21-30, 30A 120/208V 3ØY, 4-Pole 5-Wire	**72130IG**

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	ZinD-plated steel

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

SPD - Healthcare and Industrial Series

BRY6SS/BRY6HG Series	15 Amp	20 Amp
Electrical Specifications		
Current	15A	20A
Voltage	125V	125V
Frequency	60Hz	60Hz
Surge Component	MOV	MOV
Over Current Protection	15A CB	20A CB
2-Port USB (BRY6HGUSB6)	5V DC Type A	N/A
UL VPR	L-N 500V, L-G 600V, N-G 600V	
MCOV	150V	
Peak Current Rating L-N	30KA	
Leakage Current:	<.5mA	
EMI / RFI Noise Rejection	-11 dB to -68 dB (10kHz to 100MHZ)	
Total Joules (all modes)	1100j	
Certifications		
cULus Listed to UL1449 4th Edition; UL File # E143272; RoHs Compliant; NFPA 99 2012 ed; ANSI / IEEE Category A; cULus Listed to UL1310 (2-Port USB)		
Environmental Specifications		
Operating Temperature	-40°F to 160°F (-40°C to 70°C)	

SPD - Commercial and Residential Series

	BRYPS350 Series	BRYPS1050 Series	BRYPS2100 Series	BRYMPS1050 Series
Operating Specifications				
MCOV	130V			
Max Surge Current	6.5kA	19.5kA	39.0kA	19.5kA
Frequency	50/60Hz			
Operating Temperature	-40°F to 160°F (-40°C to 70°C)			
Physical Specifications				
Housing Type	ABS			Metal
Color	Office White			
Performance				
UL VPR	400V			
EMI/RFI Noise Rejection	-	-20dB		-
Warranty				
Downline Warranty	$2,500	$10,000	$25,000	$2,500
Certification	UL 1449 3rd Edition			

Specifications are subject to change without notice.

Section E

Switches

Table of Contents Page

Industrial Grade Switches

Extra Heavy Duty Standard, Illuminated and Pilot Toggle Switches E-2
Extra Heavy Duty Locking Switches E-3
Maintained and Momentary Contact Switches E-3
Push Button Switches and Weatherproof Cover E-4

Specification Grade Switches

Heavy Duty Toggle Switches E-4

Commercial Grade Switches

Toggle and Decorator Rocker Switches E-5

Residential Grade Switches

Standard, Illuminated and Pilot Toggle and Decorator Rocker Switches E-6
Combination Switches in Toggle and Decorator Rocker Series E-7
USB Switch Combo Outlet E-7
Combination Pilot Light in Toggle and Decorator Rocker Series E-8

Accessories

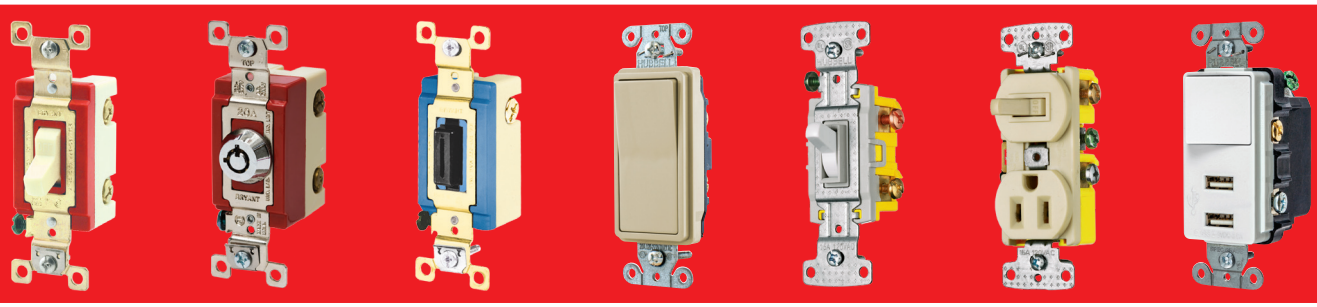
Pilot Lights and Accessories E-8
Door Switches E-9
In-Line Cord Switches E-9

Technical Specifications E-10

Wiring Diagrams E-11

Motor Controllers and Disconnects (See Section G for Product Details)

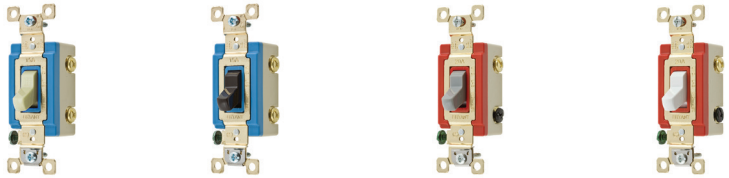
Quick Reference Guide E-12



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

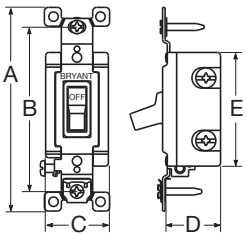


Amp	Color	Single Pole	Double Pole	3-Way	4-Way
15A 120-277V AC	Black	**4801BLK**	**4802BLK**	**4803BLK**	**4804BLK**
	Brown	**4801**	**4802**	**4803**	**4804**
	Gray	**4801GRY**	**4802GRY**	**4803GRY**	**4804GRY**
	Ivory	**4801I**	**4802I**	**4803I**	**4804I**
	Red	**4801RED**	**4802RED**	**4803RED**	**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	—	—	—	

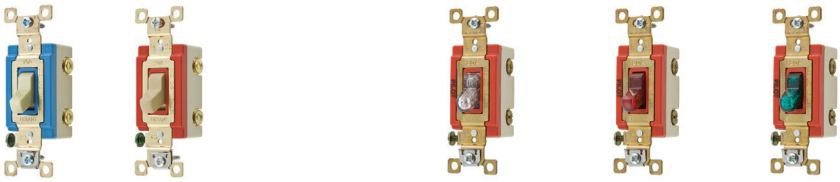
Product Dimensions

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)



Illuminated and Pilot Toggle Switches, Back and Side Wired



Illuminated Toggle Switch Illuminates when Switch is OFF			
Amp	Color	Single Pole	3-Way
15A 120-277V AC	Ivory	**4801GLI**	**4803GLI**
20A 120-277V AC	Clear	**4901GLC**	**4903GLC**
	Ivory	**4901GLI**	**4903GLI**

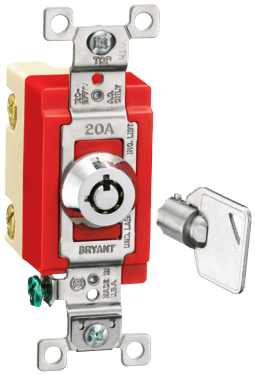
Pilot Toggle Switch Illuminates when Switch is ON				
Amp	Color	Single Pole	Double Pole	3-Way
20A 120V AC	Clear	**4901PLC120**	—	**4903PLC120**
	Green	**4901PLG120**	—	—
	Red	**4901PLR120**	**4902PLR120**	**4903PLR120**
20A 277V AC	Clear	**4901PLC277**	—	—
	Red	**4901PLR277**	**4902PLR277**	**4903PLR277**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

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

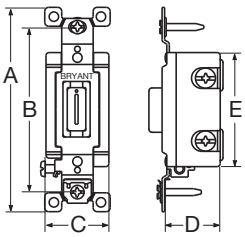
Description	Amp	Single Pole	Double Pole	3-Way	4-Way
Locking switch, straight key included	15A 120-277V AC	**4801L**	**4802L**	**4803L**	**4804L**
	20A 120-277V AC	**4901L**	**4902L**	**4903L**	**4904L**
Barrel locking switch, barrel key included	20A 120-277V AC	**4901RKL**	**4902RKL**	**4903RKL**	**4904RKL**

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

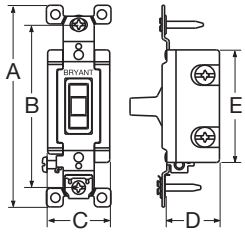
Three-Position Two-Circuit Maintained and Momentary Contact Switches, "Center OFF"

		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)



Push Button Switches

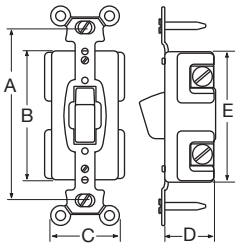
Push Button Switches

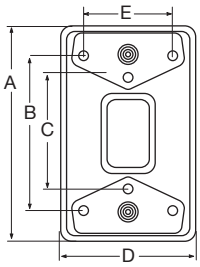
Description	Color	Push Button Switch			
		Single Pole	Double Pole	3-Way	4-Way
Standard, 20A 120-277V AC	Brown	**4981**	**4982**	**4983***	**4984***
Pilot light, pilot illuminates when switch is ON, 20A 120V AC	Red	**4997PLR**	—	**4998PLR***	—

*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

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

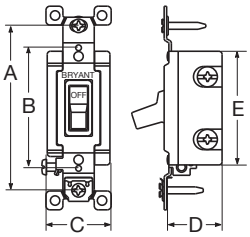
Heavy Duty Specification Grade Self-Grounding Toggle Switches, Back and Side Wired

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

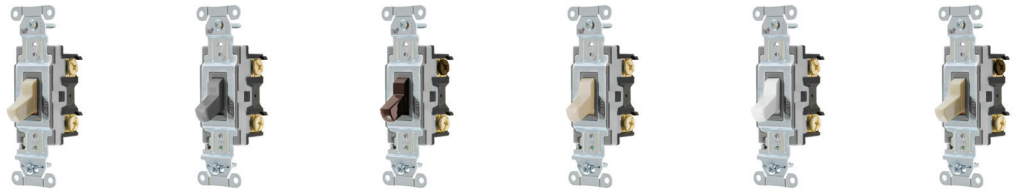
Inches (mm)

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)



Commercial Grade Toggle and Decorator Rocker Switches

Commercial Grade Self-Grounding Toggle Switches



	Wiring	Back and Side Wired				Side Wired Only	
Amp	Color	Single Pole	Double Pole	3-Way	4-Way	Single Pole	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**

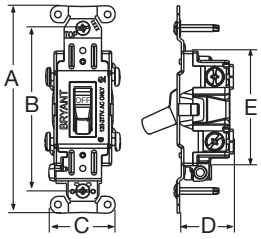
Commercial Grade Self-Grounding Decorator Rocker Switches, Back and Side Wired

		Standard Decorator Rocker				Illuminated Rocker Illuminates when switch is OFF		Pilot Light Rocker Illuminates when switch is ON	Rocker with Nightlight
Amp	Color	Single Pole	Double Pole	3-Way	4-Way	Single Pole	3-Way	Single Pole	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)



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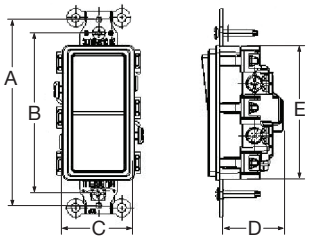


Decorator

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

	Toggle Switch					Decorator Switch			
Wiring	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**

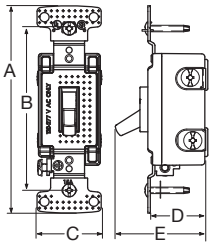
Residential Grade Illuminated Toggle, Illuminated and Pilot Decorator Rocker Switches, 15A 120V AC

	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**

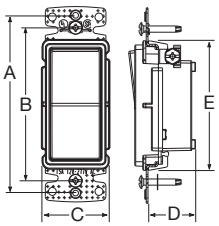
Product Dimensions

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

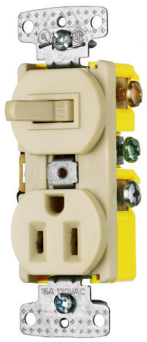


Decorator

Specifications are subject to change without notice.

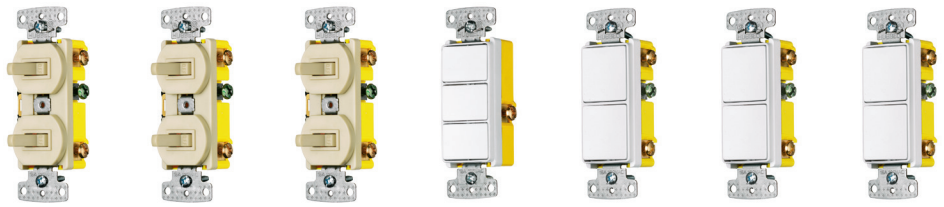
Switches

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



	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

		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	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**	—

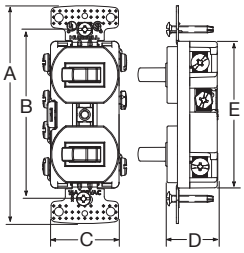
Note: See page R-6 for tamper-resistant description.

Product Dimensions

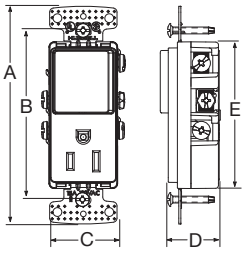
Inches (mm)

	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)

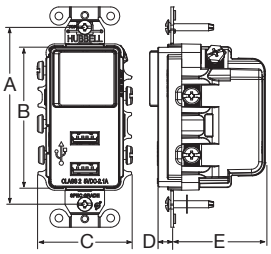
	USB Combo
A	3.28" (83.3)
B	2.62" (66.5)
C	1.75" (44.5)
D	0.29" (7.4)
E	1.72" (43.7)



Toggle



Decorator



USB Combo

Residential Grade Combination Devices

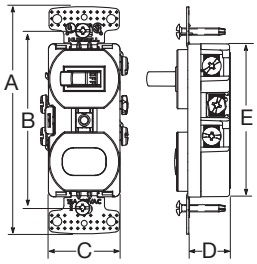
Residential Grade Combination Switch and Pilot Light

	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

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

Toggle Switch Lockout

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

Note: Not UL Listed or CSA Certified.

Accessories

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

Note: Not UL Listed or CSA Certified.

Door Switch Accessories

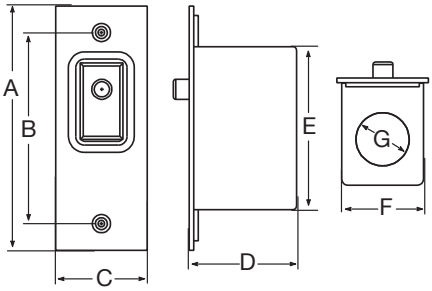
Compact Design Door Switches and Replacement Switches

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

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, ⅙ HP	Ivory White	**RS101I** **RS101W**

Switches

Technical Specifications

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 WE-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		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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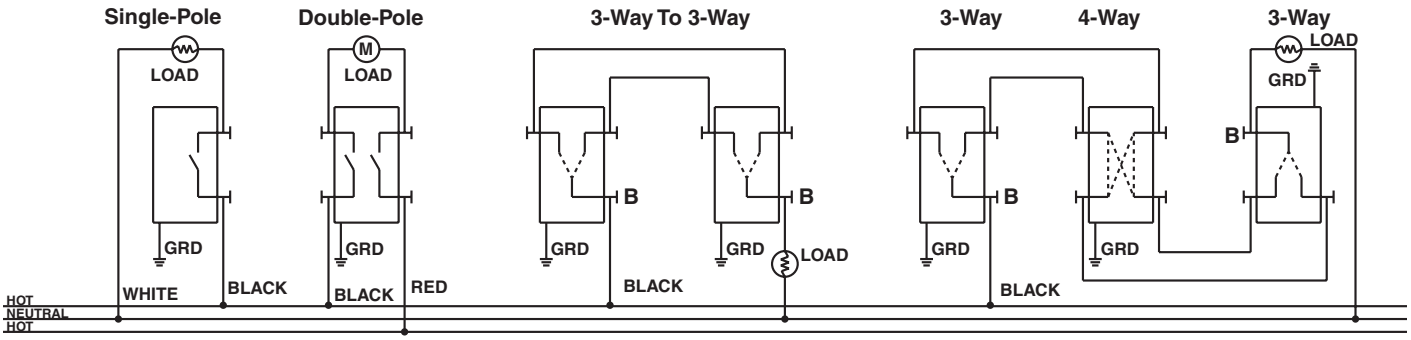
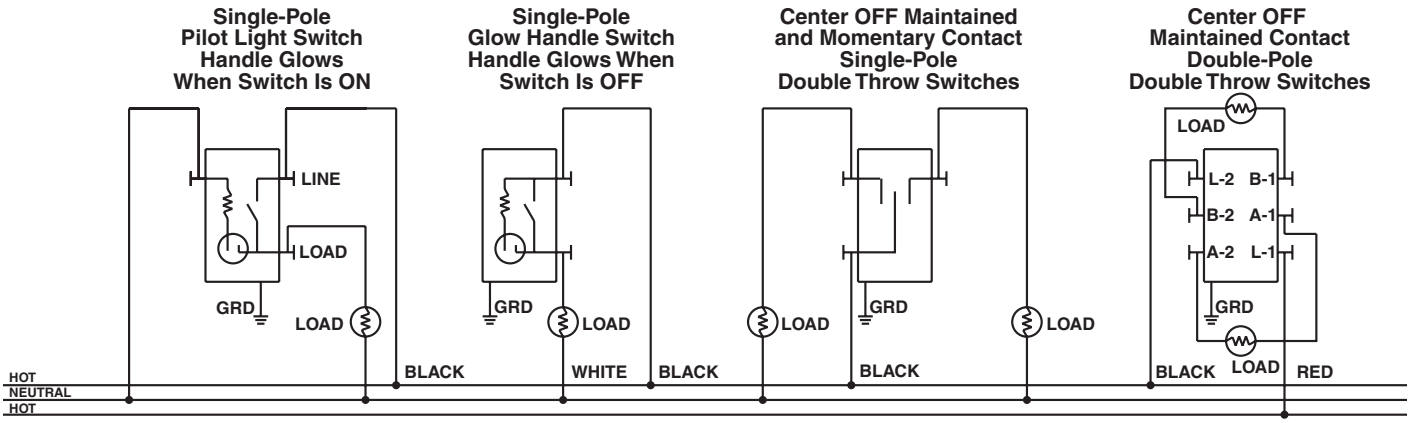
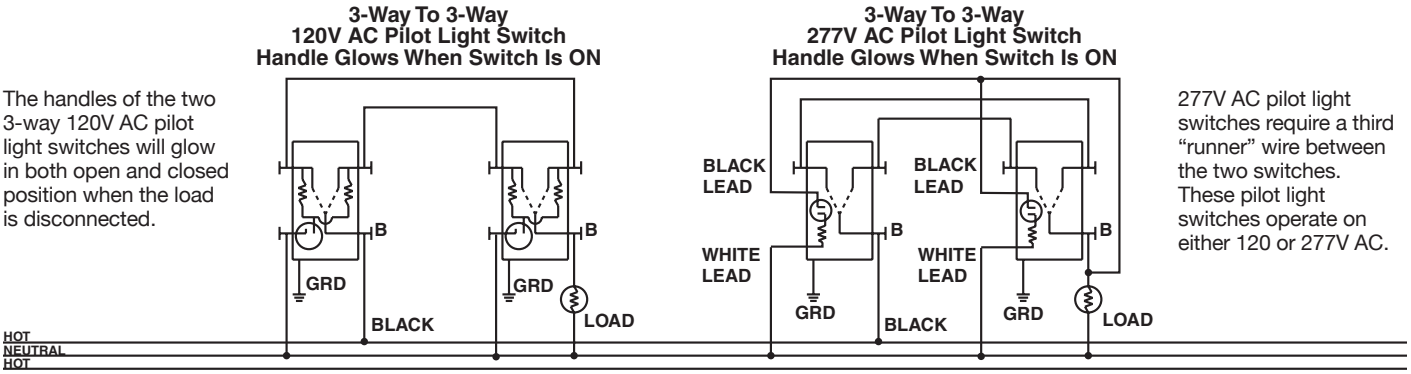
AC Switches



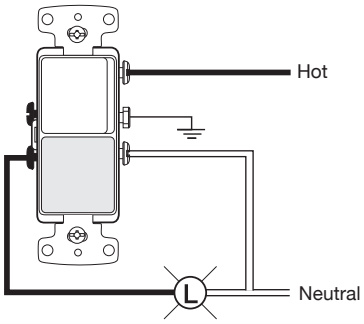


The handles of the two 3-way 120V AC pilot light switches will glow in both open and closed position when the load is disconnected.

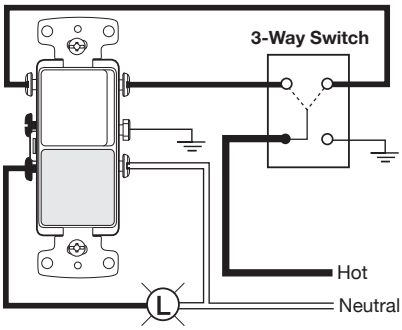


277V AC pilot light switches require a third "runner" wire between the two switches. These pilot light switches operate on either 120 or 277V AC.

Pilot Light Wiring Diagram
Single Pole



Pilot Light Wiring Diagram
3-Way



Toggle AC Motor Controllers Suitable as Disconnects (See Section G 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.*

Rotary AC Manual Motor Controllers Suitable as Disconnects (See Section G 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**

Toggle and Rotary Enclosed Switches Suitable as Disconnects (See Section G 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**

Accessories (See Section G 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 F

Occupancy Sensors and Lighting Controls

Table of Contents Page

Energy Savings with Occupancy Sensors F-2

Sensor Application Chart F-3

Occupancy and Vacancy Sensors - Wall Switches

Adaptive Technology Dual and Ultrasonic Wall Switches F-5
Adaptive and Non-Adaptive Passive Infrared Wall Switches F-6

Digital Timers and Low Voltage Switches F-7

Occupancy Sensors - Ceiling and Wall Mount Sensors

Adaptive Technology Ceiling Sensors. F-9
Line Voltage and Low Voltage Ceiling Sensors F-9
Wall Mount Sensors F-9
Control Units and Add-A-Relay F-9
Sensor Accessories. F-7

High Bay and Low Bay Sensors and Controls

OPTIMYZER® High Bay Controls F-10

Harsh Environment Occupancy Sensors F-11

Permanently Marked Receptacles for Automatic Outlet Control Systems F-13

Dimmers and Fan Speed Controls

Architectural Grade Preset Slide Dimmers F-14
Specification Grade Dimmers and Fan Speed Controls. F-15
Replacement Control Knobs. F-15

Specifications and Wiring Schematics

Wall Switch Sensors F-16
Ceiling and Wall Mount Sensors. F-18
Control Units and Add-A-Relay F-18
OPTIMYZER® High Bay Controls F-21
Harsh Environment Occupancy Sensors F-21

Occupancy Sensors and Lighting Controls

Energy Savings with Occupancy Sensors

Energy Consumption and Standards Compliance

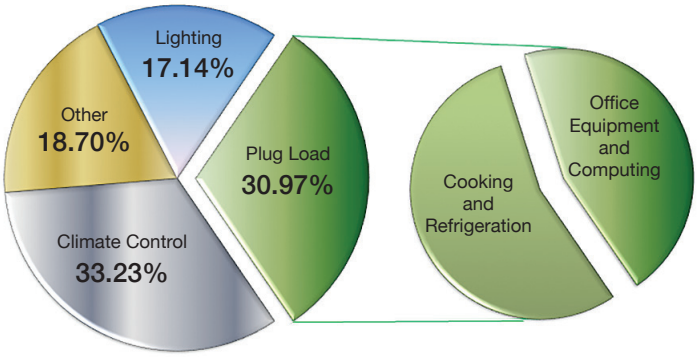
Electricity consumption in commercial buildings has changed dramatically over the past decade. Energy efficient lighting sources like LEDs have reduced their contribution on a commercial building's total electricity consumption from 40% to approximately 17%. Today plug and process loads consume up to 30% of a typical commercial building's energy costs. Energy Efficiency Codes & Standards are becoming more stringent in an effort to reduce energy consumption in all areas of commercial buildings.

Hubbell Load:Logic® series of control devices offers a broad range of space, centralized and distributed controls that meet the latest codes and standards and qualify for LEED certification points. Hubbell devices feature ease of installation, setup, operation and commissioning process. The result is an "install-and-forget" experience.

Additional features include:

- Occupancy or time-based controls
- Integration with third party energy management or climate control systems
- Manual ON mode requires user operation to turn lights ON but automatically turns lights OFF when a space is unoccupied after a specified period of time
- Daylight Harvesting sensors for dimming or to keep the lights OFF when natural light is sensed
- Automatic receptacle control

Commercial Buildings Electricity Consumption



Electrical bill impact for a typical office building

Adaptive Technology Provides Better Control

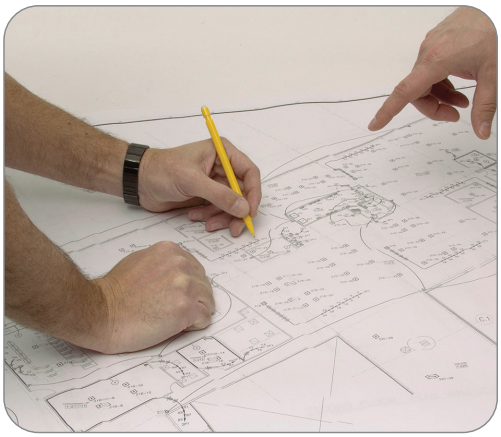
Bryant's patented breakthrough in advanced control feature smart microprocessors constantly monitoring the controlled area and adjust the sensitivity and timer based on environmental history.

- Lower energy costs and utility bills
- No need to manually adjust for occupancy changes

Backed by Bryant Service and Support

Bryant Energy Efficiency Solutions focuses on environmental stewardship, innovative products and efficient building operations. Bryant also offers superior service and support with:

- Online worksheets for calculating energy savings and ROI
- Detailed online F-learning courses
- Product selection guide to assist in choosing the right technology
- Online specification assistance
- Comprehensive layout and takF-off services
- Highly knowledgeable network of trained professionals and staff
- BIM models and 3D coverage patterns



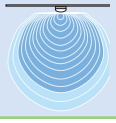
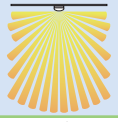
LEED® is a registered trademark of the U.S. Green Building Council.

Occupancy Sensors and Lighting Controls

Sensor Application Chart

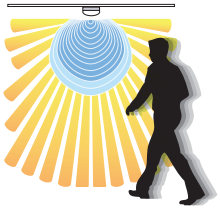
Typical Applications

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		✓+		✓+	✓		✓+	✓

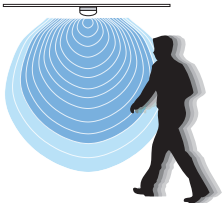
How to Select the Right Technology for the Proper Application

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)

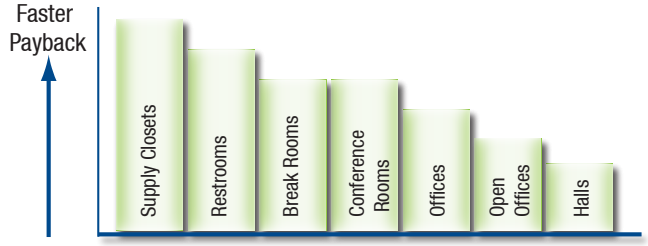


Ultrasonic (US) technology senses occupancy by bouncing sound waves (32 kHz - 45 kHz) off of objects and detecting a frequency shift between the emitted and reflected sound waves. Movement by a person or object within a space causes a shift in frequency, which the sensor interprets as occupancy. While 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 linF-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 linF-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.

Application ROI Index



Based on average occupancy and installation complexity.

Dual (Ultrasonic and Passive Infrared)

Combines PIR and US technology, minimizing the risk of lights turning ON when the space is unoccupied. Once occupancy is detected by both technologies within the space lights are turned ON, only one technology is necessary to keep the lights ON.

Adaptive technology provides better control. Bryant's patented breakthrough in advanced control feature smart microprocessors constantly monitoring the controlled area and adjust the sensitivity and timer based on environmental history.

The optimum choice when performance is paramount.

Standard Passive Infrared

Requires a clear, unobstructed line of sight for detection, because it senses occupancy as movement of heat emitted from the body against the background space. A segmented Fresnel lens divides a coverage area into zones. Movement across zones is interpreted as occupancy.

Excellent for small room control.

Adaptive Series

Housing Design

- Steel mounting strap
- High impact molded plastics
- Color matching tamper resistant lens

Coverage and Electrical Ratings

- Dual technology - 1,000 sq. ft.
  Ultrasonic only - 400 sq. ft.
- 120/277V AC 50/60 Hz; no neutral required; 24V DC, 33mA
- Zero-arc point switching
- Compatible with CFL/LED and motor loads

Operation

- Selectable Auto or Manual ON operating modes
- Vacancy only version
- Dual relay version for bi-level switching or lighting/fan control applications
- Photocell for extra energy savings

WS Series

Housing Design

- Plated steel mounting strap
- High Impact molded plastics
- Recessed tamper resistant lens
- Night light option

Coverage and Electrical Ratings

- High density PIR - 1,200 sq. ft.
- WS1000 series - 120V AC 60Hz
  WS2000 series - 120/277V AC 60Hz; multi-way capable
- No neutral required
- Compatible with CFL/LED and motor loads

Operation

- WS2000 series - Selectable Auto or Manual ON operating modes
- Vacancy only version
- Dual relay version for bi-level switching or lighting/fan control applications
- Photocell for extra energy savings

Specifications are subject to change without notice.

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

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

Note: See page F-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

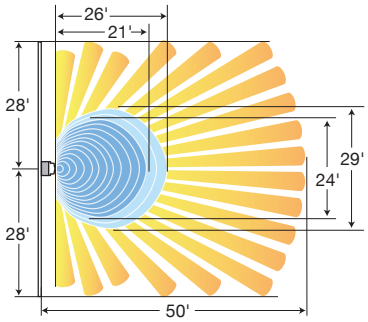
		Single Circuit	Dual Circuit
Description	Color	1 Button for Manual/Auto Control	2 Buttons for Manual/Auto Control
Ultrasonic	Black	**MSU2000BK1**	**MSU2000BK2**
400 square foot coverage with photocell,	Gray	**MSU2000GY1**	**MSU2000GY2**
800W Incandescent, 1000W Fluorescent	Ivory	**MSU2000I1**	**MSU2000I2**
at 120V AC, 1800W Fluorescent at 277V	Light Almond	**MSU2000LA1**	**MSU2000LA2**
AC, 50/60Hz	White	**MSU2000W1**	**MSU2000W2**
Ultrasonic Manual ON (Vacancy)	Black	**MSU2001BK1**	**MSU2001BK2**
400 square foot coverage with photocell,	Gray	**MSU2001GY1**	**MSU2001GY2**
800W Incandescent, 1000W Fluorescent	Ivory	**MSU2001I1**	**MSU2001I2**
at 120V AC, 1800W Fluorescent at 277V	Light Almond	**MSU2001LA1**	**MSU2001LA2**
AC, 50/60Hz	White	**MSU2001W1**	**MSU2001W2**

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

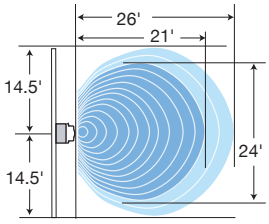
Coverage Patterns

Minor Motion: Ultrasonic PIR

Major Motion: Ultrasonic PIR



MSD2000 Series



MSU2000 Series

Passive Infrared

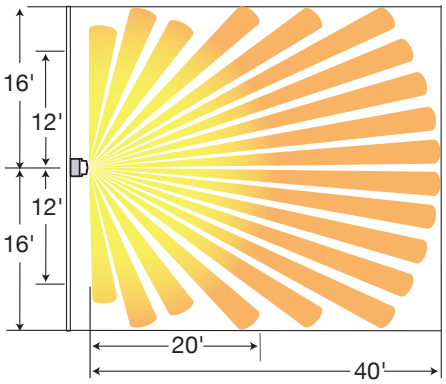
- Passive infrared technology
- Manual adjustment time delay (20 sec. to 30 min.)
- Photocell (WS2000 series)
- No neutral required
- 1200 sq. ft. coverage
- Wallplate included
- Steel mounting strap
- Compatible with most LED and CFL
- CEC Title 24 Compliant
- cULus

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**

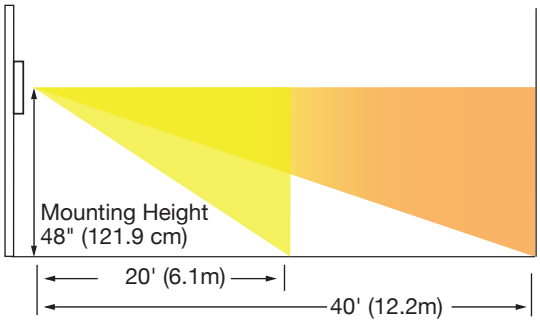
Note: See page F-15 for technical specifications and wiring schematics.

Coverage Patterns

Minor Motion: PIR
Major Motion: PIR



MS2000AT, MS2000, MS1000 Series



Vertical Coverage
MS2000AT, MS2000, MS1000 Series

Digital Timer

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

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.

Programmable Timer

Description	Color	Catalog Number
Wall Switch Programmable Timer with Astronomical Clock, Features 3 Interchangeable cover colors: Gray, Light Almond and White. Compatible in SP and 3-Way configurations, 120V AC, neutral wire required.	White	**DTP120**

Low Voltage Switches

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

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 Q for more information.

Sensor Accessories

Ceiling Sensors Accessories

Ceiling Sensor Infrared, NEMA Type 4X Enclosure

MSP4X

Ceiling Mount Raceway Adapter

MSCRA

Ceiling Mount Wire Guard

MSWGC

Wall Mount Sensors Accessories

Wall Switch Wire Guard

MSWGS

Wall Mount Wire Guard

MSWGW

Dual (Ultrasonic and Passive Infrared)

Combines PIR and Ultrasonic technology, minimizing the risk of lights turning ON when the space is unoccupied. Once occupancy is detected by both technologies within the space lights are turned ON, only one technology is necessary to keep the lights ON.

Adaptive technology provides better control. Bryant's patented breakthrough in advanced control feature smart microprocessors constantly monitoring the controlled area and adjust the sensitivity and timer based on environmental history.

The absolute choice for advanced control and precise performance.

Standard Passive Infrared

Passive infrared sensors are specifically designed for long- range major motion activity sensitivity, making them ideal for large open areas.

Various models are suitable for indoor and outdoor applications where NEMA 4X rating is required. Other units are suitable for extreme temperatures areas providing unsurpassed flexibility for almost every application.

Ceiling Mount

Housing Design

- High-impact, plastic (UL94, 5VA)
- 12-element segmented Fresnel lens; 32kHz ultrasonic transmitter and receiver
- Mounting base provided

Coverage and Ratings

- Up to 2,000 sq. ft. between 8ft and 12ft mounting height. 24V DC active high-logic control signal
- Option of a N/O + N/C contacts; SPDT; 500 mA rated @ 24V DC; threF-wire isolated relay for HVAC or energy management systems integration

Operation

- Self adjusting sensitivity thresholds and timers; automatic false ON/ false OFF corrections, strong airflow compensation mode
- Compatible with Bryant's distributed and centralized control systems

Wall Mount

Housing Design

- High-impact, plastic (UL94, 5VA)
- 12-element segmented Fresnel lens; 32kHz ultrasonic transmitter and receiver
- Mounting base provided

Coverage and Ratings

- Up to 1,600 sq. ft. between 8ft and 12ft mounting height. (30ft for high bay, aisle model) 24V DC active high-logic control signal
- Option of a N/O + N/C contacts; SPDT; 500 mA rated @ 24V DC; threF-wire isolated relay for HVAC or energy management systems integration

Operation

- Self adjusting sensitivity thresholds and timers. Automatic false ON/false OFF corrections airflow compensation mode
- Compatible with Bryant's distributed and centralized control systems

Specifications are subject to change without notice.

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

	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.	360° 180°	**MSD2000C** **MSD1000C**	**MSD2000CL** **MSD1000CL**	1600 sq. ft.	Low Voltage 32kHz	**MSD1600W**
Ultrasonic	2000 sq. ft. 1000 sq. ft.	360° 180°	**MSU2000C** **MSU1000C**	**MSU2000CL** **MSU1000CL**	—	—	**—**
Passive Infrared	1500 sq. ft.	360°	**MSP1500C**	**MSP1500CL**	1600 sq. ft. 120 Linear ft.	Wide angle coverage For aisle and high bay	**MSP1600W** **MSP120HB**

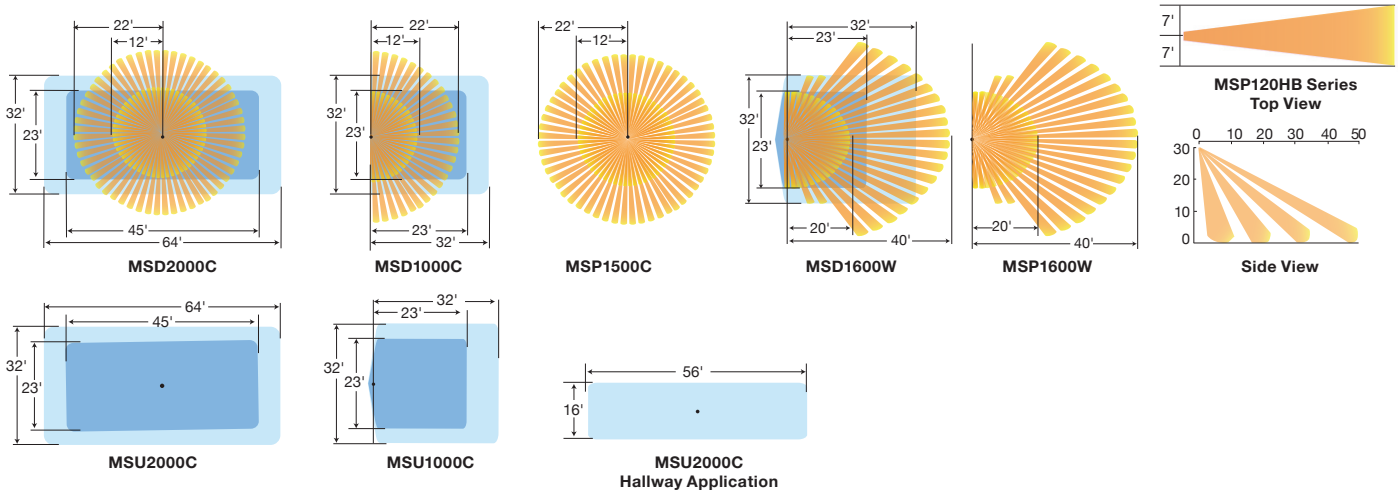
Note: Ceiling and Wall Mount sensors must use a Control Unit.
**Swivel mounting bracket included for wall or ceiling mounting.*
See page F-6 for ceiling sensors accessories.
See page F-16 for technical specifications and wiring schematics.

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



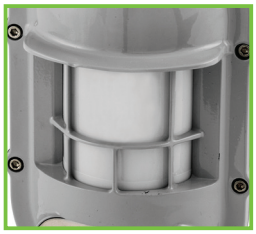
MAXX™ Harsh Environment Sensing Devices

MAXX™ products are designed to withstand these harsh environments manufactured with cold and heat resistant components. These sensors tolerate extremes of weather and applications. MAXX™ products provide users with methods to reduce energy usage in harsh environments where other commercial grade products can't.

Pendant Mount Series

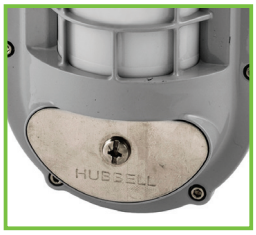
Housing Design

- IP66, TYPE 4X, outdoor rated
- Housing manufactured from chemical resistant thermoplastic
- Multiple mounting kits for existing work boxes and hubs; pendant or wall mounting flexibility



Protection

- Integrated lens guard protects against accidental damage
- Photocell makes sure lights stay OFF when there is sufficient daylight
- Isolated relay provides signalling to HVAC and ventilation systems



Access Cover

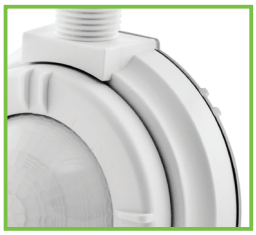
- Stainless steel hardware and settings access cover

Standard Passive Infrared

Requires a clear, unobstructed line of sight for detection, because it senses occupancy as movement of heat emitted from the body against the background space. A segmented Fresnel lens divides a coverage area into zones. Movement across zones is interpreted as occupancy.

Excellent for small room control.

Fixture Mount Series



Housing Design

- IP65, NEMA 3R watertight, and outdoor rated
- Fixture or work box mounting with ½" threaded nipple

Coverage and Electrical Ratings

- Digital passive infrared (PIR) sensor
- Two (upward/downward) photocells options for daylight harvesting
- Supplied with 360° lens; aisle, end-of-aisle and 180° lenses available separately
- -40°F to 149°F (-40°C to 65°C) operating temperature range; compatible with CFL/LED and motor loads

Specifications are subject to change without notice.

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 F-19 for technical specifications and coverage patterns.

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 F-19 for technical specifications and coverage patterns.

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 F-16 for technical specifications.

OPTIMYZER® Watertight End Mount PIR Sensor

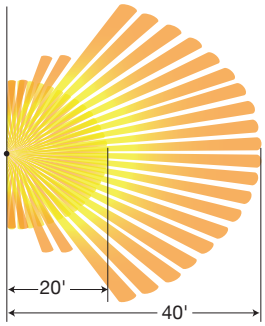
IP65, NEMA Type 3R, outdoor rated, -40°F to 149°F (-40°C to 65°C) operating temperature range.

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***

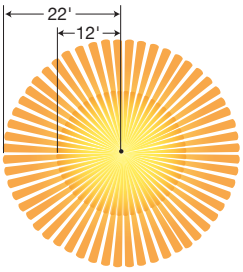
Note: 360° high bay lens included. Low bay lens options sold separately, see below for details.
**For use with MSCUHD (120/277V AC, 50/60Hz) control unit.*
See page F-8 for replacement lenses and accessories.
See page F-19 for technical specifications and coverage patterns.

Coverage Pattern

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



MSHT1600WRP



MSHT1500CRP

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

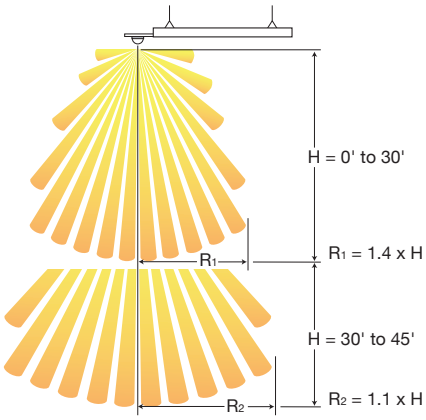
Daylight Harvesting Passive Infrared

		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 F-19 for technical specifications.

Coverage Patterns

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



Replacement Lenses and Accessories

Description	180° Lens	360° Lens	Aisle Lens	End of Aisle Lens	Mounting Extension Adapter
High Bay	**MSHBL180**	**MSHBL360**	**MSHBLA**	**MSHBLEA**	**MSHBSA**
Low Bay	**MSLBL180**	**MSLBL360**	**MSLBLA**	**MSLBLEA**	**MSHBSA**

Daylight Harvesting

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

Description	Voltage	with ON/OFF Control	with Dimming Control
Daylight tracker	24V DC	**MDHT***	**MDHTD†**

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

Specifications are subject to change without notice.

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 F-16 for technical specifications and wiring schematics.

Permanently Marked Receptacles for Automatic Outlet Control Systems

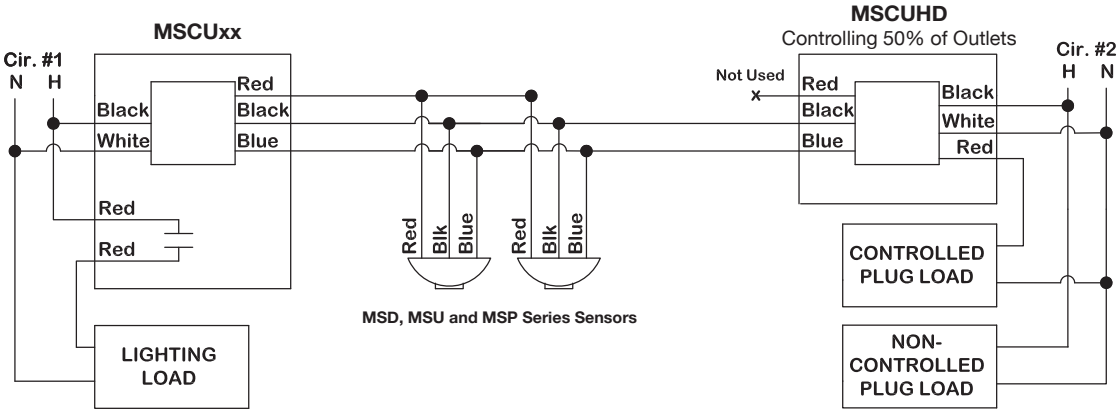
Description	Color	15A Duplex	20A Duplex	15A Decorator	20A Decorator
Permanently marked receptacles	Gray	**CBRS15C1GRY**	**CBRS20C2GRY**	**DRS15C1GRY**	**DRS20C2GRY**
	Ivory	**CBRS15C1I**	**CBRS20C2I**	**DRS15C1I**	**DRS20C2I**
	Light Almond	**CBRS15C1LA**	**CBRS20C2LA**	**DRS15C1LA**	**DRS20C2LA**
	White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

Note: See Section A for additional products and colors.

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.Bryant-wiring.com/energy.aspx

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.



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

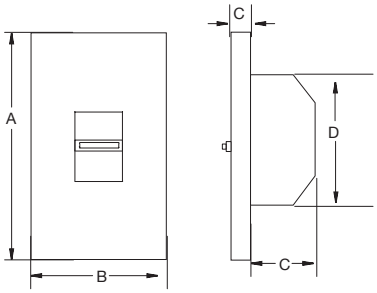
Architectural Preset Slide Dimmers, Single Pole/3-Way

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

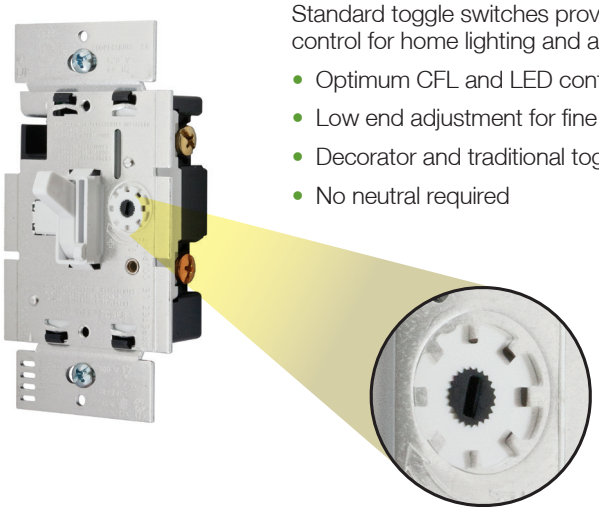
Product Dimensions Inches (mm)

	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



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**

Specifications are subject to change without notice.

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

	Incandescent			Incandescent Rotary Push ON/OFF Dimmer		
	600W			600W		
Color	Single Pole, Slide to OFF	Single Pole	3-Way	Single Pole	Single Pole	3-Way
Ivory	**RS600I***	**RS600PI**	**RS603PI**	**RD600RI**	**RD600PDK****	**RD603PDK****
Light Almond	**RS600LA***	**RS600PLA**	**RS603PLA**	—	—	—
White	**RS600W***	**RS600PW**	**RS603PW**	**RD600RW**	**RD600PDK****	**RD603PDK****

*Note: *Slide to OFF series dimmers do not have an ON/OFF switch.*
***Control knobs included for both ivory and white. See below for replacement slide knobs.*

Fan Speed Controls, 120V AC

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

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

Replacement Control Knobs

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

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

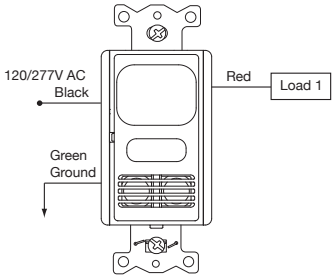
Occupancy Sensors and Lighting Controls

Specifications and Wiring Schematics

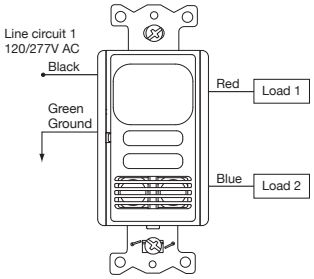
Electrical	MSD2000 and MSU2000 Series	
Power supply	120/277V AC, 50/60Hz	
Load capacity	Incandescent	0 to 800 watts
	120V AC ballast	0 to 1000 watts
	277V AC ballast	0 to 1800 watts
Motor load	1/4HP	
Agency approvals	cULus Listed	
Physical		
Housing	High-impact plastic (UL 94-5V)	
Lens	Dual element pyrometer 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

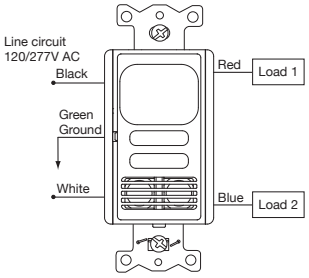
Single Circuit Wiring



Dual Circuit Sensor, Wired for Dual Circuits

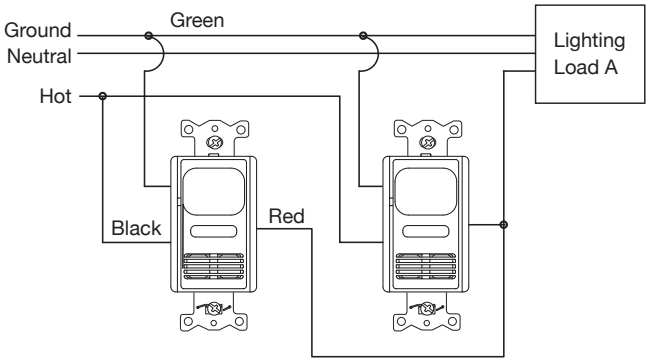


Dual Circuit Sensor, Wired for Dual Circuits with Neutral

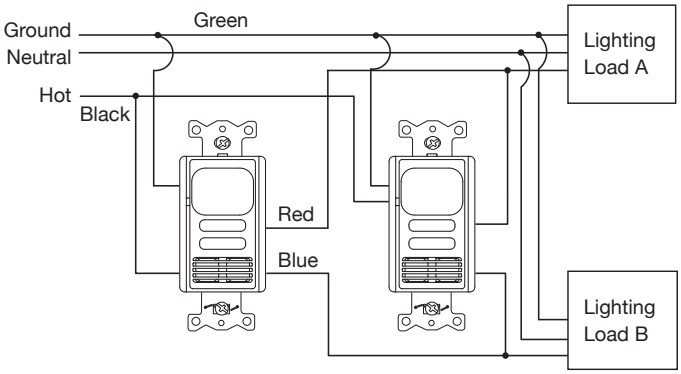


For step dimming, bi-level, and dual ballasted fixtures

Single Circuit Sensors, Wired as 3-Way Sensors*



Dual Circuit Sensors, Wired as 3-Way Sensors*

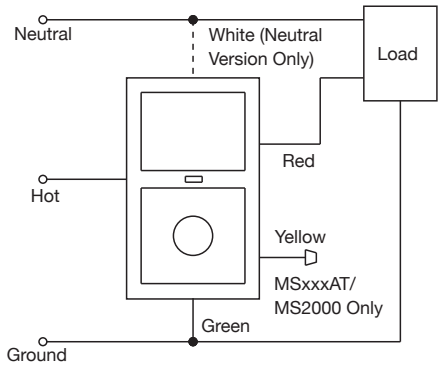


*Note: *Load can not exceed the rating of one switch.*
Sensor is shipped with all dip switches in the OFF position (factory default).

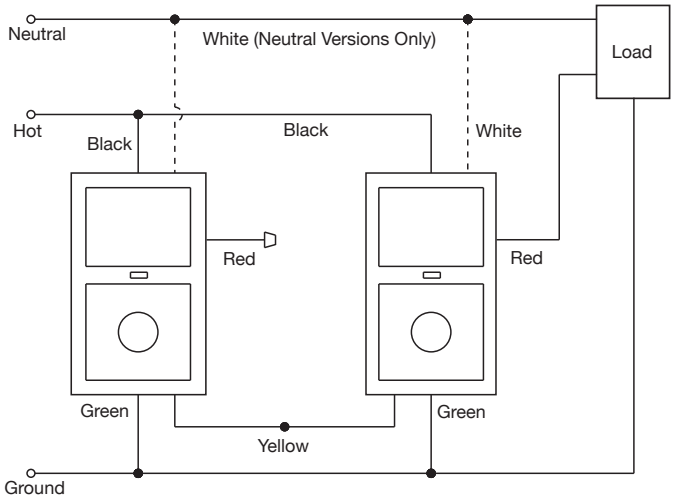
Electrical	MS2000 Series		MS1000 Series
Power supply	120/277V AC, 60Hz		120V AC, 60Hz
Load capacity	Incandescent 120V AC Ballast 277V AC Ballast	0 to 1000 watts 0 to 1000 watts 0 to 1800 watts	0 to 500 watts 0 to 500 watts N/A
Motor load	N/A		N/A
Agency approvals	cULus Listed		cULus Listed
Physical			
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 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

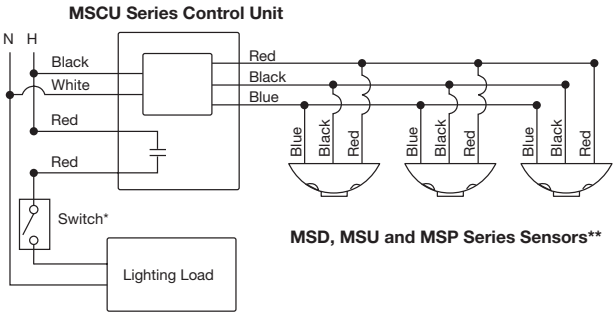
Specifications

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

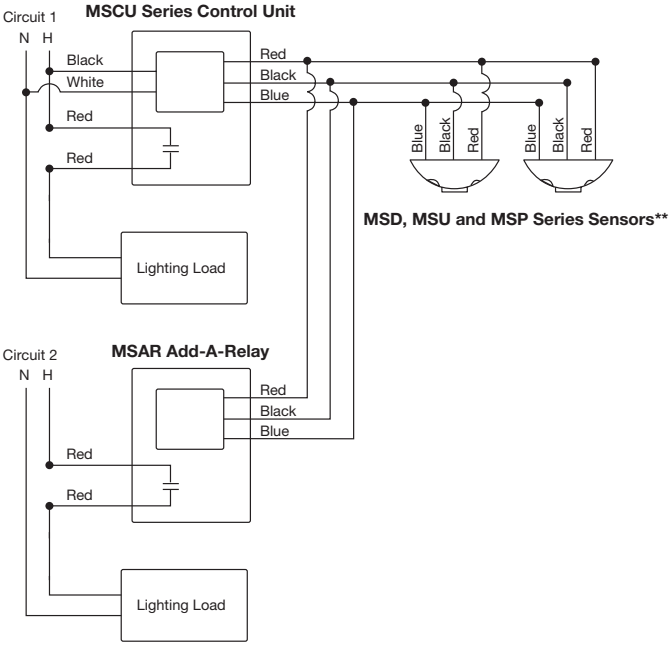
Adaptive Dual Technology, Ultrasonic, and Passive Infrared Ceiling and Wall Mount Sensors
MSD, MSU and MSP Series Ceiling and Wall Mount Sensors

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



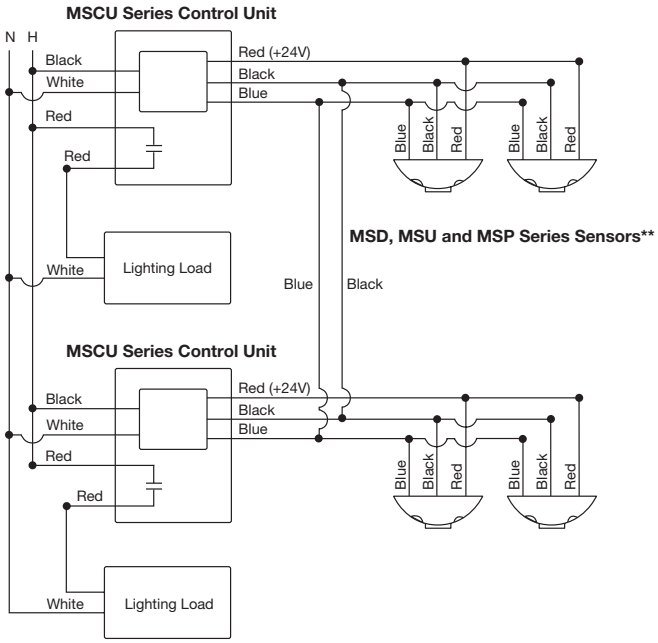
*Optional Override OFF Switch

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).

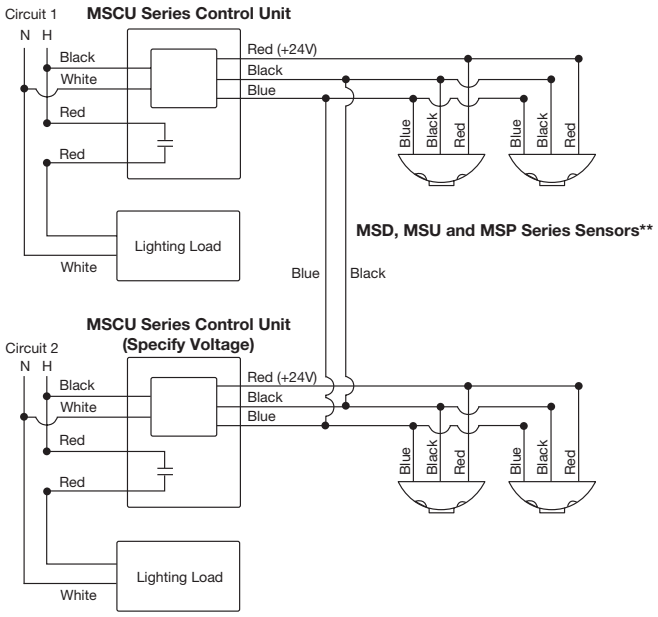


*Note: **For wiring sensors with isolated relay and photocell option (models with "RP" suffix): Photocell Option: Cap off Blue sensor wire. Connect Gray sensor wire to Blue control unit wire. Isolated Relay Option: Common-Blue/White wire, Normally Closed-Black/White wire, Normally Open-Yellow/White wire.*

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.

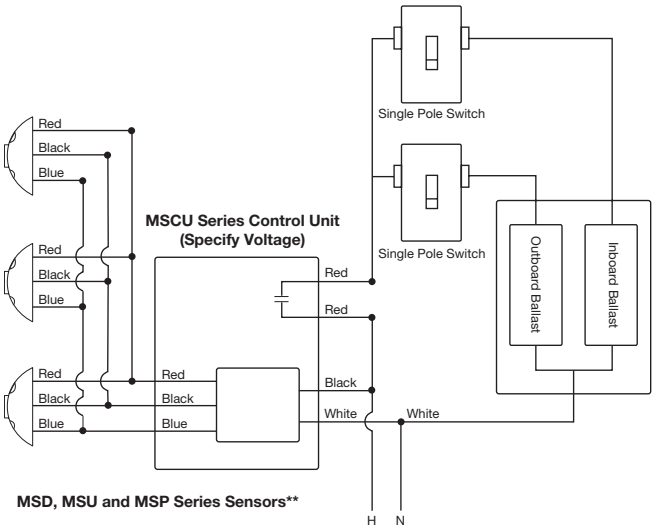


Two Circuit Application:
Two control units wired in two circuits to operate 2 to 8 sensors in a single zone. Maximum 4 sensors per control unit any sensor will activate both lighting loads.

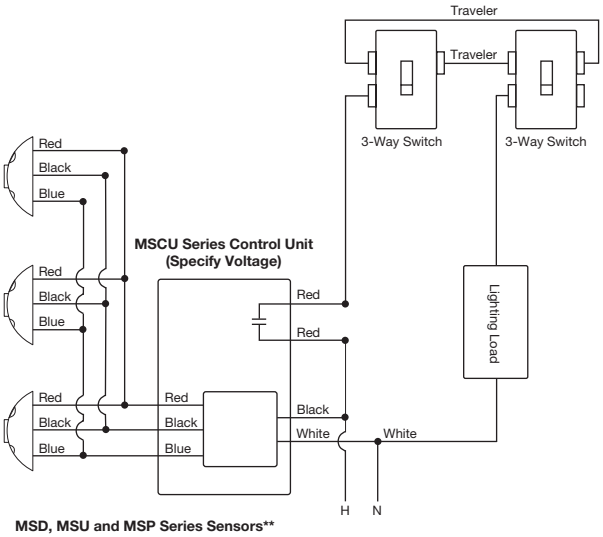


Adaptive Dual Technology, Ultrasonic, and Passive Infrared Ceiling and Wall Mount Sensors
MSD, MSU and MSP Series Ceiling and Wall Mount Sensors

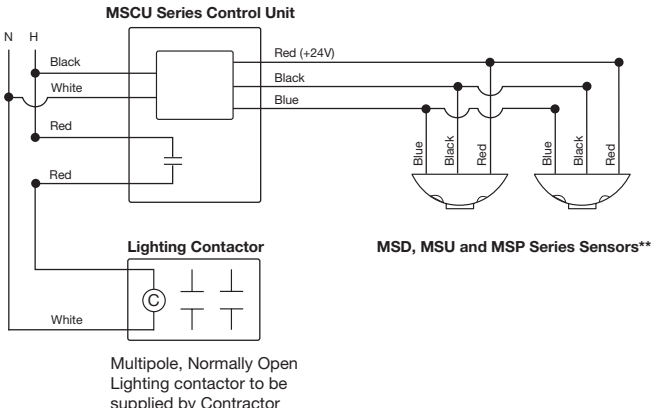
Single Circuit, Dual Level Switching Application:
1 to 4 sensors wired to control unit with optional override off switches.



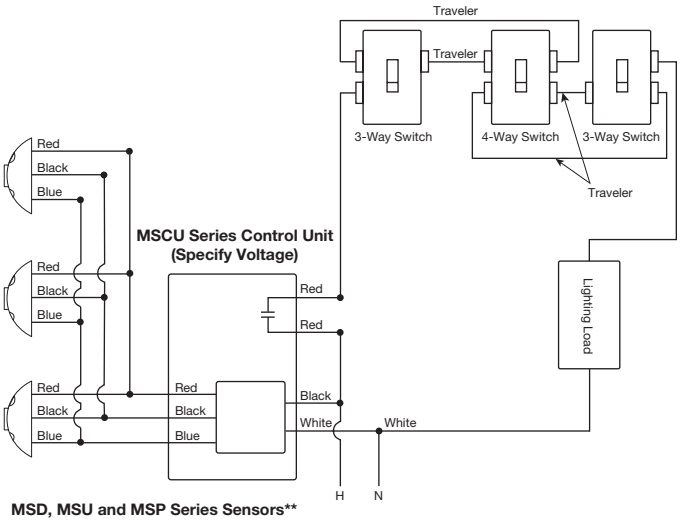
Single Circuit, 3-Way Switching Application:
1 to 4 sensors wired to control unit with optional override off switches.



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.*

Specifications

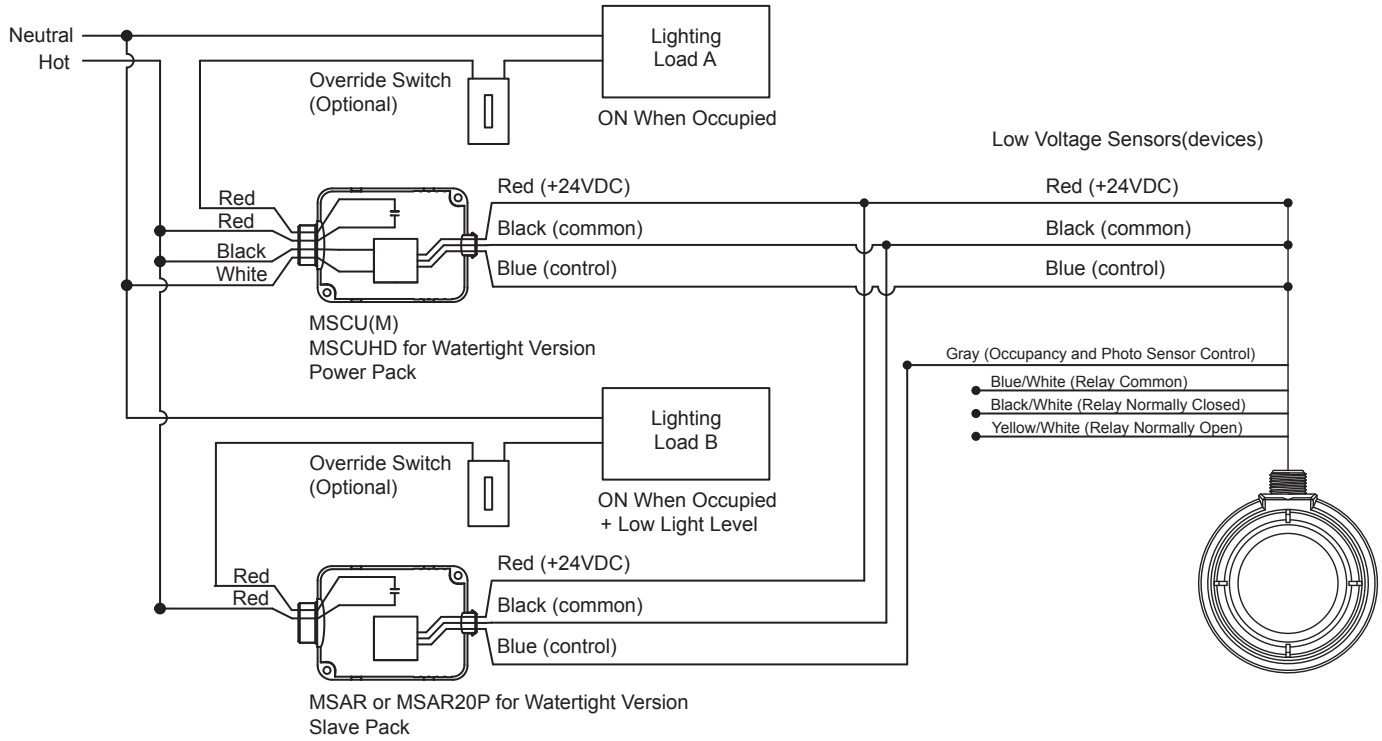
	OPTIMYZER® High Bay Controls MSHB Series	OPTIMYZER® MSHBxxUPCW Series
User interface	(1) twelve pin dip switch	
Timer timF-outs	Primary: 8-second test mode, 4, 8, 16 and 30 minute timF-outs Secondary: (Can be disabled) 30, 60 and 90 minute timF-outs	
Passive infrared	Dual element pyrometer and spherical 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	

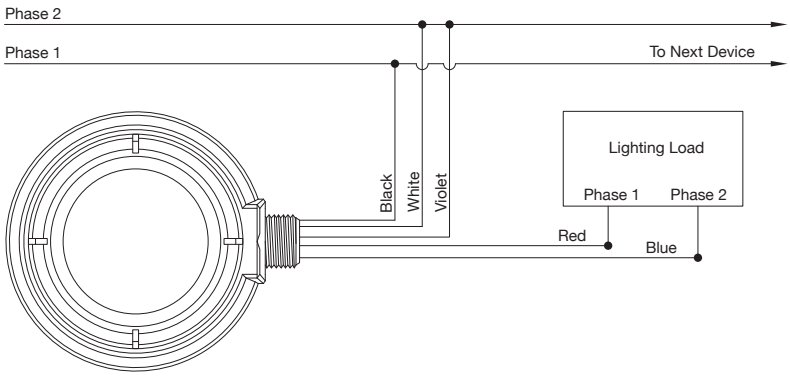
*Note: *When used with program start ballast, a 1-2 second delay from occupancy detection to lamp turn-on may be experienced.*

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	

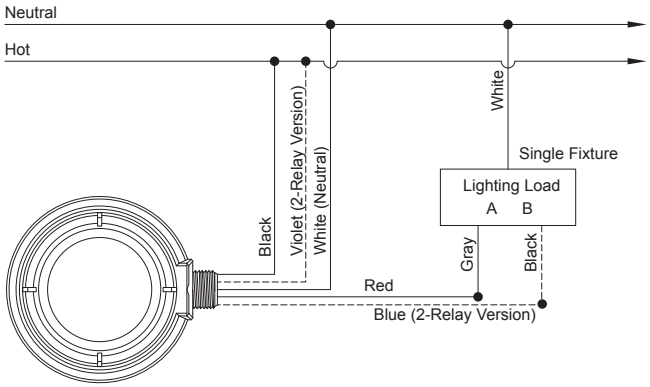
Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

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

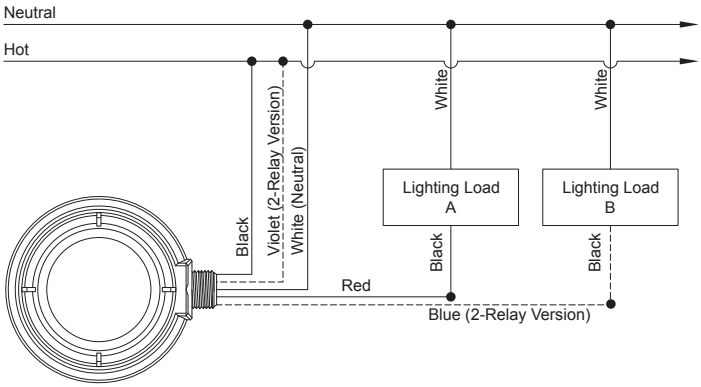




OPTIMYZER® High Bay Controls MSHB Series, Dual Relay, Single Fixture



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



Section G

Motor Control Products

Table of Contents Page

Toggle AC Manual Motor Controllers/Disconnects

30, 40, 50, 60 and 85 Amp 600V AC and Accessories G-2

NEMA 1 and 3/3R Enclosed AC Manual Motor Controllers/Disconnects

30 and 60 Amp 600V AC G-3

Rotary AC Manual Motor Controllers/Disconnects

30, 40 and 60 Amp 600V AC and Accessories G-4

NEMA 4X Enclosed Rotary Motor Controllers/Disconnects

30, 40 and 60 Amp 600V AC and Accessories G-5

Quick Reference Guide G-6

Pendant Control Stations

Ordering Information G-7

Contact Ratings and Wiring Diagram G-7

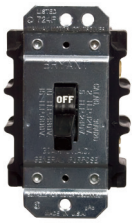
Technical Specifications G-8

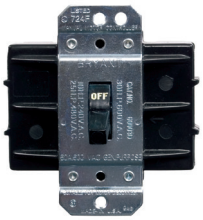
Toggle AC Manual Motor Controllers/Disconnects

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



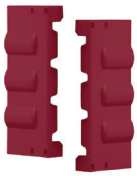


	HP Rating				30A		40A	50A	60A		85A
					Back and Side Wired		Side Wired	Side Wired	Front Wired	Back Wired	Back Wired
Poles	120V AC	240V AC	480V AC	600V AC	Standard Toggle	Short Toggle	Standard Toggle	Standard Toggle	Standard Toggle	Standard Toggle	Standard Toggle
2	2	5	10	15	**30002D**	**30002DS**	**40002D**	**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.*

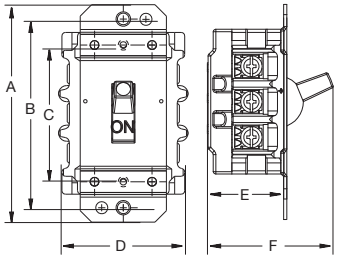
Accessories

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

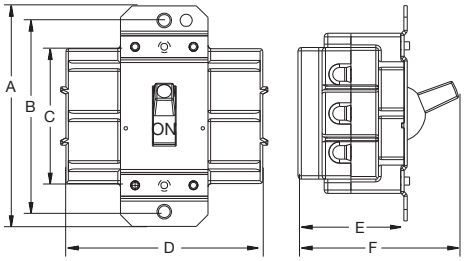


Product Dimensions Inches (mm)

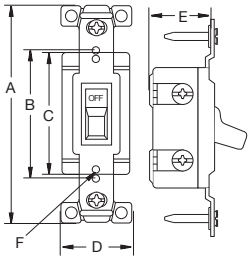
	30002D, 30003D, 40002D, 40003D, 50002D, 50003D	60002D, 60003D, 85002D, 85003D	4002
A	3.78" (96.0)	3.78" (96.0)	4.06" (103.1)
B	3.28" (83.3)	3.28" (83.3)	2.38" (60.5)
C	2.38" (60.4)	2.38" (60.4)	2.26" (57.4)
D	2.25" (57.2)	3.56" (90.4)	1.25" (31.8)
E	1.53" (38.9)	1.92" (48.8)	1.11" (28.2)
F	2.43" (62.0)	2.83" (71.9)	(2) #6-32 TAP



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



60002D, 60003D, 85002D, 85003D



4002

Specifications are subject to change without notice.

Motor Control Products

NEMA 1 and 3/3R Enclosed AC Manual Motor Controllers/Disconnects

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

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

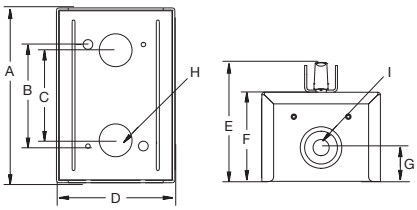
Enclosed AC Manual Motor Controllers/Disconnects

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**
Enclosures Without Controller/Disconnect					**30100**	**30300**		**30300**	**60300**

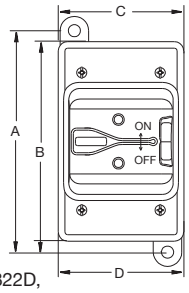
*Note: *Drill weephole to alter from NEMA 3 to NEMA 3R.*

Product Dimensions Inches (mm)

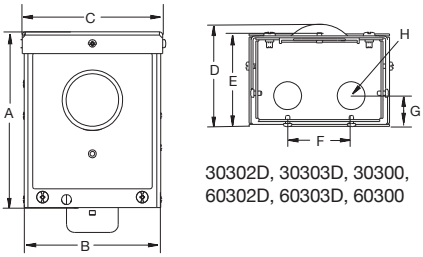
	30102D, 30103D, 3100	30322D, 30323D	30302D, 30303D, 30300	60302D, 60303D, 60300
A	4.72" (120.0)	5.42" (137.7)	5.52" (140.2)	10.11" (256.8)
B	2.75" (69.8)	4.76" (120.9)	4.28" (108.7)	4.28" (108.7)
C	2.44" (61.9)	2.99" (75.9)	4.40" (111.8)	4.40" (111.8)
D	3.20" (81.2)	2.22" (56.4)	3.30" (83.3)	3.30" (83.8)
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	—	—	—



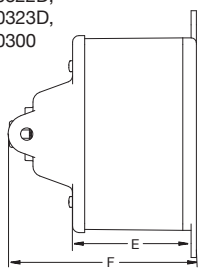
30102D, 30103D, 30100



30322D, 30323D, 30300

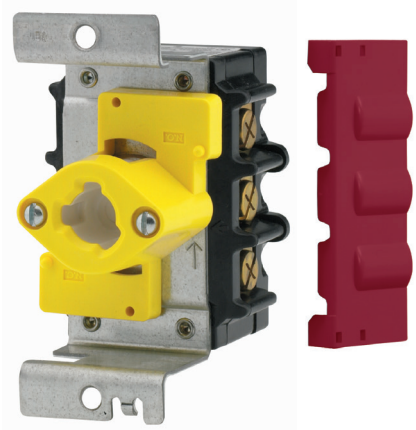


30302D, 30303D, 30300, 60302D, 60303D, 60300



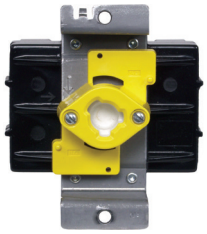
Rotary AC Manual Motor Controllers/Disconnects

TECH·SPEC®



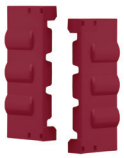
- Ideal motor controller suitable as a disconnect
- Rotary controllers can be built into equipment and enclosures for either box or panel-mount installation
- Provides high resistance to electrical arc tracking
- Thermoset body withstands high temperatures
- Superior dielectric strength
- #10 brass terminal 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



	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**

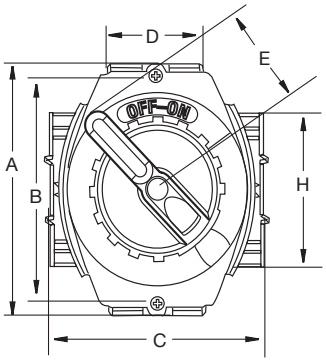
Accessories

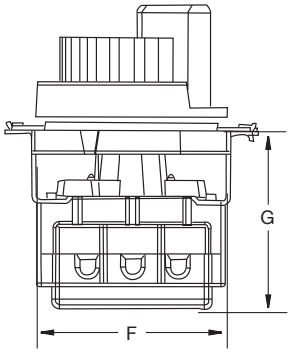


Accessory	Finger Guards	Handle Kit	Weatherproofing Kit	Auxiliary Contact
Description	For use with 30-50A switches (set of 2)	For rotary switch, includes handle, shaft, mounting brackets and required screws	For rotary switch, includes 4 seals, neoprene bushing and 3 “O” rings	NO/NC, includes 1 contact 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.

Motor Control Products

NEMA 4X Enclosed Rotary Motor Controllers/Disconnects

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

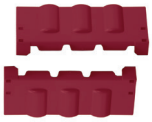
- Undrilled case allows custom placement of entry positions with normal tools and knockouts
- All thermoplastic, non-corrosive, non-metallic enclosure
- Clearly identified "ON/OFF" indicators

Enclosed Rotary Motor Controllers/Disconnects

					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.*

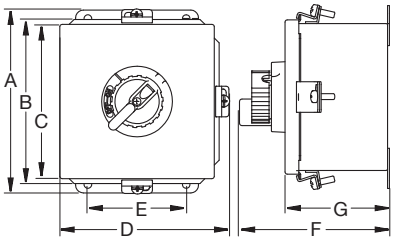
Accessories



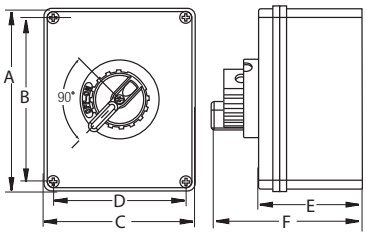
Accessory	Finger Guards	Auxiliary Contact	Mounting Feet	Neutral Buss Connector
Description	For Use with 30-50A Switches (set of 2)	NO/NC, Pilot Duty	For NEMA 4X Enclosure	For NEMA 4X Enclosure
Catalog Number	**30003FG**	**660AC**	**664XFT**	**6603N**

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®

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.*

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**

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**

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**

- 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

	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

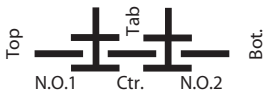
	Single-Speed		Two-Speed	
	Voltage	Current	Voltage	Current
AC 35% power factor	120V 240V	6.0 Amp 3.0 Amp	120V 240V	3.0 Amp 1.5 Amp
DC Inductive	125V 250V	1.1 Amp 0.55 Amp	— —	— —

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

Wiring Diagram

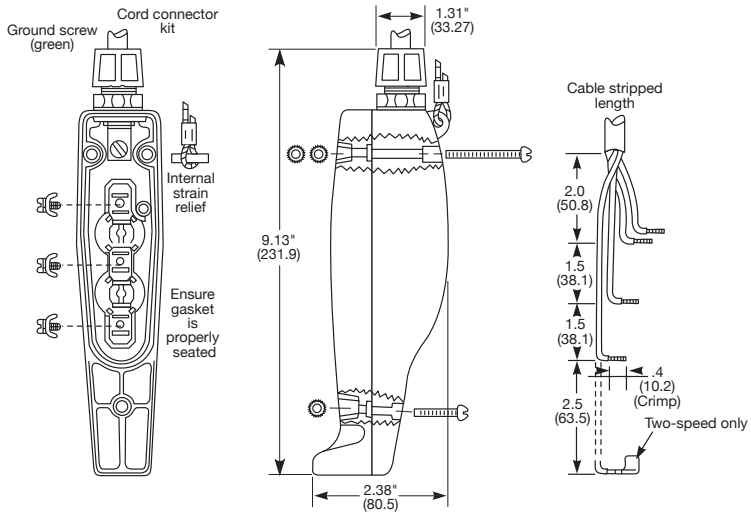
Single-Speed* PCS002

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 As motor disconnect	30A and 40A 50A 60A and 85A	60A max J fuses 50A max J fuses 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 H

Locking Devices

Table of Contents — Page

NEMA Configuration Chart H-2

Product Features

Triple Gripper® Locking Plug and Connector and Locking Receptacle H-3
20 Amp Receptacle and Equipment Devices H-3

15 Amp NEMA Locking Devices

Midget H-4
125V, 2-Pole 2-Wire H-5
125V, 250V and 277V AC, 2-Pole 3-Wire Grounding H-6

20 Amp NEMA Locking Devices

250V, 2-Pole 2-Wire H-5
125V, 250V, 277V AC, 480V AC and 600V AC, 2-Pole 3-Wire Grounding H-8
3Ø 125/250V AC, 250V AC and 3Ø 480V AC, 3-Pole 3-Wire and 3-Pole 4-Wire H-9
3ØY 120/208V AC, 3ØY 277/480V AC and 3ØY 347/600V AC, 4-Pole 4-Wire and 4-Pole 5-Wire H-10

30 Amp NEMA Locking Devices

125V, 250V, 277V AC, 480V AC and 600V AC, 2-Pole 3-Wire Grounding H-11
125/250V AC, 3Ø 250V AC, 3Ø 480V AC and 3Ø 600V AC, 3-Pole 3-Wire and 3-Pole 4-Wire H-12
3ØY 120/208V AC, 3ØY 277/480V AC and 3ØY 347/600V AC, 4-Pole 4-Wire and 4-Pole 5-Wire H-13

400Hz 20 and 30 Amp Locking Devices

20 Amp 400 Hertz 3ØY 120/208V, 4-Pole 5-Wire Grounding H-14
30 Amp 28V DC, 400 Hertz 120V, 400 Hertz 3Ø∆ 120V and 400 Hertz 3ØY 120/208V H-14

Non-NEMA Locking Devices

10 Amp 250V and 15 Amp 125V H-15
20 Amp 125/250V, 250V AC and 3ØY 120/208V AC H-16
30 Amp 125/250V, 3ØY 120/208V and 250V AC H-17

Locking Kits, Accessories and Boots

Locking Kits – Pool Pump Kit and Generator Kit H-18
Angle Adapters and PLUGBOX® Lockout Devices H-19
Weather Protective Boots H-20

50 Amp Locking Devices

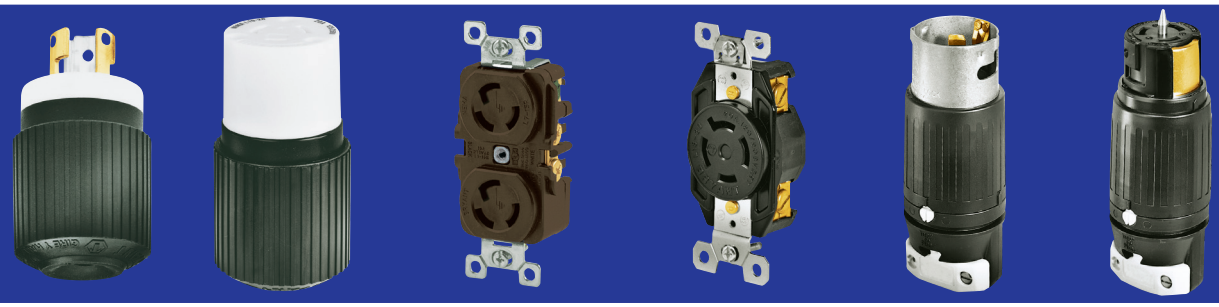
125V, 250V, 480V AC, 125/250V AC, 3Ø 250V AC and 3Ø 480V AC H-21
250V DC and 600V AC H-22
Accessories – Wallplates, Weatherproof Plates and Boots H-23

Power Interrupting Locking Devices

20 Amp 125V AC or DC and 10 Amp 250V DC, 480V AC H-24
30 Amp 600V AC, 20 Amp 250V DC H-25
60 Amp 600V AC H-26
Accessories H-27

Technical Specifications

Locking Receptacles, Plugs and Connectors H-28



Locking Devices

NEMA® Configuration Chart

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

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Locking Devices

Product Features

Triple Gripper® Locking Plug

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- 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

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

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

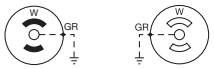
Nylon angle adapter (70204ANA) converts 20A and 30A nylon locking plugs and connectors into space-saving angle devices.

Midget 15A 125V Locking Devices Inches (mm)

Rating	Poles/ Wires	Cord Diameter	Color	Nylon with Non-metallic Cord Grip, Plugs are Polarized: Plug	Nylon with Non-metallic Cord Grip, Plugs are Polarized: Connector	Flanged Devices Equipment Base with Nylon White Cup: Male	Flanged Devices Equipment Base with Nylon White Cup: 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 H-20 for weather protective boots for midget locking devices.

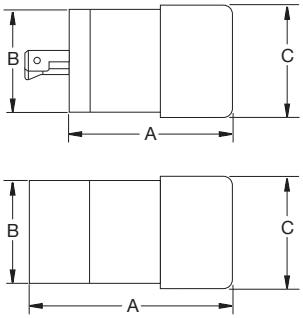
Midget 15A 125V and 125/250V Locking Devices Inches (mm)

Rating	Poles/ Wires	Cord Diameter	Color	Nylon with Quad Gripper® Cord Grip: Plug	Nylon with Quad Gripper® Cord Grip: Connector	Flanged Devices Equipment Base with Nylon White Cup: Male	Flanged Devices Equipment Base with Nylon White Cup: 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**

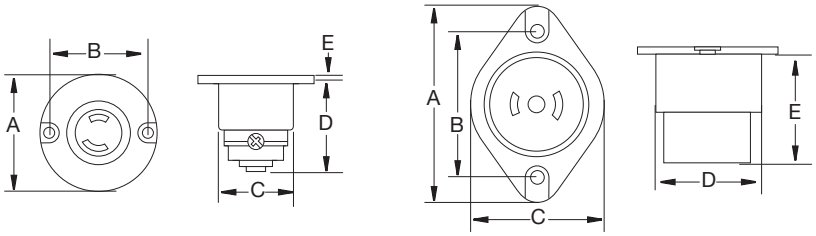
Note: See page H-20 for weather protective boots for midget locking devices.

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	Flanged Devices: 7468N	Flanged Devices: 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)

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

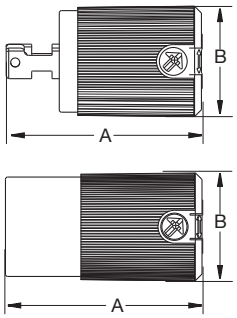
Single Receptacle Wallplate: Stainless Steel	Single Receptacle Wallplate: Thermoplastic	Duplex Receptacle Wallplate: Stainless Steel	Duplex Receptacle Wallplate: Thermoplastic	Weatherproof Covers: Zinc Die Cast	Weatherproof Covers: Zinc Die Cast	Weatherproof Covers: Thermoplastic
SS7	**P7BK**	**SS8**	**P8BK**	**RW51550**	**RW51470**	**RW57300**

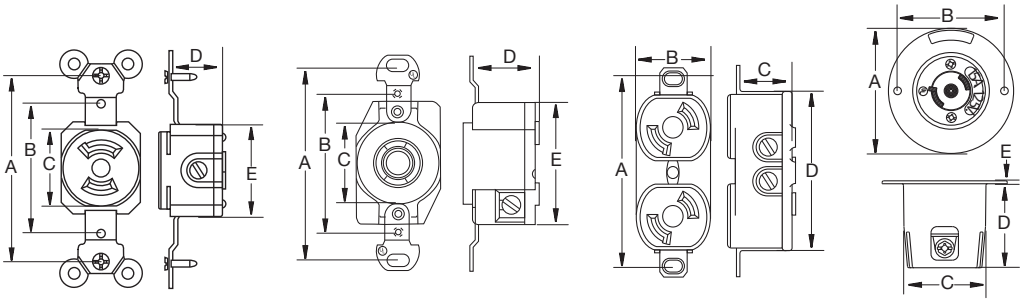
Note: See Section Q for additional information on wallplates and weatherproof covers.

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®

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

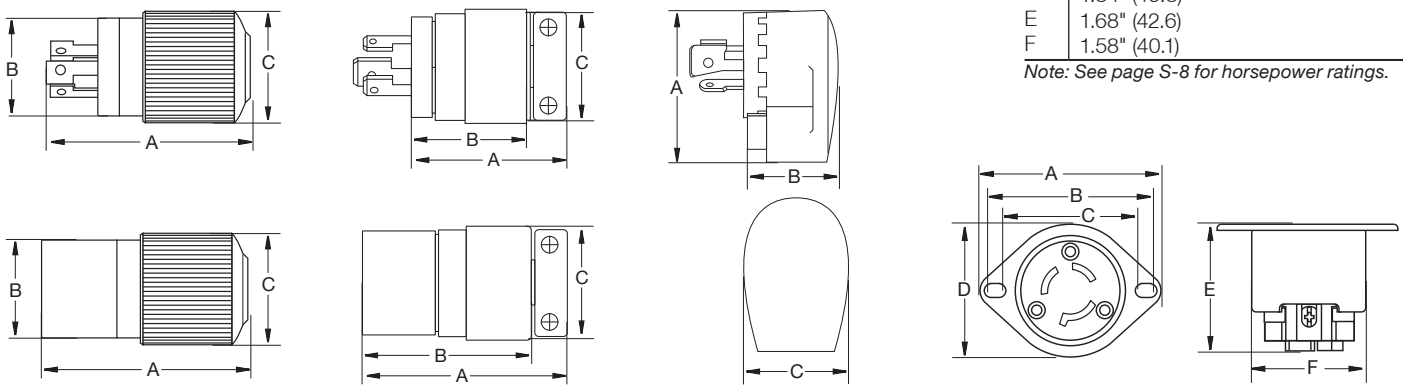
Description	For use with	Color	For Use with Plugs	For Use with Connectors
Thermoplastic elastomer boot	7465N plug when used with 7464N connector or 7468N female equipment receptacle, also for use with connector when used with 7466N male base	Black	**7460BP**	**—**
	7464N connector when used with 7465N 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**

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 S-8 for horsepower ratings.



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

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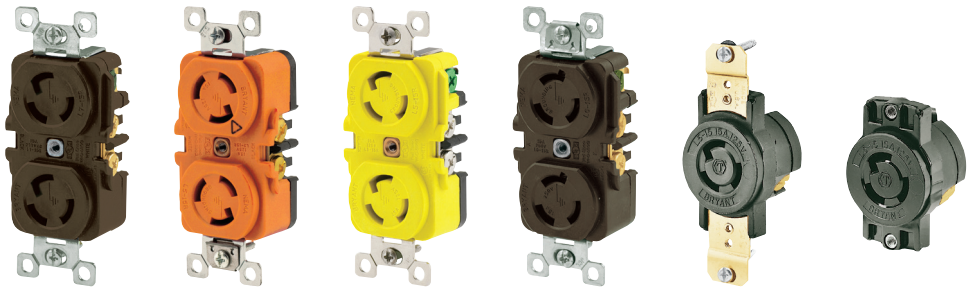


Rating	Description	Back and Side Wired				
		Duplex Receptacle	Single Receptacle			
		Reinforced Thermoplastic Polyester (RTP)	Nylon	Panel Mount Mounting Hole Center 1.94" (49.3)	Panel Mount Mounting Hole Center 1.75" (44.5)	Mounted on a 4" (101.6) Round Cover
NEMA L5-15, 15A 125V Plug Connector	Black	—	**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 D for more information on isolated ground devices and Section J for more information on corrosion-resistant devices.

Receptacle Accessories

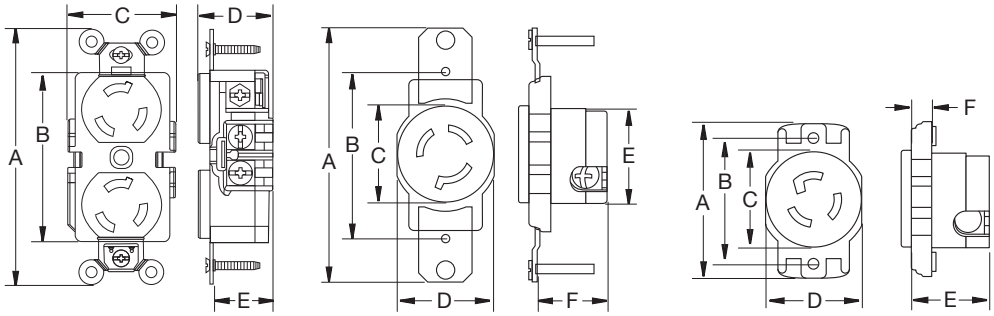
Single Receptacle Wallplate		Duplex Receptacle Wallplate		Weatherproof Covers		
Stainless Steel	Thermoplastic	Stainless Steel	Thermoplastic	Zinc Die Cast	Zinc Die Cast	Thermoplastic
SS7	**P7BK**	**SS8**	**P8BK**	**RW51550**	**RW51470**	**RW57300**

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

Product Dimensions Inches (mm)

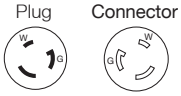
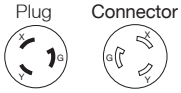
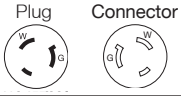
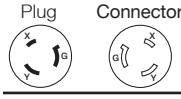
	Receptacle	
	Duplex	Single
A	3.28" (83.3)	3.28" (83.3)
B	2.74" (69.6)	2.38" (60.5)
C	1.70" (43.2)	1.38" (35.1)
D	1.17" (29.7)	1.41" (35.8)
E	0.93" (23.6)	1.37" (37.8)
F	—	1.01" (25.7)

	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)



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

TECH·SPEC®

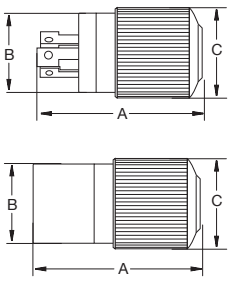
Rating	Cord Diameter	Description	Tripple Gripper: Nylon Plug	Tripple Gripper: Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup: Male	Flanged Devices Equipment Base with Nylon White Cup: Female	Weather Protective Power Inlets: Die Cast Aluminum Plate*	Single Nylon Receptacle, All Black
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 D for more information on isolated ground devices and Section J for more information on corrosion-resistant devices.
See page H-20 for weather protective boots for 20 amp nylon locking plugs.

Product Dimensions Inches (mm)

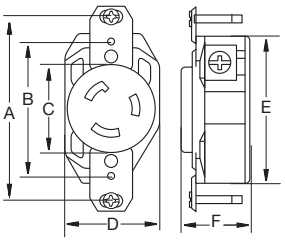
	Plug
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

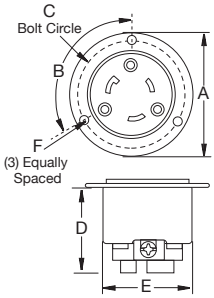
	Connector
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



	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)

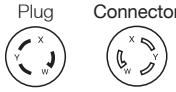
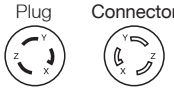
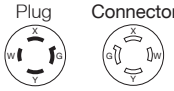
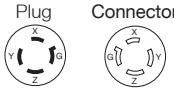
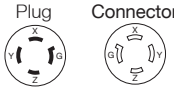
Note: See page S-8 for horsepower ratings.





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®

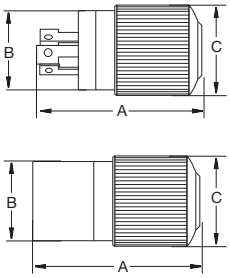
Rating	Poles/ Wires	Cord Diameter	Description	Tripple Gripper: Nylon Plug	Tripple Gripper: Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup: Male	Flanged Devices Equipment Base with Nylon White Cup: Female	Weather Protective Power Inlets: Die Cast Aluminum Plate*	Single Nylon Receptacle, 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 D for more information on isolated ground devices and Section J for more information on corrosion-resistant devices.
See page H-20 for weather protective boots for 20 amp nylon locking plugs.

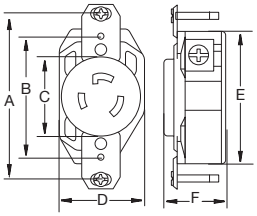
Product Dimensions Inches (mm)

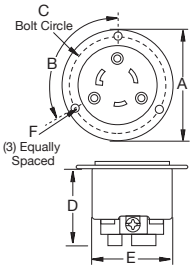
	Plug
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

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



	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)

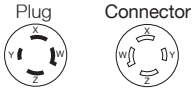
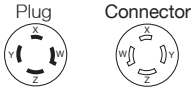
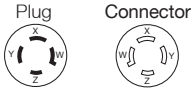
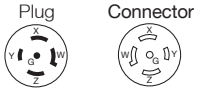
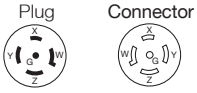




Note: See page S-8 for horsepower ratings.

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®

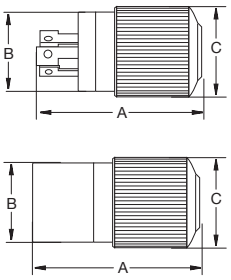
Rating	Poles/ Wires	Cord Diameter	Description	Tripple Gripper: Nylon Plug	Tripple Gripper: Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup: Male	Flanged Devices Equipment Base with Nylon White Cup: Female	Single Nylon Receptacle, All Black
NEMA L18-20, 20A 3ØY 120/208V AC Plug Connector 	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	**72120NP**	**72120NC**	**72120MB**	**72120ER**	**—**
			All Black	**72120NPB**	**72120NCB**	**—**	**—**	**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: See Section D for more information on isolated ground devices and Section J for more information on corrosion-resistant devices.
See page H-20 for weather protective boots for 20 amp nylon locking plugs.

Product Dimensions Inches (mm)

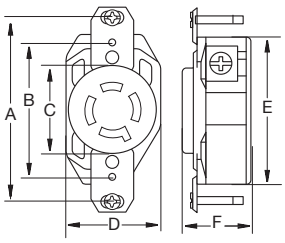
Plug	
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

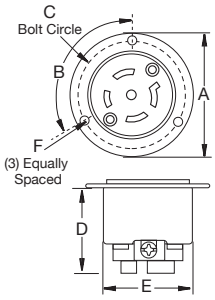
Connector	
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



	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 S-8 for horsepower ratings.





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

TECH·SPEC®

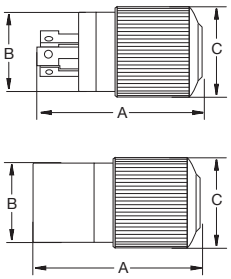
Rating	Cord Diameter	Description	Tripple Gripper: Nylon Plug	Tripple Gripper: Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup: Male	Flanged Devices Equipment Base with Nylon White Cup: Female	Weather Protective Power Inlets: Die Cast Aluminum Plate*	Single Nylon Receptacle, All Black
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, 30A 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 D for more information on isolated ground devices and Section J for more information on corrosion-resistant devices.
See page H-20 for weather protective boots for 20 amp nylon locking plugs.

Product Dimensions Inches (mm)

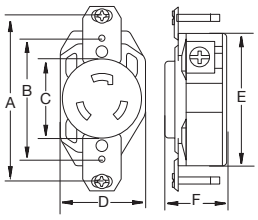
	Plug
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

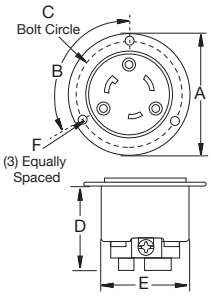
	Connector
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



	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 S-8 for horsepower ratings.





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)

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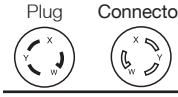
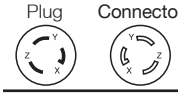
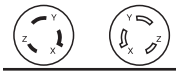
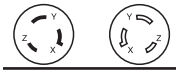
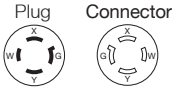
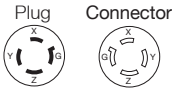
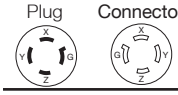
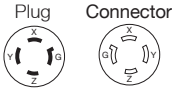
Rating	Poles/ Wires	Cord Diameter	Description	Tripple Gripper: Nylon Plug	Tripple Gripper: Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup: Male	Flanged Devices Equipment Base with Nylon White Cup: Female	Weather Protective Power Inlets: Die Cast Aluminum Plate*	Single Nylon Receptacle, 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 D for more information on isolated ground devices and Section J for more information on corrosion-resistant devices.
See page H-13 for 30 amp NEMA locking device dimensions..
See page H-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)

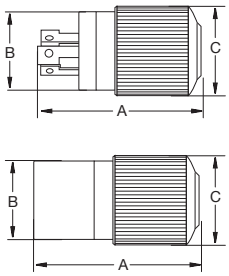
Rating	Poles/ Wires	Cord Diameter	Description	Tripple Gripper Nylon Plug	Tripple Gripper Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup Male	Flanged Devices Equipment Base with Nylon White Cup Female	Single Nylon Receptacle, All Black
NEMA L18-30, 30A 3ØY 120/208V AC Plug Connector	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: See Section D for more information on isolated ground devices and Section J for more information on corrosion-resistant devices.
See page H-20 for weather protective boots for 30 amp nylon locking plugs.

Product Dimensions Inches (mm)

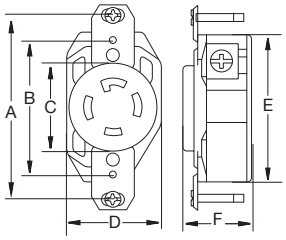
Plug	
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

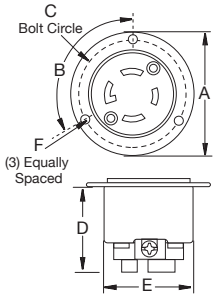
Connector	
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



	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 S-8 for horsepower ratings.





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)

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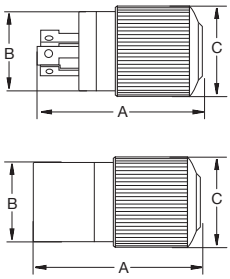
Rating	Poles/ Wires	Cord Diameter	Description	Tripple Gripper: Nylon Plug	Tripple Gripper: Nylon Connector	Flanged Devices Equipment Base with Nylon White Cup: Male	Flanged Devices Equipment Base with Nylon White Cup: Female	Single Urea Receptacle, All Black
20A 400Hz, 3ØY 120/208V Plug Connector	4-Pole 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 H-20 for weather protective boots for 20 amp nylon locking plugs.

Product Dimensions Inches (mm)

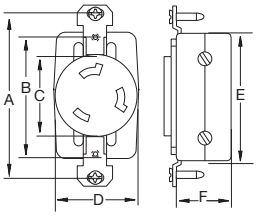
	Plug
A	2.86" (72.4)
B	1.89" (48.0)
C	2.13" (54.1)

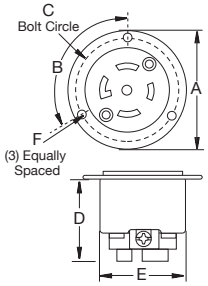
	Connector
A	3.90" (99.1)
B	1.89" (48.0)
C	2.13" (54.1)



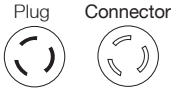
	Single Receptacle	Flanged Devices
A	3.28" (83.3)	3.06" (77.7)
B	2.38" (60.5)	120°
C	1.56" (39.6)	2.68" (68.1)
D	1.71" (43.4)	2.03" (51.6)
E	2.50" (63.5)	2.16" (54.9)
F	1.14" (29.0) FSL1FR 1.20" (30.5) 40045FR	(3) 0.19" (4.8)

Note: See page S-8 for horsepower ratings.





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

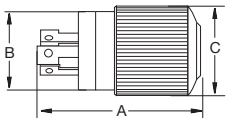
Rating	Poles/ Wires	Cord Diameter	Description	Triple Gripper: Nylon Plug	Triple Gripper: Nylon Connector	Flanged Devices Equipment Base with Binding Screw Terminals: Male White Nylon	Flanged Devices: Female White Nylon	Receptacle, Back and Side Wired: Single All Black Nylon	Receptacle: Duplex All Black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

*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 H-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.*

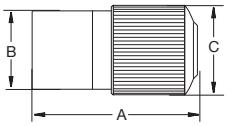
See page H-20 for weather protective boots for 10 and 15 amp nylon locking plugs.

Product Dimensions Inches (mm)

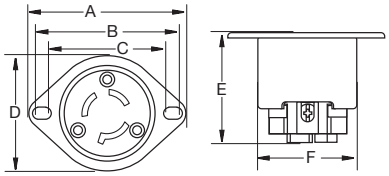
Plug	10A	20A
A	2.18" (55.4)	2.60" (66.0)
B	1.38" (35.1)	1.80" (45.7)
C	1.53" (38.9)	2.11" (53.6)



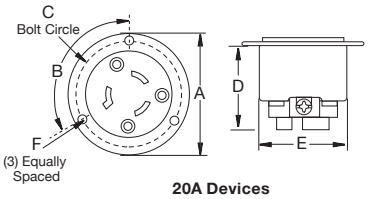
Connector	10A	20A
A	2.95 (75.0)	3.73 (94.7)
B	1.38" (35.1)	1.80 (45.7)
C	1.53" (38.9)	2.11 (53.6)



Flanged Devices	10A	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)

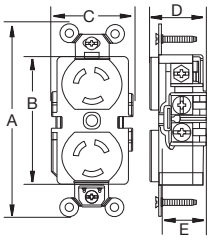


10A Devices

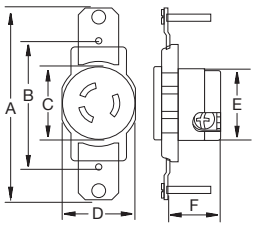


20A Devices

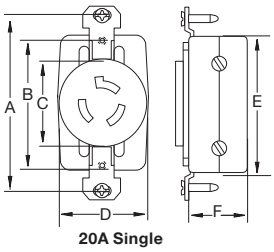
	Duplex Receptacles 10A	Single Receptacles 10A	Single Receptacles 20A
A	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)
B	2.38" (60.5)	2.38" (60.5)	2.38" (60.5)
C	1.38" (35.1)	1.38" (35.1)	1.38" (35.1)
D	1.41" (35.8)	1.41" (35.8)	1.39" (35.3)
E	1.37" (34.8)	1.37" (34.8)	2.20" (55.9)
F	1.01" (25.7)	1.01" (25.7)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



10A Duplex



10A Single



20A Single

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

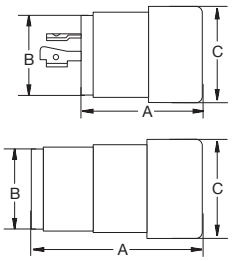
Rating	Poles/ Wires	Cord Diameter	Description	Nylon Construction: Plug	Nylon Construction: Connector	Flanged Devices Equipment Base with Binding Screw Terminals: Male White Nylon	Flanged Devices Equipment Base with Binding Screw Terminals: Female White Nylon	Single Receptacle Back and Side Wired: All Black Urea
20A 125/250V AC, Non-Grounding Plug Connector	3-Pole 3-Wire	.375"-1.000" (9.5-25.4)	Black/White	**9965**	**7314**	**7327**	**7328**	**—**
			All Black	**9965NB**	**7314NB**	**—**	**—**	**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 H-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 H-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.*

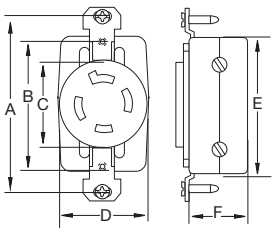
Product Dimensions Inches (mm)

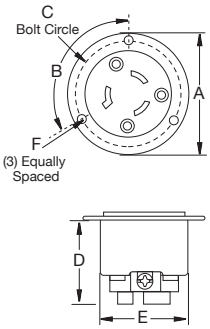
	Plug
A	2.60" (66.0)
B	1.80" (45.7)
C	2.11" (53.6)

	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)

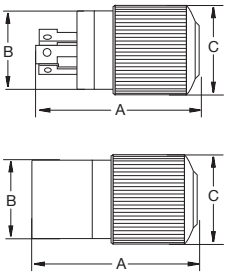
Rating	Poles/ Wires	Cord Diameter	Description	Triple Gripper: Nylon Plug	Triple Gripper: Nylon Connector	Single Receptacle Back and Side Wired: All Black Urea
30A 125/250V AC, Non-Grounding Plug Connector	3-Pole 3-Wire	.300"-.950" (7.6-24.1)	Black/White	**3331**	**3333**	**3330**
30A 250V AC, Grounding 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 H-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 H-20 for weather protective boots for 30 amp nylon locking plugs.
**Not UL Listed. For Replacement use only.*

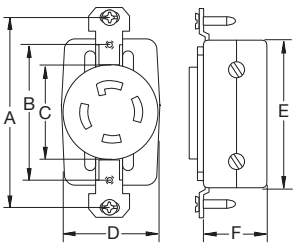
Product Dimensions Inches (mm)

	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 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

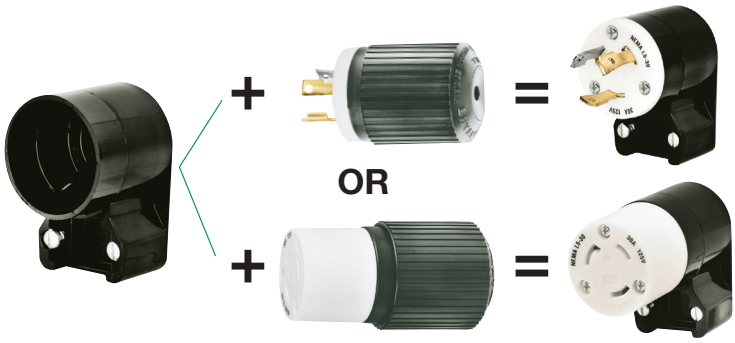
- Deep weatherproof box gives installers the room needed to wire the box efficiently
- State-of-the-art powder-coated finish provides years of protection against the elements
- Installation hardware, gasket and ground screw are provided
- Male inlet is securely mounted to the cover for additional durability

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.

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

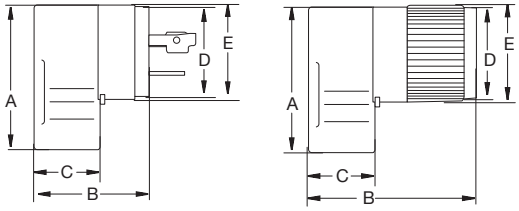


Triple Gripper® Angle Adapters Inches (mm)

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

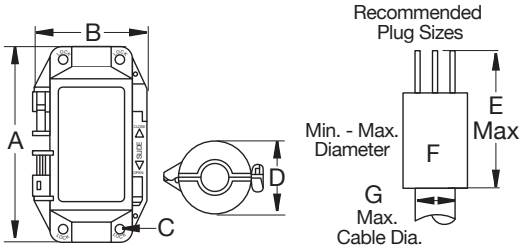
- PLUGBOX® devices provide an assured method of complying with OSHA lockout/tagout regulation
- Protect against unexpected start-up of equipment during maintenance and repair work
- Discourages unauthorized use of tools and equipment
- UV stabilized polypropylene housing
- High visibility red for easy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

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
Yellow 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)



Weather Protective Boots and Adapter Sleeves

- 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

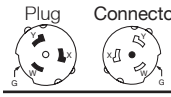
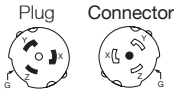
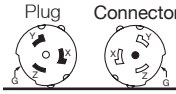
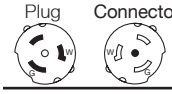
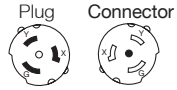
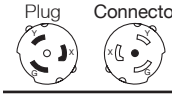
Description	For use with	Color	For Use with Plugs	For Use with Connectors	Sealing Cap for Use with Connector Boot
Thermoplastic elastomer boot	10 and 15 amp nylon locking, 15 and 20 amp straight blade devices	Black Yellow	**5200BPB** **5200BP**	**5200BCB** **5200BC**	**5200BSRB** **5200BSR**
	7465N plug 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**	**—** **—**

Adapter Sleeves

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**

Specifications are subject to change without notice.

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)

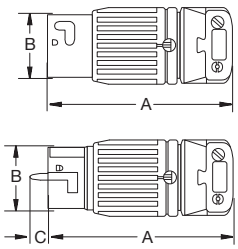
Rating	Poles/ Wires	Cord Diameter	Description	Plug	Connector	Flanged Devices Male	Flanged Devices Male with Cover	Single Armored Receptacle
50A 125/250V AC Plug Connector 	3-Pole 4-Wire	.65"-1.20" (16.5-30.5)	Black Nylon	**CS6365L**	**CS6364L**	**CS6375L**	**CS6375LC**	**CS6369L**
	3-Pole 4-Wire	.830"-1.250" (21.1-31.8)	Heavy Duty Black	**CS6365**	**CS6364**	**—**	**—**	**CS6369A**
			Steel Casing	**—**	**—**	**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 H-23 for weather protective boots and accessories.

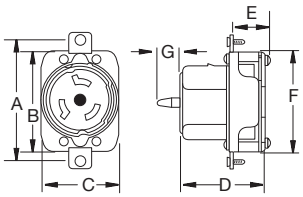
Product Dimensions Inches (mm)

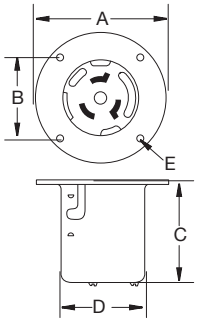
	Plug CS6365L	Plug CS6365
A	5.80" (147)	6.38 (162.1)
B	2.40" (61)	2.56 (65.0)

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

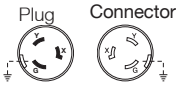
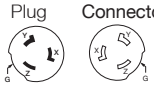
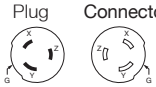


	Single Receptacle CS6369L	Single Receptacle CS6369	Flanged Devices CS6375L	Flanged Devices CS6375
A	3.30" (84.0)	3.28" (83.3)	—	3.50" (88.9)
B	2.70" (69.0)	—	2.10" (53.0)	2.12" (53.8)
C	2.10" (53.0)	2.12" (53.8)	2.70" (69.0)	2.77" (70.4)
D	2.40" (61.0)	2.44" (62.0)	2.20" (56.0)	2.17" (55.1)
E	1.10" (25.0)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





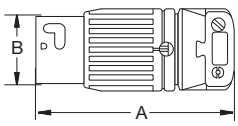
50A 250V DC 600V DC Locking Devices, 2-Pole 3-Wire and 3-Pole 4-Wire Grounding Inches (mm)

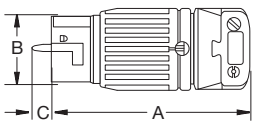
Rating	Poles/ Wires	Cord Diameter	Description	Plug	Connector	Male Flanged Devices with Lift Cover and Gasket	Receptacle Single Armored
50A 250V DC, 600V AC	2-Pole 3-Wire	.830"-1.250" (21.1-31.8)	Heavy duty Black	**3763***	**3762***	—	**3771***
Plug Connector 			Steel Casing	—	—	**3767***	—
50A 250V DC,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

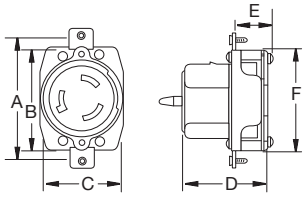
*Note: *These devices are not interchangeable with other 50 amp configurations listed in this catalog.*
***These devices are intended for replacement use only in existing installations. We recommend that they not be used in new installations.*
See page H-23 for weather protective boots and accessories.

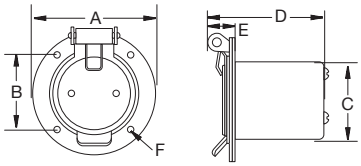
Product Dimensions Inches (mm)

	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.









Wallplates and Weather Protective Plates for 50 Amp Receptacles

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

Note: **Will only fit non-"CS" style 50A locking receptacles.*

Weatherproof Plates for 50 Amp Receptacles

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

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 sprinH-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

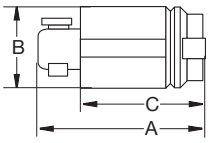
20A 125V AC or DC, 10A 250V DC, 480V AC, 2-Pole 3-Wire and 3-Pole 3-Wire Inches (mm)

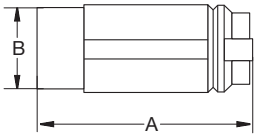
Rating	Poles/ Wires	Cord Diameter	Description	Clamp-Type Terminals: Nylon Plug	Clamp-Type Terminals: Nylon Connector	Single Receptacle, Back Wired
20A 125V AC or DC, 10A 250V DC, 480V AC, Grounding Plug Connector	2-Pole 3-Wire	.320"-.660" (8.1-16.8)	Black/White	**23005G***	**23002G***	—
			Black Phenolic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

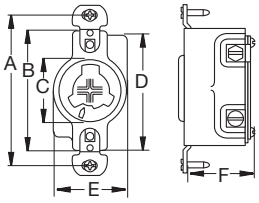
*Note: *These devices are not UL Listed and are for replacement use only in existing installations.*
See page H-27 for weather protective boots and accessories.

Product Dimensions Inches (mm)

	Plug	Connector	Single Receptacle
A	3.22" (81.8)	3.56" (90.4)	3.28" (83.3)
B	1.72" (43.7)	1.62" (41.4)	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)



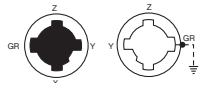




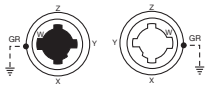
30A 600V AC and 250V DC, 3-Pole 4-Wire and 4-Pole 5-Wire Grounding Inches (mm)

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	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	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**

Plug Connector



Plug Connector

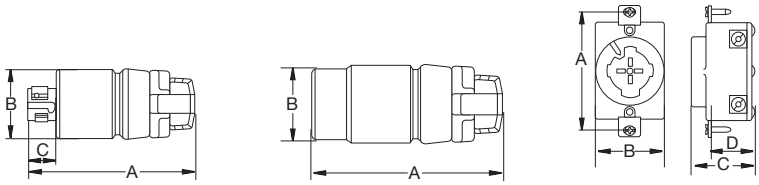


Note: See page H-27 for weather protective boots and accessories.

Product Dimensions Inches (mm)

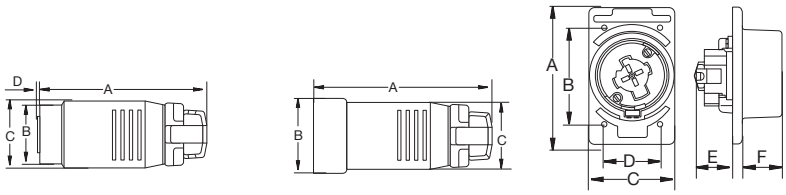
3-Pole 4-Wire Devices

	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)



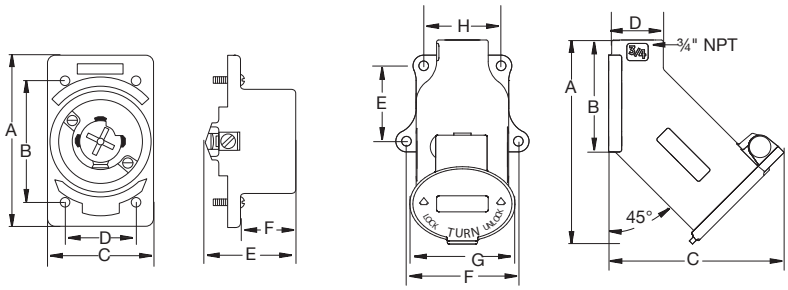
4-Pole 5-Wire Devices

	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)

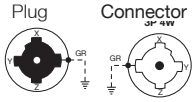
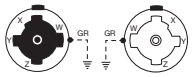


Flanged Inlets

	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)

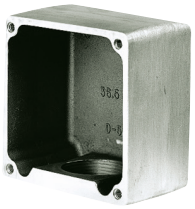
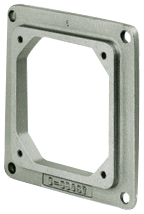
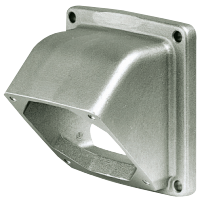


60A 600V AC, 3-Pole 4-Wire and 4-Pole 5-Wire Grounding Inches (mm)

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 blue aluminum housing and lift cover	—	—	—	—	**26520**
			Steel housing	—	—	**26522**	**26521**	—

*Note: *For receptacles, use box and adapters below.*
See page H-27 for weather protective boots and accessories.

60A Power Interrupting Accessories

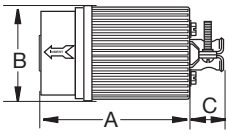




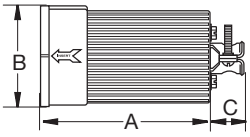
Single Receptacle Accessories Box and Adapters (Box requires one adapter), Cast Aluminum		
Box	Straight Adapter Plate	45° Angle Adapter Plate
26401	**26402**	**26404**

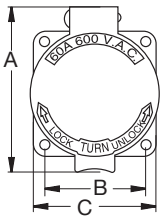
Product Dimensions Inches (mm)

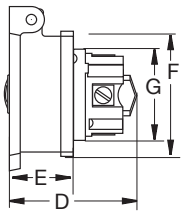
	Plug	Connector	Single Receptacle
A	3.56" (90.4)	5.43" (137.9)	4.62" (116.8)
B	3.03" (76.9)	3.18" (80.8)	2.87" (72.8)
C	1.09" (27.6)	1.09" (27.6)	3.50" (88.9)
D	—	—	3.57" (90.6)
E	—	—	1.84" (46.7)
F	—	—	3.26" (82.8)
G	—	—	2.56" (65.0)

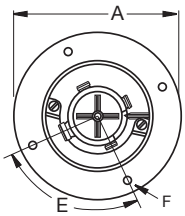
	Flanged Inlets Male	Flanged Inlets Female
A	4.12" (104.6)	4.12" (104.6)
B	2.70" (68.6)	2.88" (73.0)
C	1.20" (30.5)	1.20" (30.5)
D	2.75" (69.9)	3.33" (84.5)
E	90°	90°
F	0.19" (4.8)	0.19" (4.8)

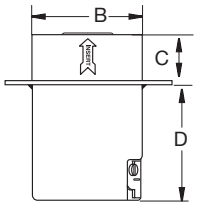












20A Power Interrupting Accessories Inches (mm)

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**	**P7BK**	**23007**	**7418B**	**20424****	**20425****

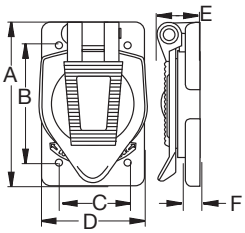
30A Power Interrupting Accessories

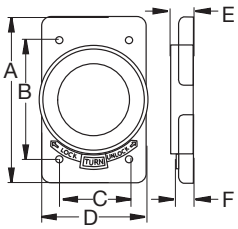
Liquid-Tight Metallic Conduit Adapters for Use with Plugs and Connectors		Receptacle Plates, Cast Aluminum		"Mini" Weather Protective Boots	
		Weather Protective Plate for Wet Locations with Cover Closed	No Lift Cover		
With ½ in. conduit	With ¾ in. conduit			Female Connector	Male Plug
SAB12A*	**SAB34A***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

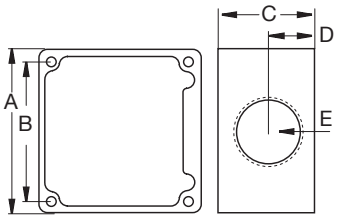
*Note: *Not CSA Certified.*
***Boots are not UL Listed or CSA Certified.*
Boots are not available for 5-wire 30 amp power interrupting plugs and connectors.

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)	—







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

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Section I

Watertight Products

Table of Contents Page

Watertight Straight Blade Devices

15 and 20 Amp Straight Blade Devices I-4

Watertight Locking Devices

15 Amp Locking Devices I-5

20 Amp Locking Devices I-6

30 Amp Locking Devices I-7

Accessories

Lift Cover Assembly and Replacement Interiors I-8

FD Boxes and Angled Adapters

Boxes and Adapters I-9

GFCI Protected FD Boxes

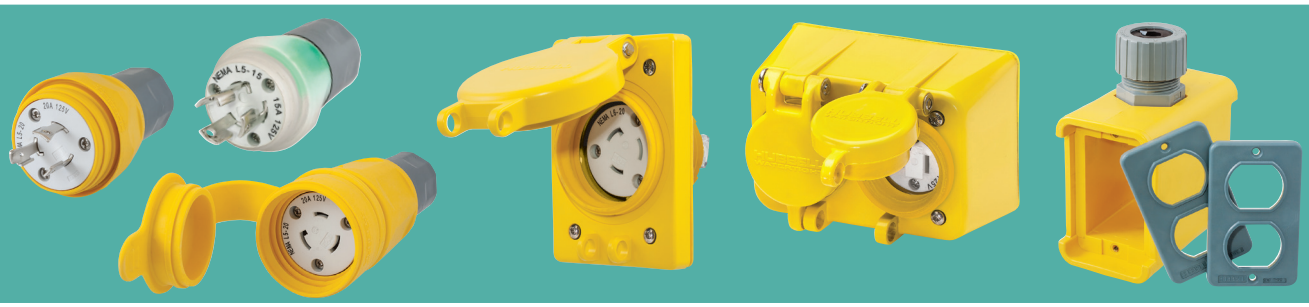
Watertight FD Boxes with GFCI Module. I-10

Weather Protective Lift Covers, Portable Outlet Boxes and Plates

Lift Covers, Portable Outlets and Plates. I-11

Technical Information

Watertight Straight Blade and Locking I-12



Features and Benefits

Watertight Devices

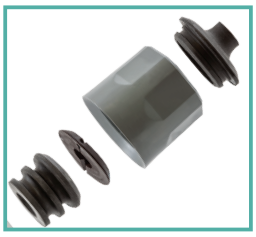
- The triple bypass seal provides a Watertight UL Type 4X and IP69K seal where devices are mated
- The cone seal at the cable entrance provides protection from water ingress
- Strongest strain relief for any Watertight device on the market, utilizing the patented Gotcha ring and collapsible bushing combination
- Nickel plated brass contacts and stainless steel screws provide corrosion resistance for metallic components
- Impact resistant, smooth, thermoplastic elastomer body helps collection point and aids in easy debris removal
- Floating cap rings allows for easy removal of dirt and debris

Industry's First IP69k Devices

Superior water ingress protection uniquely designed for the most extreme wash down procedures, withstanding hot and high pressure water, in addition to excessively dusty environments.

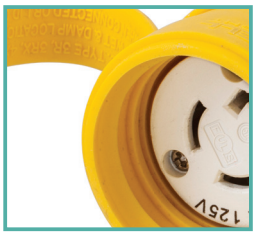
Housing Design

- LED version illuminates to let you know that the device is wired properly
- Smooth body design minimizes collection points simplifying the wash down process
- Strain relief nut always seals on the body regardless of cable size, eliminating areas of debris collection



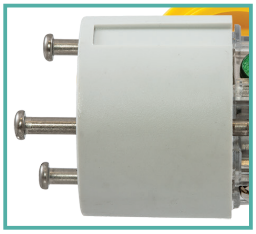
Cord Range

- Bryant's patented Gotcha® ring and collapsible bushing yields the industry's best strain relief
- Cone seal adjusts to any cable range
- Unique cone seal prevents dirt and debris from collecting at the cable entrance



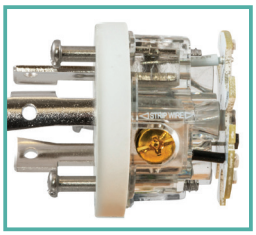
Protection

- Triple bypass seal keeps water away from electrical connections and works with previously installed devices
- Free-floating cap allows unwanted material to wash away during sanitation



Assembly

- Keyed interior for easy installation
- All stainless steel hardware and corrosion resistant connection points



Terminals and Plug Blades

- High conductivity brass termination
- Corrosion resistant connection points

Gotcha® is a registered trademark of Hubbell, inc.

Specifications are subject to change without notice.

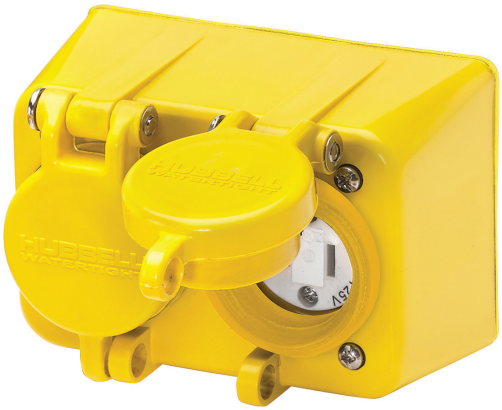
Features and Benefits

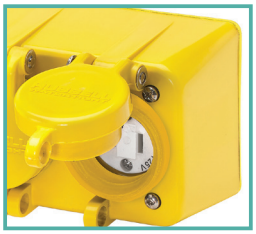
Watertight Receptacles with Lift Covers

Bryant Watertight receptacles with lift covers provide an impact resistant UL Type 4X seal combined with corrosion resistant metallic components. These universal covers can house any NEMA listed straight blade receptacles as well as any NEMA listed locking receptacles. The Watertight receptacles can either be mounted to FD/FS boxes (see page I-10) or panel mounted to a flat surface. Combined, this makes a diversified product with the high quality needed in industrial, wet and wash down applications.

UL Type 4, 4X

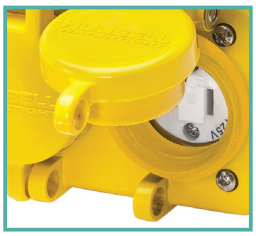
IP65, 66, 67, 69k
SUITABILITY





Housing Design
- Impact resistant PBT material lid and cover plate
- Thermoplastic elastomer seal

Assembly
- Stainless steel mounting hardware
- Stainless steel hinge spring and pin



Safety
- Lockable cover meets OSHA Lockout/Tagout regulations

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

UL Type 4, 4X, 6P

IP65, 66, 67, 69k*

SUITABILITY

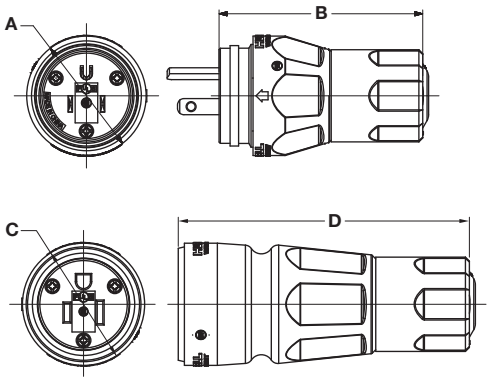
Rating Plug	Rating Connector	Poles/ Wires	Cord Diameter	Color	Thermoplastic Elastomer Plug	Connector	Receptacle with Lift Cover	Duplex Recept. with Lift Cover
NEMA 5-15, 15A 125V		2-Pole 3-Wire	.325"-.625" (8.3-15.9)	Yellow Black Clear	**BRY14W47 BRY14W47BK BRY14W47WC**	**BRY15W47 BRY15W47BK BRY15W47WC**	**BRY60W47 BRY60W47BK —**	**BRY60W47D —**
NEMA 6-15, 15A 250V		2-Pole 3-Wire	.325"-.625" (8.3-15.9)	Yellow	**BRY14W49**	**BRY15W49**	**BRY60W49**	**BRY60W49D**
NEMA 5-20, 20A 125V		2-Pole 3-Wire	.325"-.625" (8.3-15.9)	Yellow	**BRY14W33 BRY14W33WC**	**BRY15W33 BRY15W33WC**	**BRY60W33 —**	**BRY60W33D —**
NEMA 6-20, 20A 250V		2-Pole 3-Wire	.325"-.625" (8.3-15.9)	Yellow	**BRY14W48**	**BRY15W48**	**BRY60W48**	**BRY60W48D**

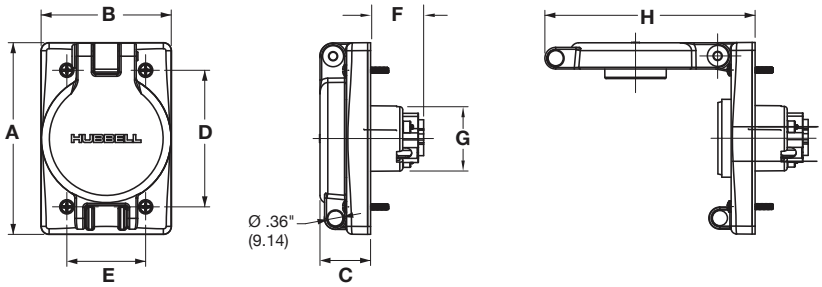
*Note: *Single and duplex receptacles while in use, not with cover closed.*
Black devices are available, consult factory.

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, 69k*

SUITABILITY

Rating Plug	Rating Connector	Poles/ Wires	Cord Diameter	Color	Thermoplastic Elastomer Plug	Connector	Receptacle	Duplex Receptacle
NEMA L5-15, 15A 125V		2-Pole 3-Wire	.300"-.625" (7.6-15.9)	Yellow Black Clear	**BRY24W47** **BRY24W47BK** **BRY24W47WC**	**BRY25W47** **BRY25W47BK** **BRY25W47WC**	**BRY65W47** — —	**BRY65W47D** — —
NEMA L6-15, 15A 250V		2-Pole 3-Wire	.300"-.625" (7.6-15.9)	Yellow	**BRY24W49**	**BRY25W49**	**BRY65W49**	**BRY65W49D**
NEMA L7-15, 15A 277V AC		2-Pole 3-Wire	.300"-.625" (7.6-15.9)	Yellow Black	**BRY24W34** **BRY24W34BK**	**BRY25W34** **BRY25W34BK**	**BRY65W34** —	**BRY65W34D** —

*Note: *Single and duplex receptacles while in use, not with cover closed.*
Black devices are available, consult factory.

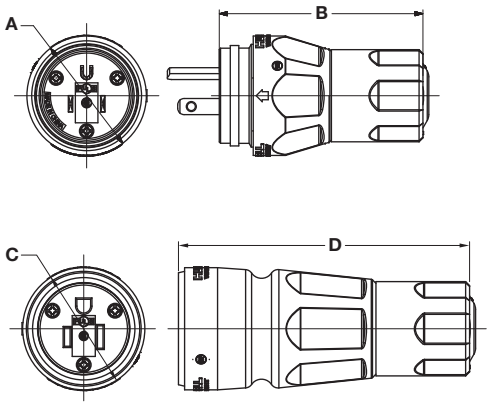
Product Dimensions Inches (mm)

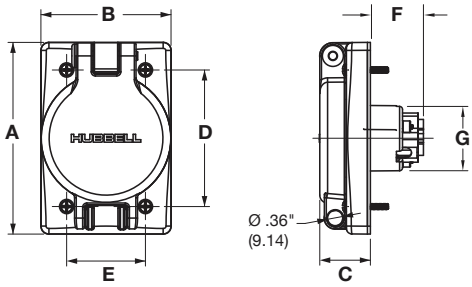
		15A Locking	20A Locking	30A Locking
Plugs	A	1.85" (47.07)	2.51" (63.70)	2.77" (70.41)
	B	3.21" (81.46)	3.96" (100.69)	3.94" (99.98)
Connectors	C	1.85" (47.07)	2.51" (63.70)	2.77" (70.41)
	D	4.62" (117.22)	5.69" (144.55)	5.67" (144.00)

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, 20A and 30A Locking 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, 69k*

SUITABILITY

IP69k

Rating Plug	Rating Connector	Poles/ Wires	Cord Diameter	Color	Thermoplastic Elastomer Plug	Thermoplastic Elastomer Connector	Thermoplastic Elastomer Receptacle
NEMA L5-20, 20A 125V		2-Pole 3-Wire	.325"-.750" (8.3-19.1)	Yellow Black	**BRY26W47 BRY26W47BK**	**BRY27W47 BRY27W47BK**	**BRY67W47 —**
NEMA L6-20, 20A 250V		2-Pole 3-Wire	.325"-.750" (8.3-19.1)	Yellow Black Clear	**BRY26W48 BRY26W48BK BRY26W48WC**	**BRY27W48 BRY27W48BK BRY27W48WC**	**BRY67W48 BRY67W48BK**
NEMA L7-20, 20A 277V AC		2-Pole 3-Wire	.325"-.750" (8.3-19.1)	Yellow	**BRY26W49**	**BRY27W49**	**BRY67W49**
NEMA L14-20, 20A 125/250V AC		3-Pole 4-Wire	.325"-.875" (8.3-22.2)	Yellow	**BRY26W74**	**BRY27W74**	**BRY67W74**
NEMA L15-20, 20A 3Ø 250V AC		3-Pole 4-Wire	.325"-.875" (8.3-22.2)	Yellow Black	**BRY26W75 BRY26W75BK**	**BRY27W75 BRY27W75BK**	**BRY67W75 BRY67W75BK**
NEMA L16-20, 20A 3Ø 480V AC		3-Pole 4-Wire	.325"-.875" (8.3-22.2)	Yellow Black	**BRY26W76 BRY26W76BK**	**BRY27W76 BRY27W76BK**	**BRY67W76 BRY67W76BK**
NEMA L21-20 20A 3ØY 120/208V AC		4-Pole 5-Wire	.350"-1.150" (9-29)	Yellow Black	**BRY26W81 BRY26W81BK**	**BRY27W81 BRY27W81BK**	**BRY67W81 —**
NEMA L22-20 20A 3ØY 277/480V AC		4-Pole 5-Wire	.350"-1.150" (9-29)	Yellow	**BRY26W82**	**BRY27W82**	**BRY67W82**
NEMA L23-20 20A 3ØY 347/600V		4-Pole 5-Wire	.350"-1.150" (9-29)	Yellow	**BRY26W83**	**BRY27W83**	**BRY67W83**
20A 125/250V, Non-NEMA		3-Pole 3-Wire	.325"-.875" (8.3-22.2)	Yellow	**BRY26W08**	**BRY27W08**	**BRY67W08**
20A 3ØY 120/208V AC Non-NEMA		4-Pole 4-Wire	.375"-1.125" (9.5-28.6)	Yellow	**BRY26W09**	**BRY27W09**	**BRY67W09**

*Note: *Single receptacles while in use, not with cover closed.*
Black devices are available, consult factory.
See page I-4 for product dimensions.

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

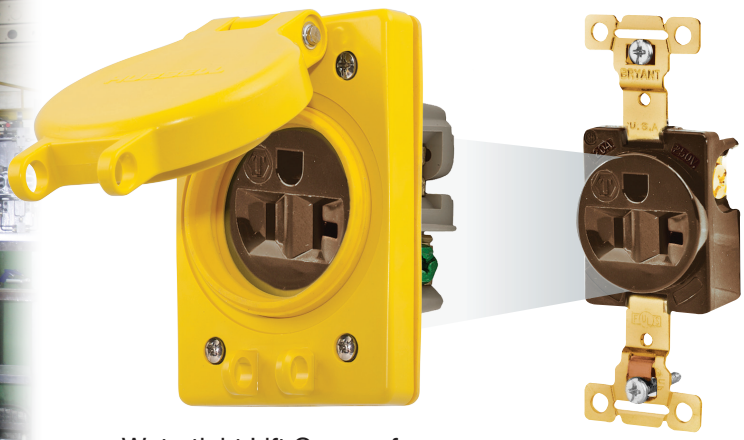
UL Type 4, 4X, 6P

IP65, 66, 67, 69k*

SUITABILITY

Rating Plug	Rating Connector	Poles/ Wires	Cord Diameter	Color	Thermoplastic elastomer Plug	Thermoplastic elastomer Connector	Thermoplastic elastomer Receptacle
NEMA L5-30, 30A 125V		2-Pole 3-Wire	.385"-.930" (9.8-23.6)	Yellow Black	**BRY28W47 BRY28W47BK**	**BRY29W47 BRY29W47BK**	**BRY69W47 —**
NEMA L6-30, 30A 250V		2-Pole 3-Wire	.385"-.930" (9.8-23.6)	Yellow Black	**BRY28W48 —**	**BRY29W48 —**	**BRY69W48 BRY69W48BK**
NEMA L7-30, 30A 277V		2-Pole 3-Wire	.385"-.930" (9.8-23.6)	Yellow	**BRY28W49**	**BRY29W49**	**BRY69W49**
NEMA L14-30, 30A 125/250V		3-Pole 4-Wire	.385"-.930" (9.8-23.6)	Yellow	**BRY28W74**	**BRY29W74**	**BRY69W74**
NEMA L15-30, 30A 3Ø 250V AC		3-Pole 4-Wire	.385"-1.050" (9.8-26.7)	Yellow Black	**BRY28W75 BRY28W75BK**	**BRY29W75 BRY29W75BK**	**BRY69W75 BRY69W75BK**
NEMA L16-30, 30A 3Ø 480V AC		3-Pole 4-Wire	.385"-1.050" (9.8-26.7)	Yellow Black	**BRY28W76 BRY28W76BK**	**BRY29W76 BRY29W76BK**	**BRY69W76 BRY69W76BK**
NEMA L17-30, 30A 3Ø 600V AC		3-Pole 3-Wire	.385"-.930" (9.8-23.6)	Yellow	**BRY28W77**	**BRY29W77**	**BRY69W77**
NEMA L18-30, 30A 3ØY 120/208V AC		4-Pole 4-Wire	.385"-1.050" (9.8-26.7)	Yellow	**BRY28W78**	**BRY29W78**	**—**
NEMA L21-30 30A 3ØY 120/208V AC		4-Pole 5-Wire	.350"-1.150" (9-29)	Yellow Black	**BRY28W81 BRY28W81BK**	**BRY29W81 BRY29W81BK**	**BRY69W81 —**
NEMA L22-30 30A 3ØY 277/480V AC		4-Pole 5-Wire	.350"-1.150" (9-29)	Yellow	**BRY28W82**	**BRY29W82**	**BRY69W82**
NEMA L23-30 30A 3ØY 347/600V AC		4-Pole 5-Wire	.350"-1.150" (9-29)	Yellow	**BRY28W83**	**BRY29W83**	**BRY69W83**
30A 125/250V, Non-NEMA		3-Pole 3-Wire	.385"-.930" (9.8-23.6)	Yellow	**BRY28W08**	**BRY29W08**	**BRY69W08**
30A 3ØY 120/208V AC, Non-NEMA		4-Pole 4-Wire	.385"-1.050" (9.8-26.7)	Yellow	**BRY28W09**	**BRY29W09**	**—**

*Note: *Single receptacles while in use, not with cover closed. Black devices are available, consult factory.*
See page I-5 for product dimensions.



Watertight Lift Covers, for use with standard receptacles.

Watertight Lift Covers

UL Type 4X

IP65, 66
SUITABILITY

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

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

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

UL Type 4X

IP65, 66, 69k*
SUITABILITY

Bryant FD boxes and angled adapters are made of high impact resistant material. They are the only NEC® compliant box system that has enough wiring room for a 50A locking device. The stainless steel mounting and grounding bracket provides corrosion resistance, necessary in direct wash down applications. The FD Boxes are UL Type 4X rated when used with Watertight Lift Covers, i.e. BRY6500 or BRY6700 as well as with a blank plate such as BRY60CM88. The box and angled adapter can either be purchased separately or as a kit. The FD box and Adapter can be used with any single or duplex receptacle up to a 50A locking.

Housing Design

- 30 cu. in. FD box made of high impact thermoplastic material
- ¾" NPT and 1" NPT threaded hub options
- Stainless steel mounting/grounding bracket
- External mounting feet, accepts #10 screw

Adapter

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

FD Boxes and Angled Adapters

UL Type 4X

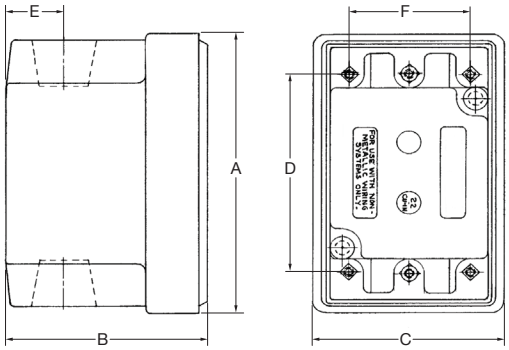
IP65, 66, 69k*
SUITABILITY

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**

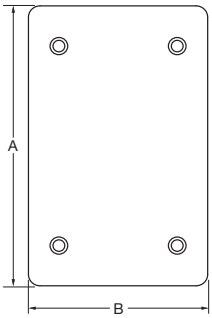
*Note: *Plug, receptacle and FD box required for IP69K rating.*
***Angled adapters are not UL listed or UL Type 4X.*

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

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

GFCI Protected FD Boxes

The GFCI protected FD box provides a UL Type 4X GFCI enclosure made for wet and damp locations for 30A 120V and 240V Watertight receptacles. The GFCI response time does not exceed .025 seconds ensuring a safe circuit shut down if the current were to deviate from its path. Auto resetting GFCI box, when connected to an FD box by utilizing a PolyTuff® liquid tight conduit provides advanced safety features for Watertight devices.

GFCI Housing Design

- UL enclosure Type 4X, for wet and damp locations. Components are UL and CSA listed
- 30A, 120V and 240V with auto reset
- GFCI response time is .025 sec. Max.
- Grounded neutral protection trips if ground and neutral touch at load side

FD Box

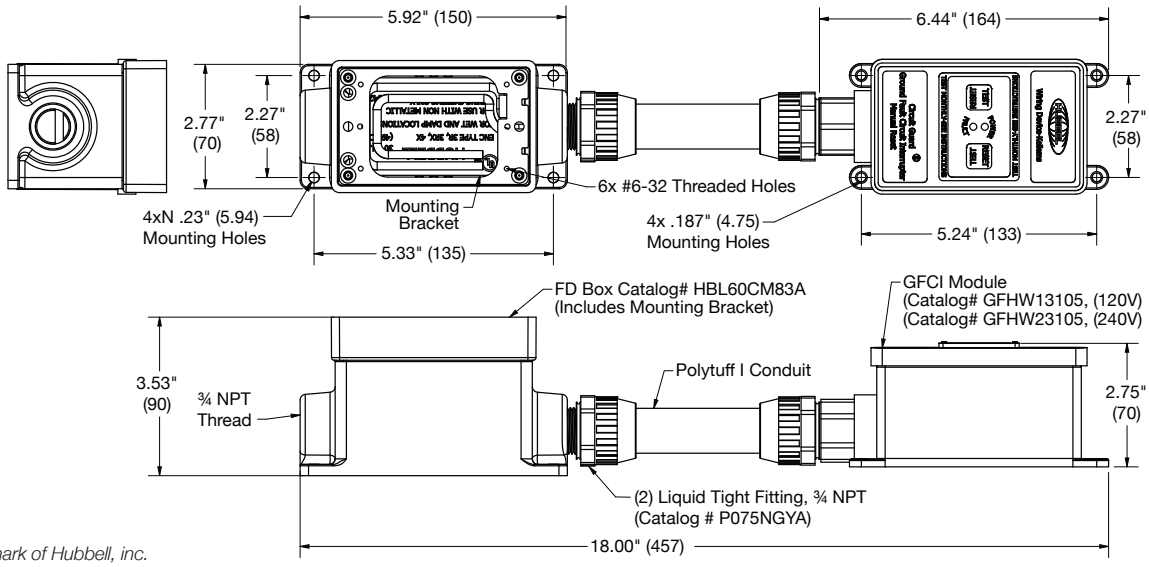
- Utilizes PolyTuff® liquidtight conduit and fittings
- UL enclosure Type 4X, for wet and damp locations. Components are UL and CSA listed
- For use with single and duplex watertight receptacles (single p hase only)

Note: Watertight receptacles purchased separately.

GFCI Protected FD Boxes

Description	Catalog Number
Watertight FD Box, GFCI Module, 30A 120V, Yellow	**BRYWTGF120**
Watertight FD Box, GFCI Module, 30A 240V, Yellow	**BRYWTGF240**

Product Dimensions Inches (mm)



Gotcha® is a registered trademark of Hubbell, inc.

- 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

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

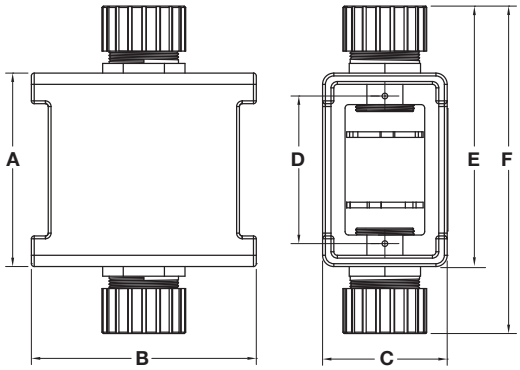
IP65, 66
SUITABILITY

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**

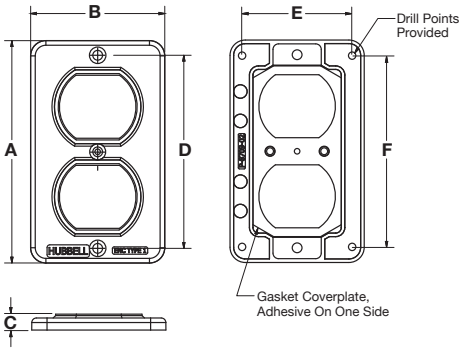
Product Dimensions Inches (mm)

	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.



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

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Section J

Corrosion-Resistant Devices

Table of Contents Page

Corrosion-Resistant Straight Blade Devices

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

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

Corrosion-Resistant Locking Devices

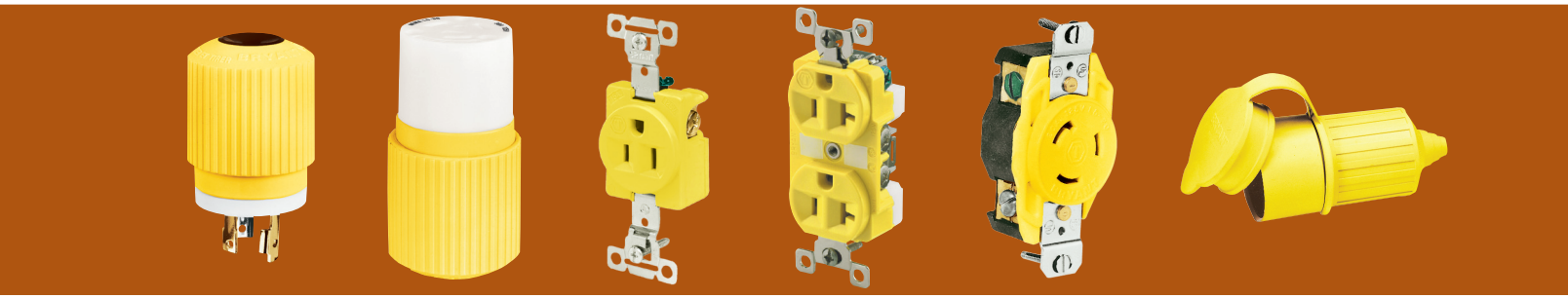
15 Amp 125V, 2-Pole 3-Wire Grounding J-3

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

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

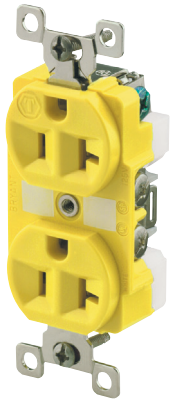
Accessories

Weather Protective Boots. J-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®

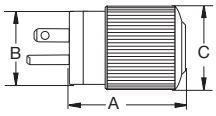
Rating Plug	Rating Connector	Cord Diameter	Poles/Wires	Color	Nylon Polymer Plug	Nylon Polymer Connector	Nylon Receptacle, Back and Side Wired: Single	Nylon Receptacle, Back and Side Wired: Duplex
NEMA 5-15 15A 125V		.300"-.625" (7.6-15.9)	2-Pole 3-Wire	Yellow Brown	**BRY5266NPCR** —	**BRY5269NCCR** —	**5261CR*** —	**BRY5262CR** **BRY5262BCR**
NEMA 5-20 20A 125V		.300"-.625" (7.6-15.9)	2-Pole 3-Wire	Yellow	**BRY5366NPCR**	**BRY5369NCCR**	**5361CR***	**BRY5362CR**
NEMA 6-15 15A 250V		.300"-.625" (7.6-15.9)	2-Pole 3-Wire	Yellow	—	—	—	**BRY5662CR**
NEMA 6-20 20A 250V		.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.

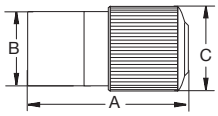
Product Dimensions Inches (mm)

	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)

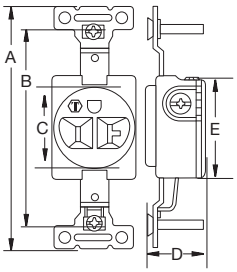


Plug

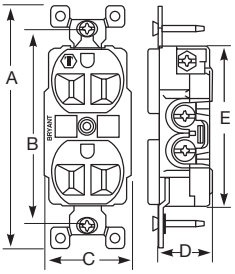


Connector

	Receptacle: Single	Receptacle: 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)



Single



Duplex

Specifications are subject to change without notice.

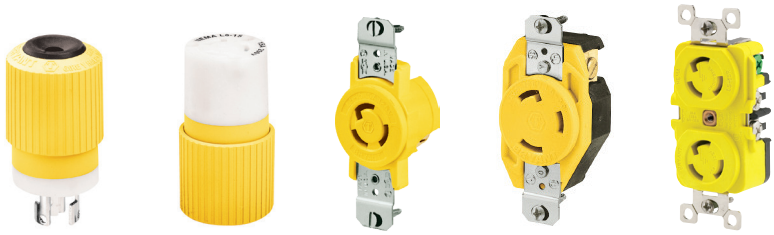
Corrosion-Resistant Devices

15, 20 and 30 Amp Locking 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
- Individual wire pockets with clamp-type terminals

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

TECH·SPEC®

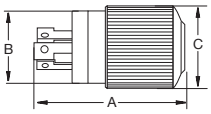


Rating Plug	Rating Connector	Cord Diameter	Poles/Wires	Color	Clamp-Type Terminals, Back Wired: Nylon Plug	Clamp-Type Terminals, Back Wired: Nylon Connector	Nylon Receptacle: Single, Back and Side Wired	Nylon Receptacle: Duplex, Back Wired, Clamp-Type Terminals
NEMA L5-15 15A 125V		.300"-.625" (7.6-15.9)	2-Pole 3-Wire	Yellow	**4721NPCR***	**4732NCCR***	**4710CR***	**4700DRCR**
NEMA L5-20 20A 125V		.300"-.950" (7.6-24.1)	2-Pole 3-Wire	Yellow	**70520NPCR***	**70520NCCR**	**70520FRCR**	—
NEMA L5-30 30A 125V		.300"-.950" (7.6-24.1)	2-Pole 3-Wire	Yellow	**70530NPCR**	**70530NCCR**	**70530FRCR**	—

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

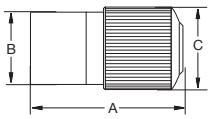
Product Dimensions Inches (mm)

	Plug 15A	Plug 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)



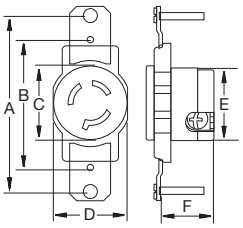
Plug

	Connector 15A	Connector 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)

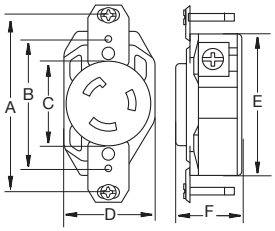


Connector

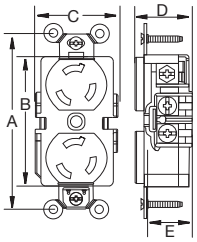
	Single Receptacle 15A	Single Receptacle 20A/30A	Duplex Receptacle 15A
A	3.28" (83.3)	3.28" (83.3)	3.28" (83.3)
B	2.38" (60.5)	2.38" (60.5)	2.74" (69.5)
C	1.38" (35.1)	1.56" (39.6)	1.70" (43.2)
D	1.41" (35.8)	1.70" (43.2)	1.17" (29.67)
E	1.37" (34.8)	2.67" (67.8)	.93" (23.72)
F	1.01" (25.7)	1.24" (31.5)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



15A Single Receptacle



20A/30A Single Receptacle



15A Duplex Receptacle

Corrosion-Resistant Devices

Accessories - Weather Protective Boots

- 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
- 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

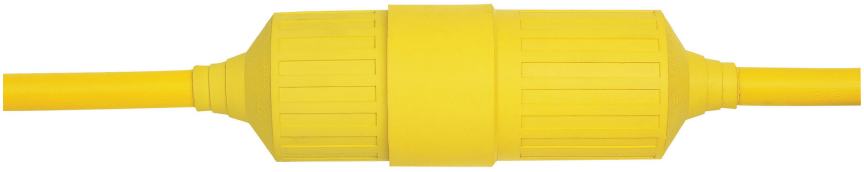
Weather Protective Boots

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**	**—**

Weather Protective Boots

70530NPCR Plug
72002BP Boot

70530NCCR Connector
72002BC Boot



Section K

IEC 60309 Pin and Sleeve Devices

Table of Contents Page

IEC Configurations and Ratings K-5

Watertight Devices

Product Features K-3
20, 30 and 60 Amp North American Ratings K-4
100 Amp North American Ratings K-5
16, 32, 63 and 125 Amp International Ratings K-5
Dimensional Data K-8
Technical Specifications K-12

Splashproof Devices

16 and 32 Amp International Ratings K-6
Technical Specifications K-13

Accessories

Back Boxes, Adapter Plates and Closure Caps K-10

Switched Mechanical Interlocks

Unfused Mechanical Interlocks K-11
Technical Specifications K-14

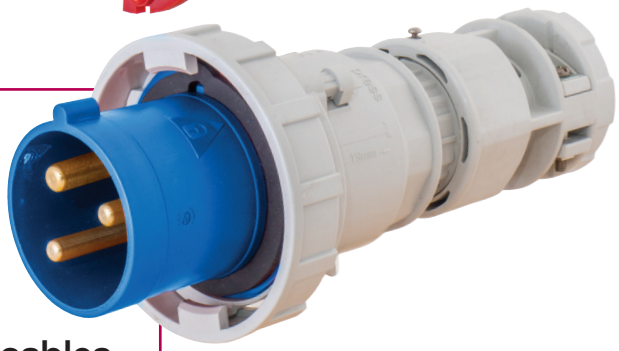
Technical Specifications

Watertight Devices K-12
Splashproof Devices K-13
Mechanical Interlocks K-14
Horsepower Ratings K-14

IEC 60309 Watertight IEC Pin and Sleeve

IP67
SUITABILITY

- 20, 30, 60 and 100A - cULus for use in North America
- 16, 32, 63 and 125A - VDE listed for use Internationally
- Dual rated devices - cULus and VDE listed



Why Bryant

- Value engineered to balance price and performance
- Significantly improves installation time reducing cost
- Accepts full range of UL and VDE approved cables
- Withstands demanding applications
- Complete offering of IP67 and IP44 devices
- Dual rated versions available where applicable

Ideal for:

- OEMs
- Food Processing
- Heavy Duty Industrial Applications
- Pharmaceutical
- Data Center
- Entertainment
- Transportation
- Commercial Applications

Specifications are subject to change without notice.

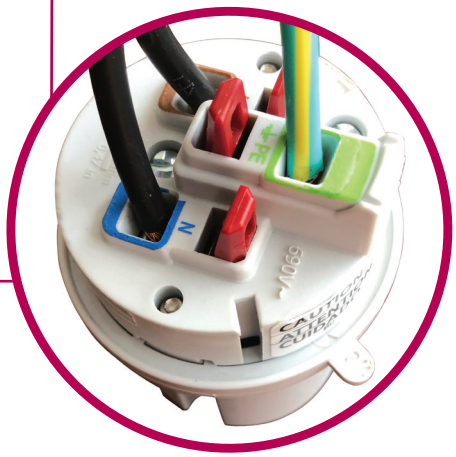
Bryant's Comprehensive Product Line

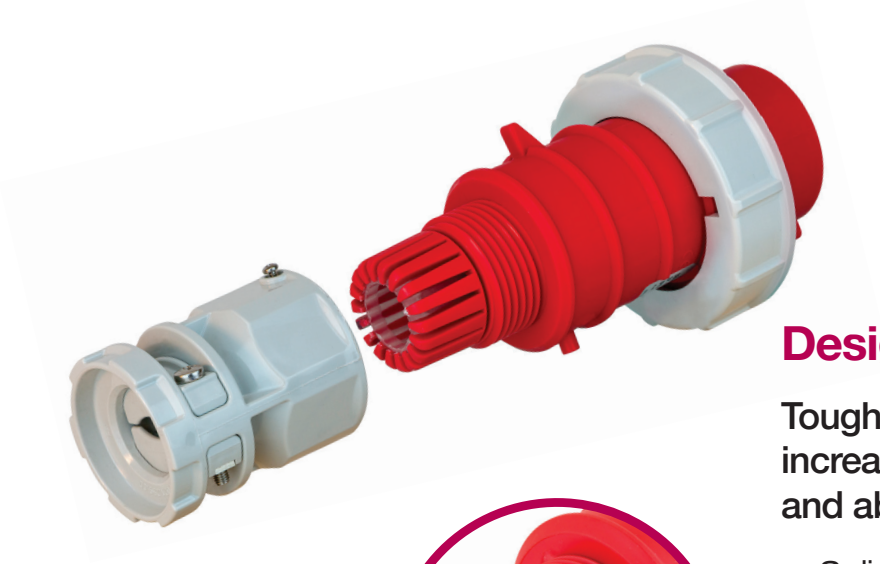
- Multiple new installation efficiencies
- Complete offering of both IP67 and IP44 device
- Dual rated devices for use in North America and Internationally
- Screwless two piece housing for 60A and 100A devices

Improve installation time by over 80%

The only UL approved screwless terminations in the world for 30/32A IEC 60309 pin and sleeve

- Strong spring continuously applies pressure as strands relax
- Eliminates timely step of ferrules
- No torque screwdriver required





Design Features:

Tough insulated PBT housing provides increased safety and maximum impact and abuse resistance

- Solid pin construction provides for long life and reliable electrical contact
- Shrouding protects the pins from impact and abuse
- Product is easily identified by color coded housings and product labels

IEC 60309 Pin and Sleeve Devices

IP67 SUITABILITY

US LISTED

Watertight Series North American Ratings

Amps	Poles/ Wires	Dual Rated	Ratings	Configu-ration	Watertight IP67 Suitability				Back Box*	Closure Cap**
					Inlet	Connector	Plug	Receptacle		
16/20	2P/3W		16A 100-130V		BRY316B4W	BRY316C4W	BRY316P4W	BRY316R4W	BB201WA BB301WA	CC320A
			20A 125V AC		BRY320B4W	BRY320C4W	BRY320P4W	BRY320R4W		
			20A 480V AC		BRY320B7W	BRY320C7W	BRY320P7W	BRY320R7W		
	3P/4W		20A 3Ø 600V		BRY420B5W	BRY420C5W	BRY420P5W	BRY420R5W	BB201WA BB301WA	CC420A
			20A 3Ø 480V		BRY420B7W	BRY420C7W	BRY420P7W	BRY420R7W		
		Dual Rated	16/20A 250VAC		BRY420B9W	BRY420C9W	BRY420P9W	BRY420R9W		
	4P/5W		20A 347/600V		BRY520B5W	BRY520C5W	BRY520P5W	BRY520R5W	BB201WA BB301WA	CC520
		Dual Rated	16/20A 200-415VAC		BRY520B6W	BRY520C6W	BRY520P6W	BRY520R6W		
			20A 277/480V		BRY520B7W	BRY520C7W	BRY520P7W	BRY520R7W		
		Dual Rated	16/20A 120/208V		BRY520B9W	BRY520C9W	BRY520P9W	BRY520R9W		
30/32	2P/3W		32A 100-130V		BRY332B4W	BRY332C4W	BRY332P4W	BRY332R4W	BB201WA BB301WA	CC330
			30A 125V AC		BRY330B4W	BRY330C4W	BRY330P4W	BRY330R4W		
			30A 480V AC		BRY330B7W	BRY330C7W	BRY330P7W	BRY330R7W		
	3P/4W		32A 380-480V		BRY432B3W	BRY432C3W	BRY432P3W	BRY432R3W		
			30A 3Ø 600V		BRY430B5W	BRY430C5W	BRY430P5W	BRY430R5W		
		Dual Rated	30/32A 380-415VAC		BRY430B6W	BRY430C6W	BRY430P6W	BRY430R6W		
			30A 3Ø 480V		BRY430B7W	BRY430C7W	BRY430P7W	BRY430R7W		
		Dual Rated	30/32A 3P 250 VAC		BRY430B9W	BRY430C9W	BRY430P9W	BRY430R9W		
	4P/5W		30A 347/600V		BRY530B5W	BRY530C5W	BRY530P5W	BRY530R5W	BB201WA BB301WA	CC530
		Dual Rated	30/32A 200-415VAC		BRY530B6W	BRY530C6W	BRY530P6W	BRY530R6W		
			30A 277/480V		BRY530B7W	BRY530C7W	BRY530P7W	BRY530R7W		
		Dual Rated	30/32A 120/208V		BRY530B9W	BRY530C9W	BRY530P9W	BRY530R9W		
60/63	2P/3W		60A 125V AC		BRY360B4W	BRY360C4W	BRY360P4W	BRY360R4W	BB601WA BB602WA	CC560
			60A 480V AC		BRY360B7W	BRY360C7W	BRY360P7W	BRY360R7W		
	3P/4W		60A 3Ø 600V		BRY460B5W	BRY460C5W	BRY460P5W	BRY460R5W		
		Dual Rated	60/63A 380-415VAC		BRY460B6W	BRY460C6W	BRY460P6W	BRY460R6W		
			60A 3Ø 480V		BRY460B7W	BRY460C7W	BRY460P7W	BRY460R7W		
		Dual Rated	60/63A 3P 250 VAC		BRY460B9W	BRY460C9W	BRY460P9W	BRY460R9W		
	4P/5W		60A 347/600V		BRY560B5W	BRY560C5W	BRY560P5W	BRY560R5W		
		Dual Rated	60/63A 200-415VAC		BRY560B6W	BRY560C6W	BRY560P6W	BRY560R6W		
			60A 277/480V		BRY560B7W	BRY560C7W	BRY560P7W	BRY560R7W		
		Dual Rated	60/63A 120/208V		BRY560B9W	BRY560C9W	BRY560P9W	BRY560R9W		

Note: *Back boxes for: 20 and 30 amp receptacles require AP2030 adapter plate (ordered separately). Also see direct mounting back box DM20301 (page K-10) . 60 amp receptacles require AP60 adapter plate (ordered separately). Also see direct mounting back box DM602 (page K-10).
**For use with plugs and inlets. Provides watertight protection.

IEC 60309 Pin and Sleeve Devices

IP67 SUITABILITY

Watertight 100 Amp North American Ratings

Amps	Poles/ Wires	Dual Rated	Ratings	Configu-ration	Watertight IP67 Suitability: Inlet	Connector	Plug	Receptacle	Back Box*	Closure Cap**
100/ 125	2P/3W		100A 480V AC		BRY3100B7W	BRY3100C7W	BRY3100P7W	BRY3100R7W	BB1001WA BB1002WA	CC510
	3P/4W		100A 3Ø 600V		BRY4100B5W	BRY4100C5W	BRY4100P5W	BRY4100R5W		
		Dual Rated	100/125A 380-415V AC		BRY4100B6W	BRY4100C6W	BRY4100P6W	BRY4100R6W		
			100A 3Ø 480V		BRY4100B7W	BRY4100C7W	BRY4100P7W	BRY4100R7W		
		Dual Rated	100/125A 3P 250 VAC		BRY4100B9W	BRY4100C9W	BRY4100P9W	BRY4100R9W		
	4P/5W		100A 347/600V		BRY5100B5W	BRY5100C5W	BRY5100P5W	BRY5100R5W		
		Dual Rated	100/125A 200-415V AC		BRY5100B6W	BRY5100C6W	BRY5100P6W	BRY5100R6W		
			100A 277/480V		BRY5100B7W	BRY5100C7W	BRY5100P7W	BRY5100R7W		
		Dual Rated	100/125A 120/208V		BRY5100B9W	BRY5100C9W	BRY5100P9W	BRY5100R9W		

Watertight International Ratings

Amps	Poles/ Wires	Dual Rated	Ratings	Configu-ration	Watertight IP67 Suitability: Inlet	Connector	Plug	Receptacle	Back Box*	Closure Cap**
16/20	2P/3W		16A 100-130V		BRY316B4W	BRY316C4W	BRY316P4W	BRY316R4W	BB201WA BB301WA	CC320A
	3P/4W	Dual Rated	16/20A 3P 250 VAC		BRY420B9W	BRY420C9W	BRY420P9W	BRY420R9W	BB201WA BB301WA	CC420A
	4P/5W	Dual Rated	16/20A 200-415V AC		BRY520B6W	BRY520C6W	BRY520P6W	BRY520R6W	BB201WA BB301WA	CC330
		Dual Rated	16/20A 120/208V		BRY520B9W	BRY520C9W	BRY520P9W	BRY520R9W		
30/32	2P/3W		32A 100-130V		BRY332B4W	BRY332C4W	BRY332P4W	BRY332R4W	BB201WA BB301WA	CC330
	3P/4W		32A 380-480V		BRY432B3W	BRY432C3W	BRY432P3W	BRY432R3W		
		Dual Rated	30/32A 380-415V AC		BRY430B6W	BRY430C6W	BRY430P6W	BRY430R6W		
		Dual Rated	30/32A 3P 250 VAC		BRY430B9W	BRY430C9W	BRY430P9W	BRY430R9W		
	4P/5W	Dual Rated	30/32A 200-415V AC		BRY530B6W	BRY530C6W	BRY530P6W	BRY530R6W	BB201WA BB301WA	CC530
		Dual Rated	30/32A 120/208V		BRY530B9W	BRY530C9W	BRY530P9W	BRY530R9W		
60/63	3P/4W	Dual Rated	60/63A 380-415V AC		BRY460B6W	BRY460C6W	BRY460P6W	BRY460R6W	BB601WA BB602WA	CC560
		Dual Rated	60/63A 3P 250 VAC		BRY460B9W	BRY460C9W	BRY460P9W	BRY460R9W		
	4P/5W	Dual Rated	60/63A 200-415V AC		BRY560B6W	BRY560C6W	BRY560P6W	BRY560R6W		
		Dual Rated	60/63A 120/208V		BRY560B9W	BRY560C9W	BRY560P9W	BRY560R9W		

Note: *Back boxes for: 16 and 32 amp receptacles require AP2030 adapter plate (ordered separately). Also see direct mounting back box DM20301. 63 amp receptacles require AP60 adapter plate (ordered separately). Also see direct mounting back box DM602. 125 amp receptacles require AP100 adapter plate ordered separately (page K-10).
**For use with plugs and inlets. Provides watertight protection.

IEC 60309 Pin and Sleeve Devices

IP44 SUITABILITY

Splashproof Series North American Ratings

Amps	Poles/ Wires	Dual Rated	Ratings	Configu-ration	Splashproof IP44 Suitability				Back Box*	Closure Cap**
					Inlet	Connector	Plug	Receptacle		
16/20	2P/3W	Dual Rated	16A 100-130V		BRY316B4S	BRY316C4S	BRY316P4S	BRY316R4S	BB201WA BB301WA	CC320A
			20A 125V AC		BRY320B4S	BRY320C4S	BRY320P4S	BRY320R4S		
			20A 480V AC		BRY320B7S	BRY320C7S	BRY320P7S	BRY320R7S		
	3P/4W	Dual Rated	20A 3Ø 600V		BRY420B5S	BRY420C5S	BRY420P5S	BRY420R5S	BB201WA BB301WA	CC420A
			20A 3Ø 480V		BRY420B7S	BRY420C7S	BRY420P7S	BRY420R7S		
			16/20A 3P 250 VAC		BRY420B9S	BRY420C9S	BRY420P9S	BRY420R9S		
	4P/5W	Dual Rated	20A 347/600V		BRY520B5S	BRY520C5S	BRY520P5S	BRY520R5S	BB201WA BB301WA	CC520
			16/20A 200-415V AC		BRY520B6S	BRY520C6S	BRY520P6S	BRY520R6S		
			20A 277/480V		BRY520B7S	BRY520C7S	BRY520P7S	BRY520R7S		
			16/20A 120/208V		BRY520B9S	BRY520C9S	BRY520P9S	BRY520R9S		
30/32	2P/3W	Dual Rated	32A 100-130V		BRY332B4S	BRY332C4S	BRY332P4S	BRY332R4S	BB201WA BB301WA	CC330
			30A 125V AC		BRY330B4S	BRY330C4S	BRY330P4S	BRY330R4S		
			30A 480V AC		BRY330B7S	BRY330C7S	BRY330P7S	BRY330R7S		
	3P/4W	Dual Rated	32A 380-480V		BRY432B3S	BRY432C3S	BRY432P3S	BRY432R3S		
			30A 3Ø 600V		BRY430B5S	BRY430C5S	BRY430P5S	BRY430R5S		
			30/32A 380-415V AC		BRY430B6S	BRY430C6S	BRY430P6S	BRY430R6S		
			30A 3Ø 480V		BRY430B7S	BRY430C7S	BRY430P7S	BRY430R7S		
			30/32A 3P 250 VAC		BRY430B9S	BRY430C9S	BRY430P9S	BRY430R9S		
	4P/5W	Dual Rated	30A 347/600V		BRY530B5S	BRY530C5S	BRY530P5S	BRY530R5S	BB201WA BB301WA	CC530
			30/32A 200-415V AC		BRY530B6S	BRY530C6S	BRY530P6S	BRY530R6S		
			30A 277/480V		BRY530B7S	BRY530C7S	BRY530P7S	BRY530R7S		
			30/32A 120/208V		BRY530B9S	BRY530C9S	BRY530P9S	BRY530R9S		
60/63	2P/3W	Dual Rated	60A 125V AC AC		BRY360B4S	BRY360C4S	BRY360P4S	BRY360R4S	BB601WA BB602WA	CC560
			60A 480V AC AC		BRY360B7S	BRY360C7S	BRY360P7S	BRY360R7S		
	3P/4W	Dual Rated	60A 3Ø 600V		BRY460B5S	BRY460C5S	BRY460P5S	BRY460R5S		
			60/63A 380-415V AC		BRY460B6S	BRY460C6S	BRY460P6S	BRY460R6S		
			60A 3Ø 480V		BRY460B7S	BRY460C7S	BRY460P7S	BRY460R7S		
			60/63A 3P 250 VAC		BRY460B9S	BRY460C9S	BRY460P9S	BRY460R9S		
	4P/5W	Dual Rated	60A 347/600V		BRY560B5S	BRY560C5S	BRY560P5S	BRY560R5S		
			60/63A 200-415V AC		BRY560B6S	BRY560C6S	BRY560P6S	BRY560R6S		
			60A 277/480V		BRY560B7S	BRY560C7S	BRY560P7S	BRY560R7S		
			60/63A 120/208V		BRY560B9S	BRY560C9S	BRY560P9S	BRY560R9S		

Note: *Back boxes for: 20 and 30 amp receptacles require AP2030 adapter plate (ordered separately). Also see direct mounting back box DM20301. 60 amp receptacles require AP60 adapter plate (ordered separately). Also see direct mounting back box DM602 (page K-10).
**For use with plugs and inlets. Provides watertight protection.

IEC 60309 Pin and Sleeve Devices

Splashproof Series International Ratings

Amps	Poles/ Wires	Dual Rated	Ratings	Configu-ration	Splashproof IP44 Suitability				Back Box*	Closure Cap**
					Inlet	Connector	Plug	Receptacle		
16/20	2P/3W	Dual Rated	16A 100-130V		**BRY316B4S**	**BRY316C4S**	**BRY316P4S**	**BRY316R4S**	**BB201WA BB301WA**	**CC320A**
	3P/4W		16/20A 125/250V AC		**BRY420B9S**	**BRY420C9S**	**BRY420P9S**	**BRY420R9S**		
	4P/5W		16/20A 200-415V AC		**BRY520B6S**	**BRY520C6S**	**BRY520P6S**	**BRY520R6S**		
30/32	2P/3W	Dual Rated	32A 100-130V		**BRY332B4S**	**BRY332C4S**	**BRY332P4S**	**BRY332R4S**	**BB201WA BB301WA**	**CC330**
	3P/4W		32A 380-480V		**BRY432B3S**	**BRY432C3S**	**BRY432P3S**	**BRY432R3S**		
			30/32A 380-415V AC		**BRY430B6S**	**BRY430C6S**	**BRY430P6S**	**BRY430R6S**		
	4P/5W		30/32A 200-415V AC		**BRY530B6S**	**BRY530C6S**	**BRY530P6S**	**BRY530R6S**		
60/63	3P/4W	Dual Rated	60/63A 380-415V AC		**BRY460B6S**	**BRY460C6S**	**BRY460P6S**	**BRY460R6S**	**BB601WA BB602WA**	**CC560**
	4P/5W		60/63A 200-415V AC		**BRY560B6S**	**BRY560C6S**	**BRY560P6S**	**BRY560R6S**		

Note: *Back boxes for: 20 and 30 amp receptacles require AP2030 adapter plate (ordered separately). Also see direct mounting back box DM20301. 60 amp receptacles require AP60 adapter plate (ordered separately). Also see direct mounting back box DM602 (page K-10).
**For use with plugs and inlets. Provides watertight protection.

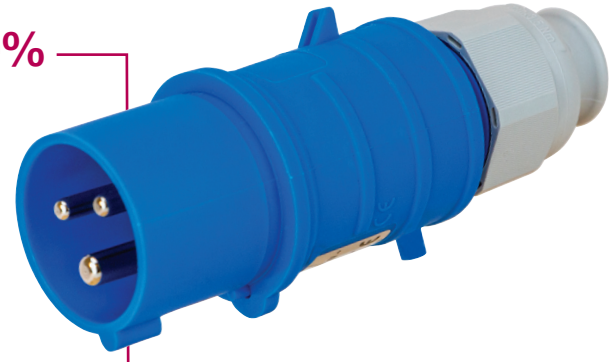
IP44
SUITABILITY

IEC 60309 Splashproof Pin and Sleeve Devices

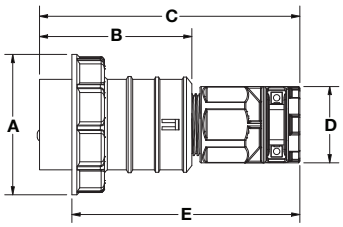
- 20, 30 and 60A - cULus for use in North America
- 16, 32 and 63A - VDE listed for use Internationally
- Dual rated devices - cULus and VDE listed

Improve Installation Time by Over 80%

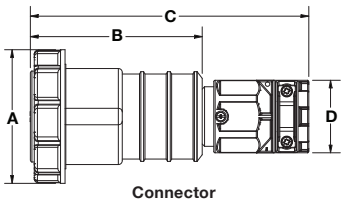
- Only UL approve screwless termination in the world for 30A and 32A pin and sleeve
- Glandless water ingress protection
- External strain relief
- No torque screwdriver required



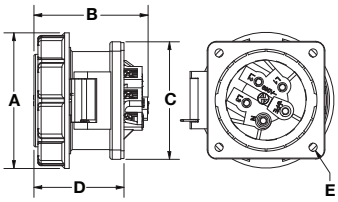
IP67 SUITABILITY



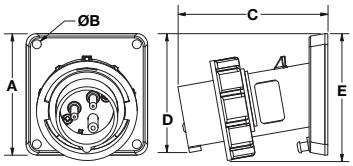
Plug



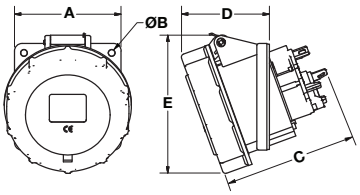
Connector



Receptacle



Inlet
Front & Side View



Angled Receptacle
Front & Side View

IEC 60309 Watertight Series Product Dimensions Inches (mm)

Plug	A Inches (mm)	B Inches (mm)	C Inches (mm)	D Inches (mm)	E Inches (mm)
BRY320P	2.78" (70)	3.62" (94)	5.98" (152)	1.73" (44)	5.20" (132)
BRY420P	2.78" (70)	3.7" (94)	6.3" (160)	1.73" (44)	5.39" (137)
BRY520P	3.41" (86)	3.61" (92)	6.34" (161)	1.85" (47)	5.55" (141)
BRY330P, BRY430P	3.7" (94)	4.49" (114)	8.03" (204)	2.32" (59)	6.81" (173)
BRY530P	4.0" (101)	4.49" (114)	8.11" (206)	2.32" (59)	6.73" (171)
BRY360P, BRY460P, BRY560P	4.47" (114)	6.0" (153)	10.24" (260)	2.83" (72)	8.19" (208)
BRY3100P, BRY4100P, BRY5100P	4.94" (126)	6.73" (171)	12.13" (308)	3.58" (91)	9.88" (251)
BRY316P	2.78" (70)	3.62" (94)	5.21" (132)	1.73" (44)	4.53" (115)
BRY432P	3.7" (94)	4.49" (114)	6.54" (166)	2.32" (59)	5.44" (138)
Connector					
BRY320C	2.78" (70)	4.29" (109)	6.77" (172)	1.73" (44)	
BRY420C	3.09" (78)	4.29" (109)	6.89" (175)	1.85" (47)	
BRY520C	3.41" (86)	4.41" (112)	7.2" (183)	1.73" (44)	
BRY330C, BRY430C	3.7" (94)	5.35" (136)	8.78" (223)	2.32" (59)	
BRY530C	4.0" (101)	5.35" (136)	8.98" (228)	2.32" (59)	
BRY360P, BRY460P, BRY560P	4.37" (111)	6.85" (174)	11.06" (285)	2.83" (72)	
BRY3100C, BRY4100C, BRY5100C	4.92" (125)	7.44" (189)	12.83" (326)	3.58" (91)	
BRY316C	2.78" (70)	4.29" (109)	5.88" (149)	1.73" (44)	
BRY432C	4.37" (111)	5.35" (136)	7.44" (187)	2.32" (59)	
Receptacle					
BRY316R, BRY320R	2.78" (70)	2.83" (72)	2.95" (75)	2.17" (55)	0.22" (5)
BRY420R	3.09" (78)	3.23" (82)	2.95" (75)	2.24" (57)	0.22" (5)
BRY520R	3.39" (86)	2.83" (72)	2.95" (75)	2.17" (55)	0.22" (5)
BRY330R, BRY430R, BRY332R, BRY432R	3.7" (94)	4.25" (108)	2.95" (75)	2.68" (68)	0.22" (5)
BRY530R	3.98" (101)	4.33" (110)	2.95" (75)	2.52" (64)	0.22" (5)
ALL 60A	4.37" (111)	5.2" (132)	3.94" (100)	2.95" (75)	0.26" (6)
ALL 100	4.92" (125)	6.42" (163)	4.72" (120)	4.53" (115)	0.28" (7)
Inlet					
BRY316B, BRY320B	3.35" (85)	0.25" (6)	4.06" (103)	3.31" (84)	3.5" (89)
BRY416B, BRY420B	3.35" (85)	0.25" (6)	4.29" (109)	3.46" (88)	3.7" (94)
BRY516B, BRY520B	3.35" (85)	0.25" (6)	4.53" (115)	3.66" (93)	3.9" (99)
BRY330B, BRY430B, BRY332B, BRY432B	3.35" (85)	0.25" (6)	4.72" (120)	3.78" (96)	4.06" (103)
BRY530B, BRY532B	3.35" (85)	0.25" (6)	5.28" (134)	4.17" (106)	4.45" (113)
ALL 60A	3.94" (100)	0.26" (7)	6.1" (155)	4.65" (118)	4.92" (125)
ALL 100	4.72" (120)	0.26" (7)	5.91" (150)	5.12" (130)	5.35" (136)
Angled Receptacle					
BRY316AR, BRY320AR	2.44" (62)	0.22" (5)	3.23" (82)	2.09" (53)	3.19" (81)
BRY420AR	3.62" (92)	0.22" (5)	3.27" (83)	2.2" (56)	3.43" (87)
BRY520AR	3.35" (85)	0.22" (5)	3.46" (88)	2.32" (59)	3.82" (97)
BRY330AR, BRY332AR, BRY430AR, BRY432AR	3.35" (85)	0.22" (5)	4.76" (121)	2.72" (69)	4.02" (102)
BRY530AR	3.35" (85)	0.22" (5)	4.61" (117)	2.72" (69)	4.37" (111)
ALL 60AR	4.49" (114)	0.26" (6)	5.67" (144)	3.15" (80)	4.69" (119)
ALL 100AR	4.49" (114)	0.26" (6)	6.81" (173)	3.5" (89)	5.28" (134)

Grip Ranges

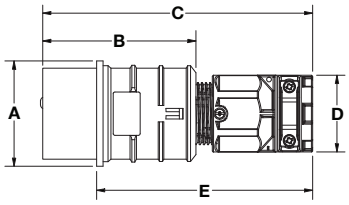
AMPERAGE	WIRES	UL GRIP RANGE	VDE GRIP RANGE
16/20 AMP	3	.370/.595	.36/7.08
16/20 AMP	4	.410/.650	.36/7.08
16/20 AMP	5	.650/.710	.630/.827
30/32 AMP	3	.565/.930	.565/1.61
30/32 AMP	4	.625/1.05	.565/1.61
30/32 AMP	5	.760/1.15	.565/1.61
60/63 AMP	3	.970/1.45	.970/1.45
60/63 AMP	4	1.050/1.45	.970/1.45
60/63 AMP	5	1.18/1.45	.970/1.45
100/125 AMP	3	1.05/1.51	1.22/1.89
100/125 AMP	4	0.905/1.68	1.22/1.89
100/125 AMP	5	1.063/1.88	1.22/1.89

Specifications are subject to change without notice.

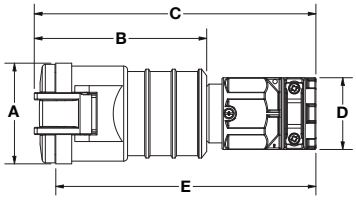
IP44
SUITABILITY

IEC 60309 Splashproof Series
Product Dimensions Inches (mm)

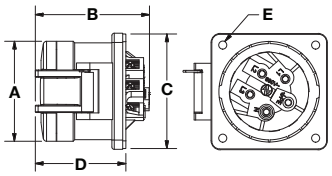
Plug	A Inches (mm)	B Inches (mm)	C Inches (mm)	D Inches (mm)	E Inches (mm)
BRY320P	2.01" (51)	3.62" (92)	6.18" (157)	1.73" (44)	4.88" (124)
BRY420P	2.28" (58)	3.58" (91)	6.18" (157)	1.73" (44)	4.88" (124)
BRY520P	2.54" (65)	3.70" (94)	6.54" (166)	1.85" (47)	5.24" (133)
BRY330P, BRY430P	2.60" (66)	4.61" (117)	8.03" (204)	2.32" (59)	6.22" (158)
BRY530P	2.83" (72)	4.61" (117)	8.03" (204)	2.32" (59)	6.22" (158)
BRY360P, BRY460P, BRY560P	3.80" (97)	6.0" (153)	10.04" (255)	2.83" (72)	7.40" (188)
BRY316P	2.01" (51)	3.62" (92)	6.18" (157)	1.73" (44)	4.88" (124)
BRY432P	2.60" (66)	4.61" (117)	8.03" (204)	2.32" (59)	6.22" (158)
Connector					
BRY320C	2.01" (51)	4.17" (106)	6.77" (172)	1.73" (44)	6.71" (170)
BRY420C	2.28" (58)	4.29" (109)	6.89" (175)	1.73" (44)	6.71" (170)
BRY520C	2.54" (65)	4.45" (113)	7.28" (185)	1.85" (47)	6.71" (170)
BRY330C, BRY430C	2.68" (68)	5.24" (133)	8.66" (220)	2.32" (59)	8.14" (207)
BRY530C	2.91" (74)	5.28" (134)	8.70" (221)	2.32" (59)	8.14" (207)
BRY360P, BRY460P, BRY560P	3.74" (95)	6.73" (171)	10.75" (273)	2.83" (72)	10.54" (268)
BRY316C	2.01" (51)	4.17" (106)	6.77" (172)	1.73" (44)	6.71" (170)
RY432C	2.60" (66)	5.28" (134)	8.70" (221)	2.32" (59)	8.14" (207)
Receptacle					
BRY316R, BRY320R	2.01" (51)	2.76" (70)	2.95" (75)	2.09" (53)	0.22" (5)
BRY420R	2.26" (57)	3.07" (78)	2.95" (75)	2.09" (53)	0.22" (5)
BRY520R	2.54" (65)	2.76" (70)	2.95" (75)	2.09" (53)	0.22" (5)
BRY330R, BRY332R, BRY430R, BRY432R	2.60" (66)	4.13" (105)	2.95" (75)	2.48" (63)	0.22" (5)
BRY530R	2.83" (72)	4.29" (109)	2.95" (75)	2.48" (63)	0.22" (5)
ALL 60A	3.74" (95)	5.28" (134)	3.94" (100)	3.07" (78)	0.26" (6)
Inlet					
BRY316B, BRY320B	3.35" (85)	0.25" (6)	4.06" (103)	3.31" (84)	3.23" (82)
BRY420B	3.35" (85)	0.25" (6)	4.29" (109)	3.46" (88)	3.43" (87)
BRY520	3.35" (85)	0.25" (6)	4.53" (115)	3.66" (93)	3.62" (92)
ALL 30A	3.35" (85)	0.25" (6)	4.72" (120)	3.78" (96)	3.70" (94)
ALL 60A	3.94" (100)	0.26" (7)	6.10" (155)	4.65" (118)	4.53" (115)



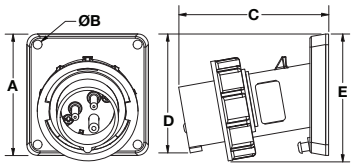
Plug



Connector



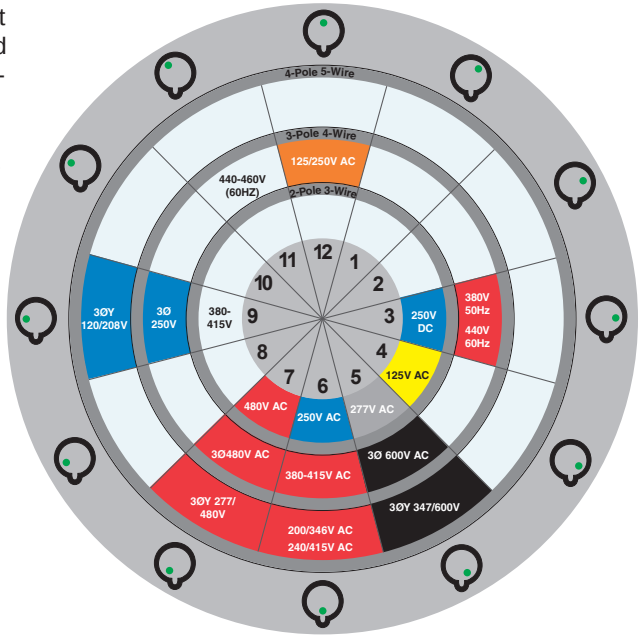
Receptacle



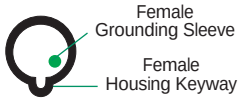
Inlet
Front & Side View

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	

Accessories

- 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

Back Box and Required Adapter Plate

For Use With	Hub Size Inches	Adapter Plates: Required to Mount Receptacles and Inlets to Back Boxes	Back Boxes, Metallic IP54: Direct Mount 15° Angle	For Mounting Receptacles and Inlets: 15° Angle	Feed-Thru	Four-Way
20/30A	¾" 1"	**AP2030**	**DM20301**	**BB201WA*** **BB301WA***	**FT202WA*** **FT302WA****	— —
60A	1¼" 1½"	**AP60**	**DM602**	**BB601WA*** **BB602WA***	— —	— **FW60100A****
100A	1½" 2"	**AP100**	—	**BB1001WA*** **BB1002WA***	— —	**FW60100A**** —

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.

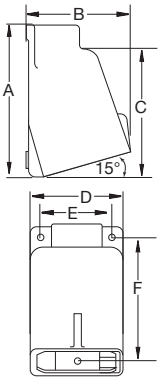
Closure Caps

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	**CC560**
100/125A	3, 4 & 5-Wire	**CC510**

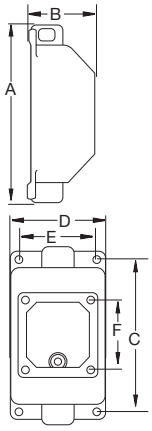
Product Dimensions Inches (mm)

	Back Boxes: 20/30A 15° Angle	20/30A Feed-Thru	60A 15° Angle	60/100A Four-Way	100A 15° Angle	Adapter Plates: 20/30A	60A	100A	Direct Mount Back Boxes 15° Angle: 20/30A	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)

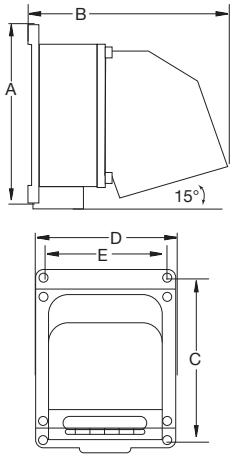
Note: *Capacity cu. in. (cm3).



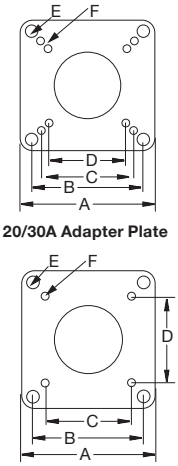
Angle Box



Feed-Through Box

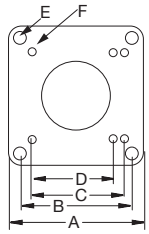


Four-Way Box

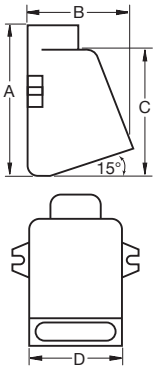


20/30A Adapter Plate

60A Adapter Plate



100A Adapter Plate



Direct Mount Back Box

Specifications are subject to change without notice.

IEC 60309 Pin and Sleeve Devices

IP67 SUITABILITY

Unfused Mechanical Interlocks

- Switch cannot be turned ON until plug is completely engaged, and plug cannot be removed until switch is turned OFF
- 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

Unfused Mechanical Interlocks

Amps	Poles/ Wires	Configuration Recep./ Conn.	Configuration Plug/ Inlet	Voltage	Interlock	Mating Plug*
20	3P/4W			120/240V	**BRY420MI12W**	**BRY420P12W**
	3P/4W			240V AC 3Ø	**BRY420MI9W**	**BRY420P9W**
	3P/4W			480V AC 3Ø	**BRY420MI7W**	**BRY420P7W**
	3P/4W			600V AC 3Ø	**BRY420MI5W**	**BRY420P5W**
30	2P/3W			120V AC	**BRY330MI4W**	**BRY330P4W**
	2P/3W			240V AC	**BRY330MI6W**	**BRY330P6W**
	2P/3W			480V AC	**BRY330MI7W**	**BRY330P7W**
	3P/4W			240V AC 3Ø	**BRY430MI9W**	**BRY430P9W**
	3P/4W			480V AC 3Ø	**BRY430MI7W**	**BRY430P7W**
	3P/4W			600V AC 3Ø	**BRY430MI5W**	**BRY430P5W**
	4P/5W			120/208V AC 3ØY	**BRY530MI9W**	**BRY530P9W**
	4P/5W			277/480V AC 3ØY	**BRY530MI7W**	**BRY530P7W**
	4P/5W			3ØY 347/600V	**BRY530MI5W**	**BRY530P5W**
32	3P/4W			380V AC 3Ø 50Hz 440V AC 3Ø 60Hz	**BRY432MI3W**	**BRY432P3W**
60	2P/3W			120V AC	**BRY360MI4W**	**BRY360P4W**
	2P/3W			240V AC	**BRY360MI6W**	**BRY360P6W**
	2P/3W			480V AC	**BRY360MI7W**	**BRY360P7W**
	3P/4W			120/240V	**BRY460MI12W**	**BRY460P12W**
	3P/4W			240V AC 3Ø	**BRY460MI9W**	**BRY460P9W**
	3P/4W			480V AC 3Ø	**BRY460MI7W**	**BRY460P7W**
	3P/4W			600V AC 3Ø	**BRY460MI5W**	**BRY460P5W**
	4P/5W			120/208V AC 3ØY	**BRY560MI9W**	**BRY560P9W**
	4P/5W			277/480V AC 3ØY	**BRY560MI7W**	**BRY560P7W**
	4P/5W			347/600V AC 3ØY	**BRY560MI5W**	**BRY560P5W**
100	2P/3W			240V AC	**BRY3100MI6W**	**BRY3100P6W**
	3P/4W			120/240V	**BRY4100MI12W**	**BRY4100P12W**
	3P/4W			240V AC 3Ø	**BRY4100MI9W**	**BRY4100P9W**
	3P/4W			480V AC 3Ø	**BRY4100MI7W**	**BRY4100P7W**
	3P/4W			600V AC 3Ø	**BRY4100MI5W**	**BRY4100P5W**
	4P/5W			120/208V AC 3ØY	**BRY5100MI9W**	**BRY5100P9W**

Note: *Mating plug sold separately.

Auxiliary Contacts

Description	Catalog Number
"Break After Main Break", 1 set of n/o contacts, 1 set of n/c contacts.	**BRYAUX1**
"Break Before Main Break", 1 set of n/o contacts.	**BRYAUX2**

Replacement Switches

Description	Catalog Number
For 20A mechanical interlocks.	**BRYMIRS20**
For 30 & 32A mechanical interlocks.	**BRYMIRS30**
For 60 & 100A mechanical interlocks.	**BRYMIRS60100**

Replacement Mounting Feet

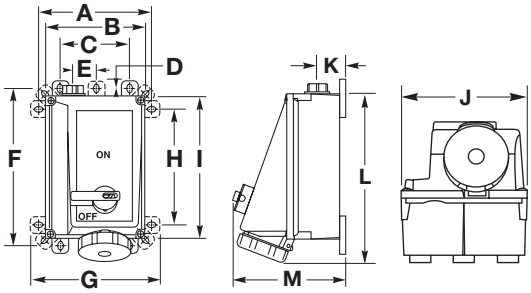
Description	Catalog Number
For 20, 30, 32, 60 & 100A mechanical interlocks.	**BRYRPLCFT****

Note: **Package of 10 feet and 10 screws.

Product Dimensions Inches (mm)

KEY	20A & 30A	60A	100A
A	7.75" (196.9)	7.75" (196.9)	7.75" (196.9)
B	6.87" (174.5)	6.87" (174.5)	6.87" (174.5)
C	4.75" (120.7)	4.75" (120.7)	4.75" (120.7)
D	1.02" (25.9)	1.02" (25.9)	1.02" (25.9)
E	1.60" (40.6)	1.46" (37.1)	1.46" (37.1)
F	11.00" (279.4)	12.75" (323.9)	12.75" (323.9)
G	8.75" (222.3)	8.75" (222.3)	8.75" (222.3)
H	8.00" (203.2)	9.75" (247.7)	9.75" (247.7)
I	10.12" (257.0)	11.87" (301.5)	11.87" (301.5)
J	6.88" (174.8)	6.88" (174.8)	6.88" (174.8)
K	1.93" (49.0)	2.09" (53.1)	2.09" (53.1)
L	11.25" (285.8)*	13.65" (346.7)	13.65" (346.7)
M	7.75" (196.9)	8.60" (218.4)	9.30" (236.2)
HUB SIZE	1.00" NPT	1.25" NPT	1.25" NPT

Note: *30 and 32A, 3 and 4W = 11.50" (292.1); 30A, 5W = 11.59" (294.4).



IEC 60309 Pin and Sleeve Devices

IP67 Suitability

Technical Specifications - Watertight

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

Specifications are subject to change without notice.

IEC 60309 Pin and Sleeve Devices

Technical Specifications - Splashproof

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, Silicone
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

Typical Specifications

Manufacturer's Identification	Hubbell BRY430MI7W
Description	Circuit-Lock® Pin and Sleeve Mechanical Interlock
Electrical Type	3 Pole + Earth
Rating	30A, 480V AC, 3 Phase
Configuration	IEC 60309-2, UL1686 C2, Clock position 7
Enclosure Type	Indoor and Outdoor - 4X (Watertight, Washdown); Indoor - 12 (Dust-tight, Falling Dirt and Noncorrosive Liquids)
Ingress Protection	IP67 Suitability
Enclosure Material	Non-metallic, enclosure suitable for metallic conduit
Certification	UL Listed, CSA Certified

Note: This device provides ON/OFF switched control of a plug connected load and includes an interlocking feature to prevent the plug from being disconnected while the receptacle is energized. The switch cannot be turned "ON" until the plug is inserted properly, and the plug cannot be removed until the switch is turned "OFF."

Materials

Part	Material	Part	Material
Base	PBT	Top	PBT
Handle	PBT	Conduit Hub	Zinc
Enclosure Gasket	Neoprene	Shaft	PBT
Shaft Seal	Neoprene	Ground Plate	Galvanized Steel
Enclosure Screws	Stainless Steel 300 Series	Enclosure Inserts	Brass
Hinge Pins	Nickel Plated Brass	Hinge Spring	Stainless Steel 300 Series

Performance

Electrical	
Dielectric Voltage	Withstands 3,000V AC Min.
Max. Working Voltage	600V AC 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 than 10,000 RMS symmetrical amperes at the voltage rating of the receptacle. 20A and 30A models: Suitable for use on a circuit capable of delivering not more than 65,000 RMS symmetrical amperes, 600V when protected by class "J" fuses rated 30A.
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 and molded into the receptacle mount.
Mounting	External adjustable feet.

Environmental	
Moisture Resistance	Indoor and Outdoor - 4X (Watertight, Washdown); Indoor - 12 (Dust-tight, Falling Dirt and Noncorrosive Liquids).
Ingress Protection	IP67 Suitability.
Flammability	UL94-5VA and V-0 Classification.
Operating Temperature	Max. Continuous +75°C; Min. Continuous -40°C.
UV Resistance	All materials are UV stabilized.

Horsepower Ratings

Amps	AC Voltage Rating	Horsepower	Mechanical Interlock	Mating Plug
20	120/240V AC	2	**BRY420MI12W**	**BRY420P12W**
20	3Ø 240V AC	5	**BRY420MI9W**	**BRY420P9W**
20	3Ø 480V AC	10	**BRY420MI7W**	**BRY420P7W**
20	3Ø 600V AC	10	**BRY420MI5W**	**BRY420P5W**
30	120V AC	2	**BRY330MI4W**	**BRY330P4W**
30	240V AC	3 (208-240V AC)	**BRY330MI6W**	**BRY330P6W**
30	480V AC	7.5	**BRY330MI7W**	**BRY330P7W**
30	120/240V AC	3 (208-240V AC)	**BRY430MI12W**	**BRY430P12W**
30	3Ø 600V AC	20	**BRY430MI5W**	**BRY430P5W**
30	3Ø 480V AC	15	**BRY430MI7W**	**BRY430P7W**
30	3Ø 250V AC	7.5	**BRY430MI9W**	**BRY430P9W**
30	3ØY 347/600V AC	20	**BRY530MI5W**	**BRY530P5W**
30	3ØY 277/480V AC	15	**BRY530MI7W**	**BRY530P7W**
30	3ØY 120/208V AC	5	**BRY530MI9W**	**BRY530P9W**
32	380V AC 50Hz – 440V AC 60Hz	15 (440V AC 3Ø 60Hz)	**BRY432MI3W**	**BRY432P3W**
60	120V AC	3	**BRY360MI4W**	**BRY360P4W**
60	240V AC	7.5 (208-240V AC)	**BRY360MI6W**	**BRY360P6W**
60	480V AC	20	**BRY360MI7W**	**BRY360P7W**
60	120/240V AC	7.5 (208-240V AC)	**BRY460MI12W**	**BRY460P12W**
60	3Ø 600V AC	40	**BRY460MI5W**	**BRY460P5W**
60	3Ø 480V AC	30	**BRY460MI7W**	**BRY460P7W**
60	3Ø 250V AC	15	**BRY460MI9W**	**BRY460P9W**
60	3ØY 347/600V AC	40	**BRY560MI5W**	**BRY560P5W**
60	3ØY 277/480V AC	30	**BRY560MI7W**	**BRY560P7W**
60	3ØY 120/208V AC	15	**BRY560MI9W**	**BRY560P9W**
100	240V AC	15 (10 @ 208V AC)	**BRY3100MI6W**	**BRY3100P6W**
100	120/240V AC	15	**BRY4100MI12W**	**BRY4100P12W**
100	3Ø 600V AC	50	**BRY4100MI5W**	**BRY4100P5W**
100	3Ø 480V AC	50	**BRY4100MI7W**	**BRY4100P7W**
100	3Ø 250V AC	25 (208-240V AC)	**BRY4100MI9W**	**BRY4100P9W**
100	3ØY 120/208V AC	20	**BRY5100MI9W**	**BRY5100P9W**

Section L

Cam-Type Devices, Power Distribution Boxes and Temporary Power

Table of Contents Page

Cam-Type Devices

Series 15 - 150 Amp, 600V AC/250V DC
- Inlines and Panel Mount Receptacles L-3
- Tees, Gender Reversing Devices and Accessories L-4
- Specifications L-14

Series 16 - 300 and 400 Amp, 600V AC/250V DC
- Inlines and Panel Mount Receptacles L-5
- Additional Receptacles L-6
- Offsets, Tees, 3-Fers and Gender Reversing Devices L-7
- Replacement Parts and Accessories L-8
- Specifications L-14

Power Distribution Boxes

Temporary Power Boxes, Cable Sets and Replacement Parts L-10
Weather Protective Lift Covers, Portable Outlet Boxes and Plates L-11
Specifications L-14

Temporary Lighting

Construction Site Lighting. L-12
Maintenance and Worklights. L-13
Explosion Proof/Confined Space Lighting L-13

Cord Reels

Cord Reels with Hand Lamps L-14

Technical Information

Cam-Type Devices Specifications L-14
Power Distribution Box and Cable Specifications L-14

Series 15 & 16 - 150, 300 & 400 Amp, 600 Volts

Bryant offers a full line of innovative, high quality, Series 15 and Series 16 cam-type inlines, receptacles and accessories for the most demanding environments.

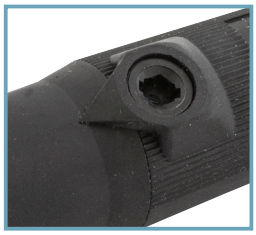
Cam-Type devices are the right choice for supplying temporary electrical power distribution for entertainment, theme parks, carnival equipment, concerts, movie making and numerous other applications requiring temporary power.

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.

UL Enclosure Types 3R, 4X and 12 Rating suitable for use in almost any environment.

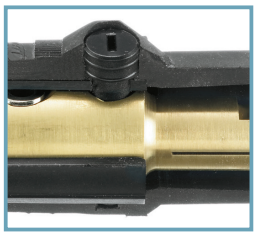
Housing Design
- Insulgrip® style housing for superior gripping, conforms to the user's hand making it easy to connect and disconnect, even with gloves on
- Easily identifiable cable, cut off points for secure fit allows you to easily customize and cut the housing to the required/ correct cable size
- Accommodates wide range of cables

Safety
- Rounded corners reduce the possibility of catching or snagging on structures or equipment
- Non-conductive retaining screw locks contacts in place and allows for easy installation; prevents contact movement within housing
- Recessed mounting screw minimizes screwdriver slippage

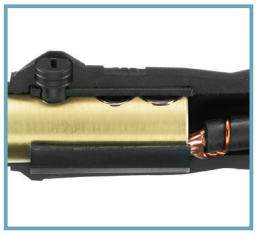


Identification
- Lock symbol aids in the mating of devices and provides a clear indication that the devices are properly connected
- With lock indicator symbol making mating clear and simple; devices can lock 180° to prevent unintended disconnects

Contacts
- Provides high contact pressure and vibration resistant connection, which helps reduce operating temperatures and extends product life
- High conductivity brass contact provides improved performance by helping to reduce operating temperatures and extends life



Assembly
- Special screw thread requires fewer turns than most competitors and reduces the risk of a conductive screw being substituted
- Extra long non-conductive inner sleeve reduces force required to install housing over contacts; easier to rotate contact in body for installing retaining screw



Installation
- Engineered body design makes installation simple with no need for additional tools and the non-metallic retaining screw helps to make operation safe for all involved
- Strip gauge molded into every inline and receptacle housing; simplifies installation and saves time

Specifications are subject to change without notice.

Enclosure Types
3R, 4X, 12

150 Amp Inlines

Description	Color	Male Inline	Female Inline
Thermoplastic elastomer, cable size #8 - #2 AWG	Black	**HBL15MBK**	**HBL15FBK**
	White	**HBL15MW**	**HBL15FW**
	Green	**HBL15MGN**	**HBL15FGN**
	Red	**HBL15MR**	**HBL15FR**
	Blue	**HBL15MBL**	**HBL15FBL**
	Brown	**HBL15MBN**	**HBL15FBN**
	Orange	**HBL15MO**	**HBL15FO**
	Yellow	**HBL15MY**	**HBL15FY**
	Gray	**HBL15MGY**	**HBL15FGY**

150A Panel Mount Receptacles

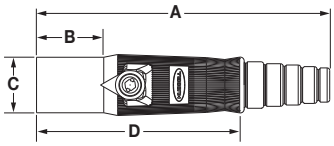
Description	Color	Stud Type 11/16" x 3/4"		Double Set Screw Cable Size #4 - 4/0	
		Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
Panel mount, thermoplastic, mates with 150 amp Inlines, cable size #8 - #2 AWG	Black	**HBL15MRSBK**	**HBL15FRSBK**	**HBL15MRBK**	**HBL15FRBK**
	White	**HBL15MRSW**	**HBL15FRSW**	**HBL15MRW**	**HBL15FRW**
	Green	**HBL15MRSGN**	**HBL15FRSGN**	**HBL15MRGN**	**HBL15FRGN**
	Red	**HBL15MRSR**	**HBL15FRSR**	**HBL15MRR**	**HBL15FRR**
	Blue	**HBL15MRSBL**	**HBL15FRSBL**	**HBL15MRBL**	**HBL15FRBL**
	Brown	**HBL15MRSBN**	**HBL15FRSBN**	**HBL15MRBN**	**HBL15FRBN**
	Orange	**HBL15MRSO**	**HBL15FRSO**	**HBL15MRO**	**HBL15FRO**
	Yellow	**HBL15MRSY**	**HBL15FRSY**	**HBL15MRY**	**HBL15FRY**
	Gray*	**—**	**—**	**HBL15MRGY**	**HBL15FRGY**

*Note: *Gray is available upon request. Contact factory.*

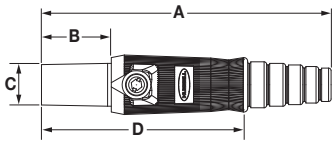
Product Dimensions Inches (mm)

	Male Inline	Female Inline
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)

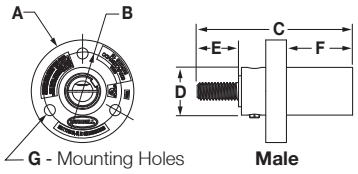
	Receptacle			
	Stud Type		Double Set Screw	
	Male	Female	Male	Female
A	1.86" (47.2)	1.86" (47.2)	1.86" (47.2)	1.86" (47.2)
B	1.37" (34.8)	1.37" (34.8)	1.37" (34.8)	1.37" (34.8)
C	2.82" (71.6)	2.88" (73.1)	2.90" (73.6)	2.95" (74.9)
D	0.86" (22.0)	0.86" (22.0)	0.86" (22.0)	0.86" (22.0)
E	0.75" (19.0)	0.75" (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	



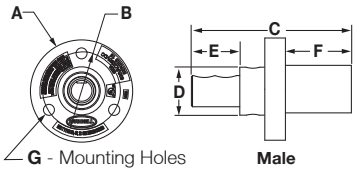
Male Inline



Female Inline



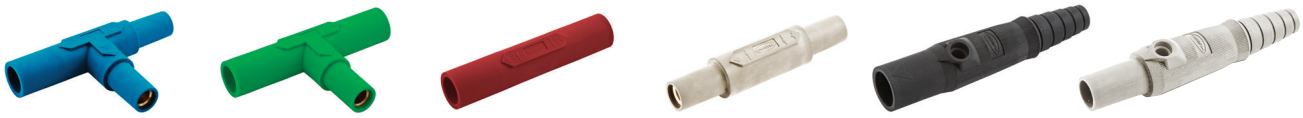
Threaded Stud (Male Shown)



Double Set Screw (Male Shown)

Enclosure Types
3R, 4X, 12

Tees, Gender Reversing Devices and Replacement Bodies



	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: *UL 1691 restricts the use of male-to-male or female-to-female devices to Grounding (Green) or Neutral (White) conductors. Consult factory for availability of other non UL listed colors.*
***Additional colors are available upon request. Contact factory.*

Protective Caps and Weather Protective Covers

	Protective Caps	
Color	Fits Male Devices	Fits Female Devices
Black	**HBL15MCAPBK**	**HBL15FCAPBK**
White	**HBL15MCAPW**	**HBL15FCAPW**
Green	**HBL15MCAPGN**	**HBL15FCAPGN**
Red	**HBL15MCAPR**	**HBL15FCAPR**
Blue	**HBL15MCAPBL**	**HBL15FCAPBL**
**	—	—

*Note:**Additional colors are available upon request. Contact factory.*

Color	Weather Protective Covers
Clear	**HBL15NCC**
Black	**HBL15NCBK**
White	**HBL15NCW**
Green	**HBL15NCGN**
Red	**HBL15NCR**
Blue	**HBL15NCBL**
Brown	**HBL15NCBN**
Orange	**HBL15NCO**
Yellow	**HBL15NCY**

Replacement Contacts (25 Pack)

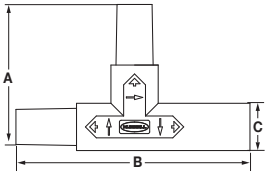
Description	Male Pin	Female Sleeve
Contact, 150 amp	**HBL15RCM**	**HBL15RCF**

Accessories

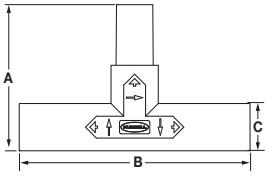
Accessory Kit	Retaining Screw (100 Pack)	Copper Foil (100 Pack)	Brass Wire (100 Pack)	Terminal Screws (100 Pack)		Ferrules (100 Pack)	
				Inline	Panel Mount	#2 AWG	#4 AWG
HBL15PK	**HBL15RS**	**HBL15CF**	**HBL15BW**	**HBL15TS25**	**HBL15TS375**	**HBL15F2**	**HBL15F4**

Product Dimensions Inches (mm)

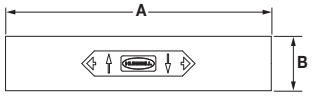
	Tees		Gender Reversing Devices		
	Tapping	Paralleling	Double Male	Double Female	Weatherproof Covers
A	2.67" (67.9)	2.67" (67.9)	4.22" (107.3)	4.22" (107.3)	2.03" (51.5)
B	4.28" (45.9)	4.22" (107.2)	0.86" (21.8)	1.05" (26.7)	1.14" (29.0)
C	0.865" (21.9)	0.865" (21.9)	—	0.68" (17.3)	1.49" (37.9)



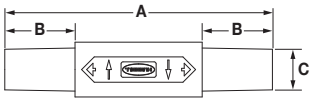
Tapping Tee



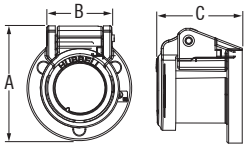
Paralleling Tee



Double Male



Double Female



Weatherproof Cover

Specifications are subject to change without notice.

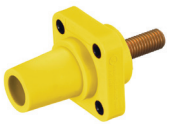
Enclosure Types
3R, 4X, 12

300A and 400A 600V AC/250V DC Inlines

Description	Color	300 Amp, Cable Size #6 - 2/0 AWG		400 Amp, Cable Size 2/0 - 4/0 AWG	
		Male Inline	Female Inline	Male Inline	Female Inline
Thermoplastic elastomer Inline	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**
	Gray*	**—**	**—**	**HBL400MGY**	**HBL400FGY**

400A Panel Mount Receptacles

Description	Color	Double Set Screw, Through Hole Mounting, Cable Size #4 - 4/0 AWG		Double Set Screw, Angled, Through Hole Mounting, Cable Size #4 - 4/0 AWG	
		Male Plug	Female Plug	Male Plug	Female Plug
Thermoplastic elastomer plugs, mates with 300 and 400 amp Inline	Black	**HBLMRBK**	**HBLFRBK**	**HBLMRABK**	**HBLFRABK**
	White	**HBLMRW**	**HBLFRW**	**HBLMRAW**	**HBLFRAW**
	Green	**HBLMRGN**	**HBLFRGN**	**HBLMRAGN**	**HBLFRAGN**
	Red	**HBLMRR**	**HBLFRR**	**HBLMRAR**	**HBLFRAR**
	Blue	**HBLMRBL**	**HBLFRBL**	**HBLMRABL**	**HBLFRABL**
	Brown	**HBLMRBN**	**HBLFRBN**	**HBLMRABN**	**HBLFRABN**
	Orange	**HBLMRO**	**HBLFRO**	**HBLMRAO**	**HBLFRAO**
	Yellow	**HBLMRY**	**HBLFRY**	**HBLMRAY**	**HBLFRAY**
	Gray*	**HBLMRGY**	**HBLFRGY**	**—**	**—**

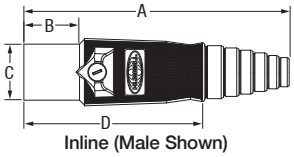


Description	Color	Stud Type Receptacles, Through Hole Mounting		Stud Type Receptacles, Threaded Mounting Holes	
		Male	Female	Male	Female
Thermoplastic elastomer plugs, mates with 300 and 400 amp plugs.	Black	**HBLMRSBK**	**HBLFRSBK**	**HBLMRSCBK**	**HBLFRSCBK**
	White	**HBLMRSW**	**HBLFRSW**	**HBLMRSCW**	**HBLFRSCW**
	Green	**HBLMRSGN**	**HBLFRSGN**	**HBLMRSCGN**	**HBLFRSCGN**
	Red	**HBLMRSR**	**HBLFRSR**	**HBLMRSCR**	**HBLFRSCR**
	Blue	**HBLMRSBL**	**HBLFRSBL**	**HBLMRSCBL**	**HBLFRSCBL**
	Brown	**HBLMRSBN**	**HBLFRSBN**	**HBLMRSCBN**	**HBLFRSCBN**
	Orange	**HBLMRSO**	**HBLFRSO**	**HBLMRSCO**	**HBLFRSCO**
	Yellow	**HBLMRSY**	**HBLFRSY**	**HBLMRSCY**	**HBLFRSCY**

*Note: *Gray is available upon request. Contact factory.*

Product Dimensions Inches (mm)

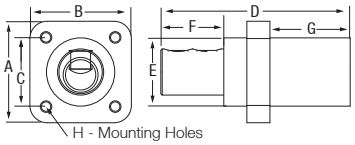
	Male Plug	Female Plug
A	6.74" (171.2)	6.84" (173.6)
B	1.47" (37.3)	1.44" (36.6)
C	1.48" (37.6)	1.06" (27.0)
D	4.78" (121.4)	4.80" (122.0)

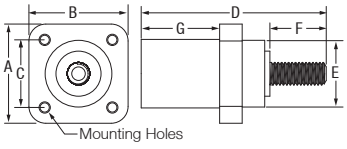


Inline (Male Shown)

	Double Set Screw Receptacle	Stud Type Receptacle	
	Threaded Holes	Through Hole	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)	4.10" (104.3)	3.67" (93.2)
E	1.48" (47.4)	1.48" (37.6)	1.48" (37.6)
F	1.36" (34.5)	1.25" (31.7)	1.11" (28.2)
G	1.74" (44.2)	1.74" (44.2)	1.55" (39.4)
H	4x #10-32	4x Ø .20"	4x #10-32
	(2) 7/32 Socket Head Set Screws	Stud Termination 1/2-13 UNC-2A	

Double Set Screw (Male Shown)

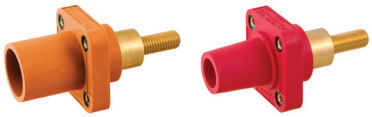




Threaded Stud (Male Shown)

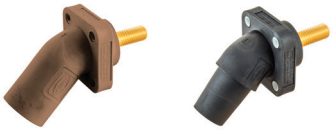
Enclosure Types
3R, 4X, 12

400A Extended Stud Type Receptacles



Description	Color	Extended Stud Type Receptacles	
		Male	Female
Thermoplastic elastomer plugs, threaded hole mounting, mates with 300 and 400 amp plugs.	Black	**HBLMRSCEBK**	**HBLFRSCEBK**
	White	**HBLMRSCEW**	**HBLFRSCEW**
	Green	**HBLMRSCEGN**	**HBLFRSCEGN**
	Red	**HBLMRSCER**	**HBLFRSCER**
	Blue	**HBLMRSCEBL**	**HBLFRSCEBL**
	Brown	**HBLMRSCEBN**	**HBLFRSCEBN**
	Orange	**HBLMRSCEO**	**HBLFRSCEO**
	Yellow	**HBLMRSCEY**	**HBLFRSCEY**

400A Angled Panel Mount Receptacles

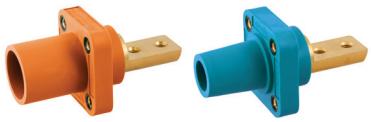


Description	Color	Angled Stud Type Receptacles	
		Male	Female
Thermoplastic elastomer plugs, through hole mounting, mates with 300 and 400 amp plugs.	Black	**HBLMRASBK**	**HBLFRASBK**
	White	**HBLMRASW**	**HBLFRASW**
	Green	**HBLMRASGN**	**HBLFRASGN**
	Red	**HBLMRASR**	**HBLFRASR**
	Blue	**HBLMRASBL**	**HBLFRASBL**
	Brown	**HBLMRASBN**	**HBLFRASBN**
	Orange	**HBLMRASO**	**HBLFRASO**
	Yellow	**HBLMRASY**	**HBLFRASY**

400A Bus Bar Receptacles

Description	Color	Bus Bar Receptacles	
		Male	Female
Thermoplastic elastomer plugs, through hole mounting, mates with 300 and 400 amp plugs.	Black	**HBLMRBBK**	**HBLFRBBK**
	White	**HBLMRBW**	**HBLFRBW**
	Green	**HBLMRBGN**	**HBLFRBGN**
	Red	**HBLMRBR**	**HBLFRBR**
	Blue	**HBLMRBBL**	**HBLFRBBL**
	Brown	**HBLMRBBN**	**HBLFRBBN**
	Orange	**HBLMRBO**	**HBLFRBO**
	Yellow	**HBLMRBY**	**HBLFRBY**

Bus Bar, 2 Holes



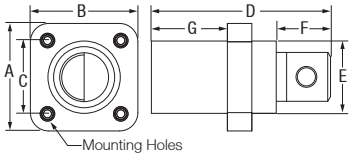
2 Holes Bus Bar Receptacles	
Male	Female
HBLMRB2BK	**HBLFRB2BK**
HBLMRB2W	**HBLFRB2W**
HBLMRB2GN	**HBLFRB2GN**
HBLMRB2R	**HBLFRB2R**
HBLMRB2BL	**HBLFRB2BL**
HBLMRB2BN	**HBLFRB2BN**
HBLMRB2O	**HBLFRB2O**
HBLMRB2Y	**HBLFRB2Y**

Angled Bus Bar

Angled Bus Bar Receptacles	
Male	Female
HBLMRABBK	**HBLFRABBK**
HBLMRABW	**HBLFRABW**
HBLMRABGN	**HBLFRABGN**
HBLMRABR	**HBLFRABR**
HBLMRABBL	**HBLFRABBL**
HBLMRABBN	**HBLFRABBN**
HBLMRABO	**HBLFRABO**
HBLMRABY	**HBLFRABY**

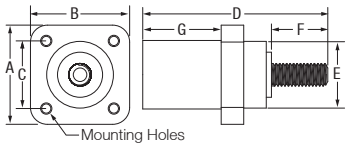
Product Dimensions Inches (mm)

	Bus Bar Type Receptacle
	Threaded Hole
A	2.20" (55.9)
B	2.20" (55.9)
C	1.50" (38.1)
D	3.57" (90.7)
E	1.48" (37.6)
F	1.01" (25.7)
G	1.55" (39.4)
H	4x #10-32
	(1) 5/16-18 UNC-2B Threaded Hole Termination



Busbar Type (Male Shown)

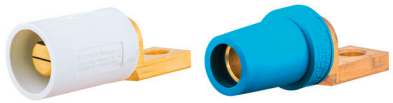
	Stud Type Receptacle	
	Through Hole	Threaded Holes
A	2.20" (55.9)	2.20" (55.9)
B	2.20" (55.9)	2.20" (55.9)
C	1.50" (38.1)	1.50" (38.1)
D	4.10" (104.3)	3.67" (93.2)
E	1.48" (37.6)	1.48" (37.6)
F	1.25" (31.7)	1.11" (28.2)
G	1.74" (44.2)	1.55" (39.4)
H	4x Ø .20"	4x #10-32
	Stud Termination 1/2-13 UNC-2A	



Threaded Stud (Male Shown)

Enclosure Types
3R, 4X, 12

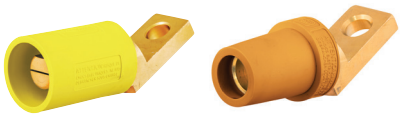
400A Terminals, Offset Straight Style



Description	Color	Extended Stud Type Receptacles Male	Female
Terminal, thermoplastic elastomer, mates with 300 and 400 amp Inlines.	Black	**HBLMOSBK**	**HBLFOSBK**
	White	**HBLMOSW**	**HBLFOSW**
	Green	**HBLMOSGN**	**HBLFOSGN**
	Red	**HBLMOSR**	**HBLFOSR**
	Blue	**HBLMOSBL**	**HBLFOSBL**
	Brown	**HBLMOSBN**	**HBLFOSBN**
	Orange	**HBLMOSO**	**HBLFOSO**
	Yellow	**HBLMOSY**	**HBLFOSY**

Note: All Offset Terminals are UL Type 1 only.

400A Angled Terminals, Offset Straight Style



Description	Color	Angled Stud Type Receptacles Male	Female
Terminal, thermoplastic elastomer, mates with 300 and 400 amp Inlines.	Black	**HBLMOABK**	**HBLFOABK**
	White	**HBLMOAW**	**HBLFOAW**
	Green	**HBLMOAGN**	**HBLFOAGN**
	Red	**HBLMOAR**	**HBLFOAR**
	Blue	**HBLMOABL**	**HBLFOABL**
	Brown	**HBLMOABN**	**HBLFOABN**
	Orange	**HBLMOAO**	**HBLFOAO**
	Yellow	**HBLMOAY**	**HBLFOAY**

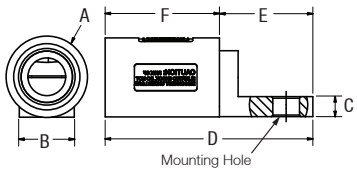
Tees, 3-Fers and Gender Reversing Devices

Color	Tapping Tee (Female-Female-Male)	Paralleling Tee (Female-Male-Male)	3-Fers (Male-Female-Female-Female)	3-Fers (Female-Male-Male-Male)	Soft 3-Fer (Male-Female-Female-Female)	Distribution Block (1 Male, 6 Females)
Black	**HBLTBK**	**HBLPTBK**	**HBLM3FBK**	**HBLF3MBK**	**HBLM3FSBK** (Black only)	**HBL7DBBK**
White	**HBLTW**	**HBLPTW**	**HBLM3FW**	**HBLF3MW**		**HBL7DBW**
Green	**HBLTGN**	**HBLPTGN**	**HBLM3FGN**	**HBLF3MGN**		**HBL7DBGN**
Red	**HBLTR**	**HBLPTR**	**HBLM3FR**	**HBLF3MR**		**HBL7DBR**
Blue	**HBLTBL**	**HBLPTBL**	**HBLM3FBL**	**HBLF3MBL**	Soft 3-Fer (FemaleMale-Male-Male) **HBLF3FSGN** (Green only)	**HBL7DBBL**
Brown	**HBLTBN**	**HBLPTBN**	**HBLM3FBN**	**HBLF3MBN**		**HBL7DBBN**
Orange	**HBLTO**	**HBLPTO**	**HBLM3FO**	**HBLF3MO**		**HBL7DBO**
Yellow	**HBLTY**	**HBLPTY**	**HBLM3FY**	**HBLF3MY**		**HBL7DBY**

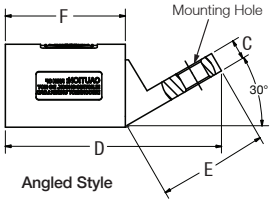
Product Dimensions Inches (mm)

	Offset Terminals: Through Hole, Straight Male	Through Hole, Straight Female	Through Hole, Angled Male	Through Hole, Angled Female
A	Ø 1.48" [37.6]	Ø 1.48" [37.6]	Ø 1.48" [37.6]	Ø 1.48" [37.6]
B	1.00" (25.4)	1.00" (25.4)	1.00" (25.4)	1.00" (25.4)
C	.38" (9.5)	.38" (9.5)	.38" (9.5)	.38" (9.5)
D	3.89" (98.8)	3.68" (93.3)	3.98" (101.1)	3.76" (95.6)
E	1.75" (44.5)	1.75" (44.5)	2.06" (52.2)	2.06" (52.2)
F	2.14" (54.4)	1.93" (48.9)	2.14" (54.4)	1.93" (48.9)
	Through .50" (12.7)	Through .50" (12.7)	Through .50" (12.7)	Through .50" (12.7)

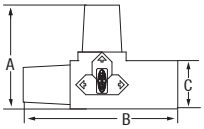
	Tees: Tapping	Tees: Paralleling	3-Fers
A	3.18" (80.8)	3.18" (80.8)	5.88" (149.3)
B	4.74" (120.4)	4.65" (118.1)	5.78" (146.9)
C	1.48" (37.6)	1.48" (37.6)	1.48" (37.6)



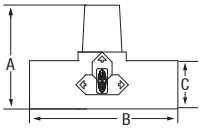
Offset Terminals (Male Shown) Straight Style



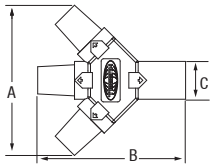
Angled Style



Tapping Tee



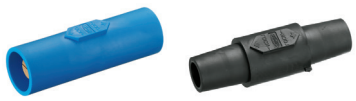
Paralleling Tee



3-FER

Enclosure Types
3R, 4X, 12

Replacement Bodies



Color	Gender Reversing Devices: Double Male (Male-Male)	Gender Reversing Devices: Double Female (Female-Female)
Clear	—	—
Black	**HBLDMBK**	**HBLDFBK**
White	**HBLDMW**	**HBLDFW**
Green	**HBLDMGN**	**HBLDFGN**
Red	**HBLDMR**	**HBLDFR**
Blue	**HBLDMBL**	**HBLDFBL**
Brown	**HBLDMBN**	**HBLDFBN**
Orange	**HBLDMO**	**HBLDFO**
Yellow	**HBLDMY**	**HBLDFY**

Protective Caps

Protective Caps: Fits Male Devices	Protective Caps: Fits Female Devices
—	—
HBLMCAPBK	**HBLFCAPBK**
HBLMCAPW	**HBLFCAPW**
HBLMCAPGN	**HBLFCAPGN**
HBLMCAPR	**HBLFCAPR**
HBLMCAPBL	**HBLFCAPBL**
HBLMCAPBN	**HBLFCAPBN**
HBLMCAPO	**HBLFCAPO**
HBLMCAPY	**HBLFCAPY**

Weather Protective Covers

Weather Protective Covers: Catalog Number	Weather Protective Covers: All One Color Caps and Bodies
—	**HBLNCC**
HBLNCBK	**HBLNCABK**
HBLNCW	**HBLNCAW**
HBLNCGN	**HBLNCAGN**
HBLNCR	**HBLNCAR**
HBLNCBL	**HBLNCABL**
HBLNCBN	**HBLNCABN**
HBLNCO	**HBLNCAO**
HBLNCY	**HBLNCAY**

Replacement Bodies (100 Pack)

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**

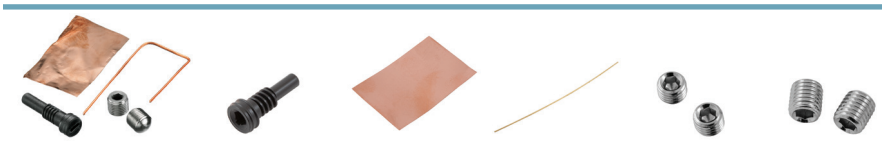
Snap Back Covers (3R only)

Through Hole Mounting	Threaded Mounting Hole
HBLSCBK	**HBLSCCBK**
HBLSCW	**HBLSCCW**
HBLSCGN	**HBLSCCGN**
HBLSCR	**HBLSCCR**
HBLSCBL	**HBLSCCBL**
HBLSCBN	**HBLSCCBN**
HBLSCO	**HBLSCCO**
HBLSCY	**HBLSCCY**

Replacement Contacts

Contact Size	Male Pin	Female Body
300 Amp	**HBL300RCM**	**HBL300RCF**
400 Amp	**HBL400RCM**	**HBL400RCF**

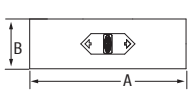
Accessories



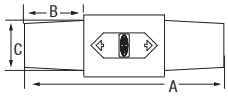
Accessory Kit	Retaining Screw (500 Pack)	Copper Foil (500 Pack)	Brass Wire (500 Pack)	Terminal Screws (500 Pack): Inline	Terminal Screws (500 Pack): Panel Mount
HBLPK	**HBLRS**	**HBLCF**	**HBLBW**	**HBLTS**	**HBLTSR**

Product Dimensions Inches (mm)

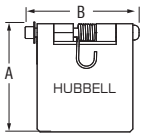
	Gender Reversing Devices: Double Male	Gender Reversing Devices: Double Female	Covers: Snap Back	Covers: Weatherproof
A	4.65" (118.1)	4.84" (122.9)	2.26" (57.4)	2.20" (55.88)
B	1.48" (37.6)	1.44" (36.6)	2.37" (60.2)	1.16" (29.44)
C	—	1.06" (27.0)	—	2.03" (51.5)



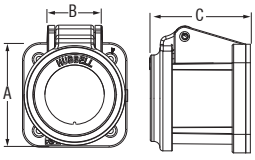
Double Male



Double Female



Snap Back Cover



Weatherproof Cover

Specifications are subject to change without notice.

Power Distribution Boxes

Features and Benefits

Portable Power When You Need It Most!

- 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
- 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

Housing Design

- Features 50A locking input and output
- UL Type 3R for outdoor rainproof applications

Safety

- Overcurrent protection for each circuit
- Individual GFCI module for each receptacle

Devices

- Weatherproof receptacle lift covers
- Available with six 20A straight blade or locking receptacles

Assembly

- Nested leg design allows boxes to be easily stacked

Construction Sites

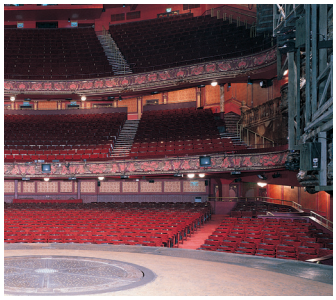
- Renovations
- New Construction
- Demolition

Universities/Schools

- Graduation Ceremonies
- Concerts/Lectures
- Sporting Events

Stage/Theater

- Movie/Broadcasting
- Concerts
- Plays/Musicals



Outdoor Entertainment

- Carnivals
- Festivals
- Professional Sports

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

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.	**TPC50B***	**TPC100B***

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

Replacement Parts

CS6365L

CS6375L

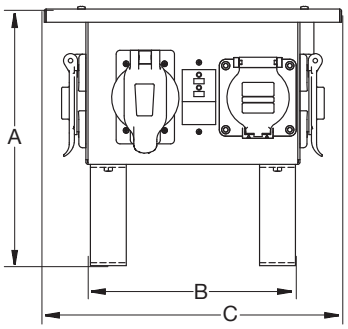
7774CR

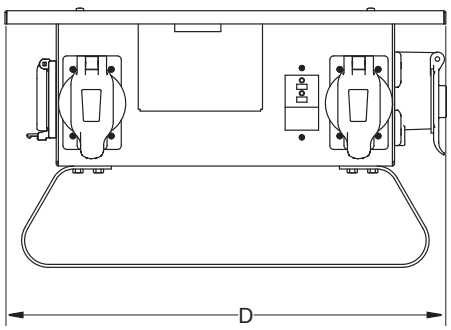
7780

Description	20A 125V	30A 250V	50A 125/250V
Straight blade receptacle	**5361BLK**	—	—
Locking receptacle	**70520FR**	**70630FR**	**CS6369L**
Plug	—	—	**CS6365L**
Connector	—	—	**CS6364L**
Inlet	—	—	**CS6375L**
Weather protective plate for receptacle	—	—	**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

- Lift cover plates are UL Type 3R seal on a panel or on a portable outlet box
- Impact resistant PBT material
- 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 (Type 1) and Lift Covers (Type 3R)

UL Type 1, 3R

IP65, 66
SUITABILITY

BRY3051

BRY3056

BRY3052

BRY3057

BRY3055

BRY3058

BRY3060

BRY3061

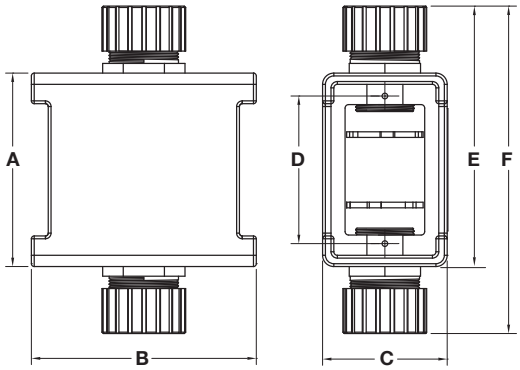
BRY3054

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**

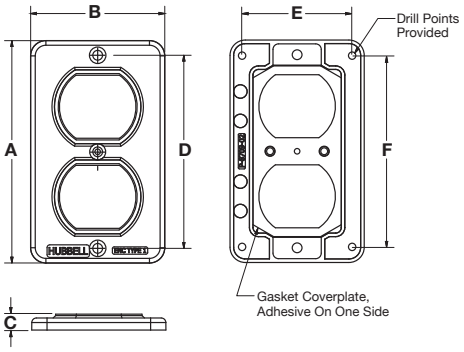
Product Dimensions Inches (mm)

	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.



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.

BRYMHHB400

Metal Halide and LED Lights

Description	Rating	Watts	Lumen Output	Cord Length	Catalog Number
High bay metal halide light with wire guard.	15A 125V	400	29,000	3 ft.	**BRYMHHB400**
High bay LED light with wire guard.	15A 125V	120	14,000	5 ft.	**BRYLEDHB120**
	15A 125V	100	12,000	5 ft.	**BRYLEDHB100**
	15A 125V	60	7,200	5 ft.	**BRYLEDHB60**

BRYLEDHB120

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**
Magnetic clip bracket for LED light string.						**BRYSTMC**

*Note: *Lumens per fixture.*

BRY182S50LEDH

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 STJW	10	100 ft.	**BRY123SJ100PT**
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. The total wattage must be considered when daisy chaining lights strings to each other.*

BRY142SJ100PS

BRYSTMC

BRYSTPG

BRYSTMG

Specifications are subject to change without notice.

Maintenance and Worklights

Choose Bryant's industrial work lights for maximum user safety. The fluorescent lights are designed with all electrical components located inside a closed chamber for your protection. Lamps stay cool while spreading light over large areas. Work light models can be paired with an adjustable hanging kit or magnetic mounts for positioning flexibility.

Portable work lights can be transported and re-mounted.

Long cords allow free movement in work space.

LED Maintenance Worklights

Description	Outlet Rating	Rating	Wattage	Lumen Output	Cord Type	Cord Length	Catalog Number
LED Industrial maintenance light, 1 vertical hanging hook included.	N/A	15A 125V	20	2400	#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.	12 Amp	15A 125V	9	920/120	#16/3 SJTOW	25 ft.	**BRYWL25LEDT**

BRYML2825L

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**

BRYWL25LED

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**
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**

BRYTW25F1

BRYMLMM

BRYWLMM

BRYREP182S50

Cam-Type Devices and 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.

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).*

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.

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

	Box Specification	Cable Specification
Listings	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 M

Electric Cord and Cable Reels

Table of Contents Page

Weatherproof and Static Discharge Reels M-2
Accessories M-2
Product Dimensions M-2

Industrial Cord Reels M-3
Pivot Base M-3
Product Dimensions M-3

Commercial Cord Reels M-3
Product Dimensions M-3

Cord Reels with Hand Lamps M-4
Product Dimensions M-4

Technical Information
Specifications M-4

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

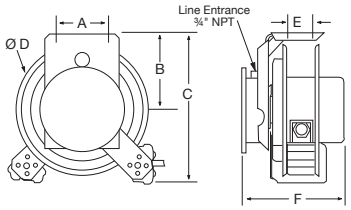
Accessories

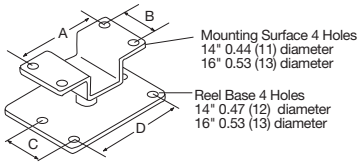
BRY14PB

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

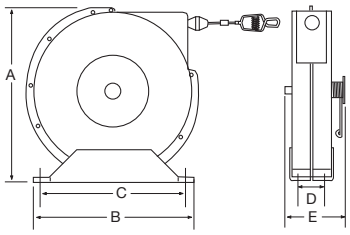
Static Discharge Reels, 50 Feet (15.2m)

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)



Specifications are subject to change without notice.

Electric Cord and Cable Reels

inREACH™ Industrial Cord Reels

- Durable, corrosion resistant cast aluminum construction
- White powder coat finish
- Multi-position guide arm can be mounted in two positions
- Positive latch mechanism automatically maintains desired cord length
- Ratchet lock can be disengaged in field for constant tension applications
- 16–10 AWG, 3 & 4 conductor cord for greater current carrying capacity
- Available in 45ft lengths

HBLI45143C15

HBLI45123R20

HBLI45123GF20

HBLIMB

inREACH™ Industrial Cord Reels Connector Ends

Description		Amps	Volts AC	Cable Length Feet (m)	Cable Type	Weight Lbs. (kg)	Catalog Number
White Industrial Reel	with HBL5269C	15	125	45 (13.7)	14/3 SJO	24.0 (10.9)	**BRYI45143C15**
	with HBL5369C	20	125	45 (13.7)	12/3 SJO	26.5 (12.0)	**BRYI45123C20**
White Industrial Reel with Yellow Portable Outlet Box	(1) 15A Duplex Receptacle (2) 15A Duplex Receptacles	15	125	45 (13.7)	14/3 SJO	26.5 (12.0) 26.5 (12.0)	**BRYI45143R15** **BRYI45143R215**
	GFCI Module and (1) 15A Duplex Receptacle	15	125	45 (13.7)	14/3 SJO	26.5 (12.0)	**BRYI45143GF15**
White Industrial Reel with Yellow Portable Outlet Box	(1) 20A Duplex Receptacle (2) 20A Duplex Receptacles	20	125	45 (13.7)	12/3 SJO	26.5 (12.0) 26.5 (12.0)	**BRYI45123R20** **BRYI45123R220**
	GFCI Module and (1) 20A Duplex Receptacle GFCI Module and (2) 20A Duplex Receptacles	20	125	45 (13.7)	12/3 SJO	26.5 (12.0) 26.5 (12.0)	**BRYI45123GF20** **BRYI45123GF220**
Mounting bracket						2.5 (1.1)	**BRYIMB**
340° pivot base						3.5 (1.1)	**BRYI340PB**

Note: 15A reels are supplied with HBL5266C on the power supply cord. 20A reels are supplied with HBL5366C on the power supply cord.

Commercial Cord Reels

BRYC40123TT

BRYC25163C

- 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)

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.

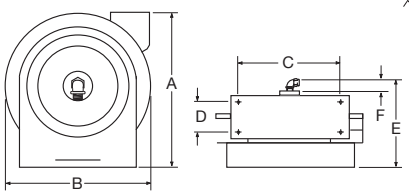
Product Dimensions Inches (mm)

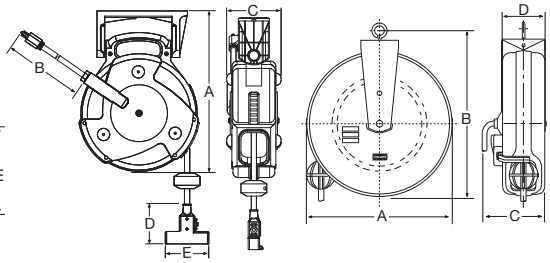
	Triple Tap	5-15R Connector
A	15.51" (394.6)	9.50" (241)
B	30.0" (762.0)	11.38" (289)
C	5.26" (133.84)	4.11" (104)
D	3.75" (95.4)	2.83" (72)
E	4.19" (106.6)	—

Product Dimensions Inches (mm)

	Industrial 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)





Electric Cord and Cable Reels

Cord Reels 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

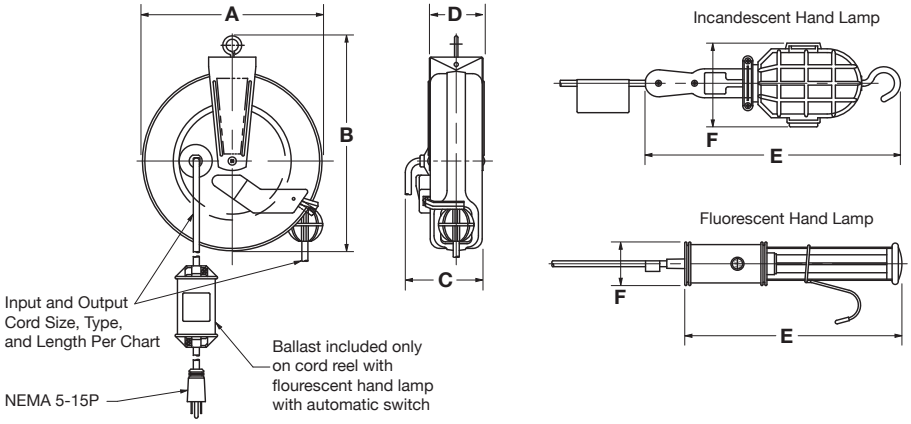
Cord Reels with Hand Lamps, Feet (m)

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

	Listings	Environment
Weatherproof Cable Reels	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 N

Wire Management

Table of Contents Page

Illustrated Guide to Wire Management N-2

Pulling Grips

Heavy Duty, Overhead, Flexible Eye, Closed Mesh N-4
Heavy Duty, Underground, Rotating Eye, Closed Mesh N-5
Heavy Duty, Underground, Flexible Eye, Closed Mesh N-5
Light Duty, Low Tension, Flexible Eye, Closed Mesh N-6
Junior, Low Tension, Flexible Eye, Closed Mesh N-6
Special Purpose, Slack Pull, Offset Eye, Closed Mesh N-7
Special Purpose, Slack Pull, Offset Eye, Split Mesh, Rod Closing N-7
Tools, Bands and Swivels N-8

Support Grips

Heavy Duty, Single and Double Eye, Closed Mesh N-9
Heavy Duty, Single and Double Eye, Split Mesh, Lace Closing N-10
Standard Duty, Single and Double Eye, Closed Mesh N-11
Standard Duty, Offset and Universal Eye, Closed Mesh N-12
Standard Duty, Single and Double Eye, Split Mesh, Lace Closing N-13
Standard Duty, Offset and Universal Eye, Split Mesh, Lace Closing N-14
Standard Duty, Single and Double Eye, Split Mesh, Rod Closing N-15
Standard Duty, Offset and Universal Eye, Split Mesh, Rod Closing N-16
Service Drop, Heavy Duty, Single and Universal Eye, Closed Mesh N-17
Service Drop, Light Duty, Single and Universal Eye, Closed Mesh N-17
Bus Drop, Single and Universal Eye, Closed Mesh and Safety Springs N-18
Conduit Riser, Ring Type, Closed Mesh N-19
Conduit Riser, Ring Type, Split Mesh, Lace Closing N-20
Conduit Riser, Ring Type, Split Mesh, Rod Closing N-21

Splicing Grips

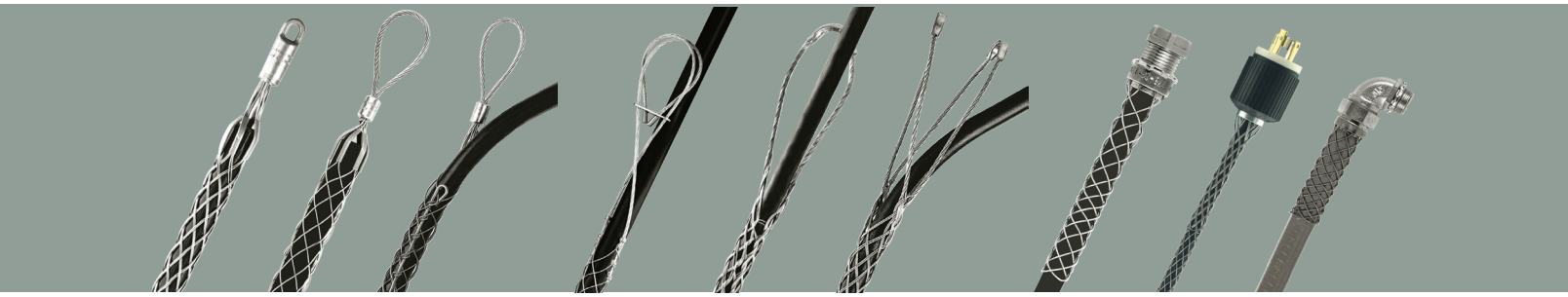
Splicing, Wire Rope, Multiple Weave N-22

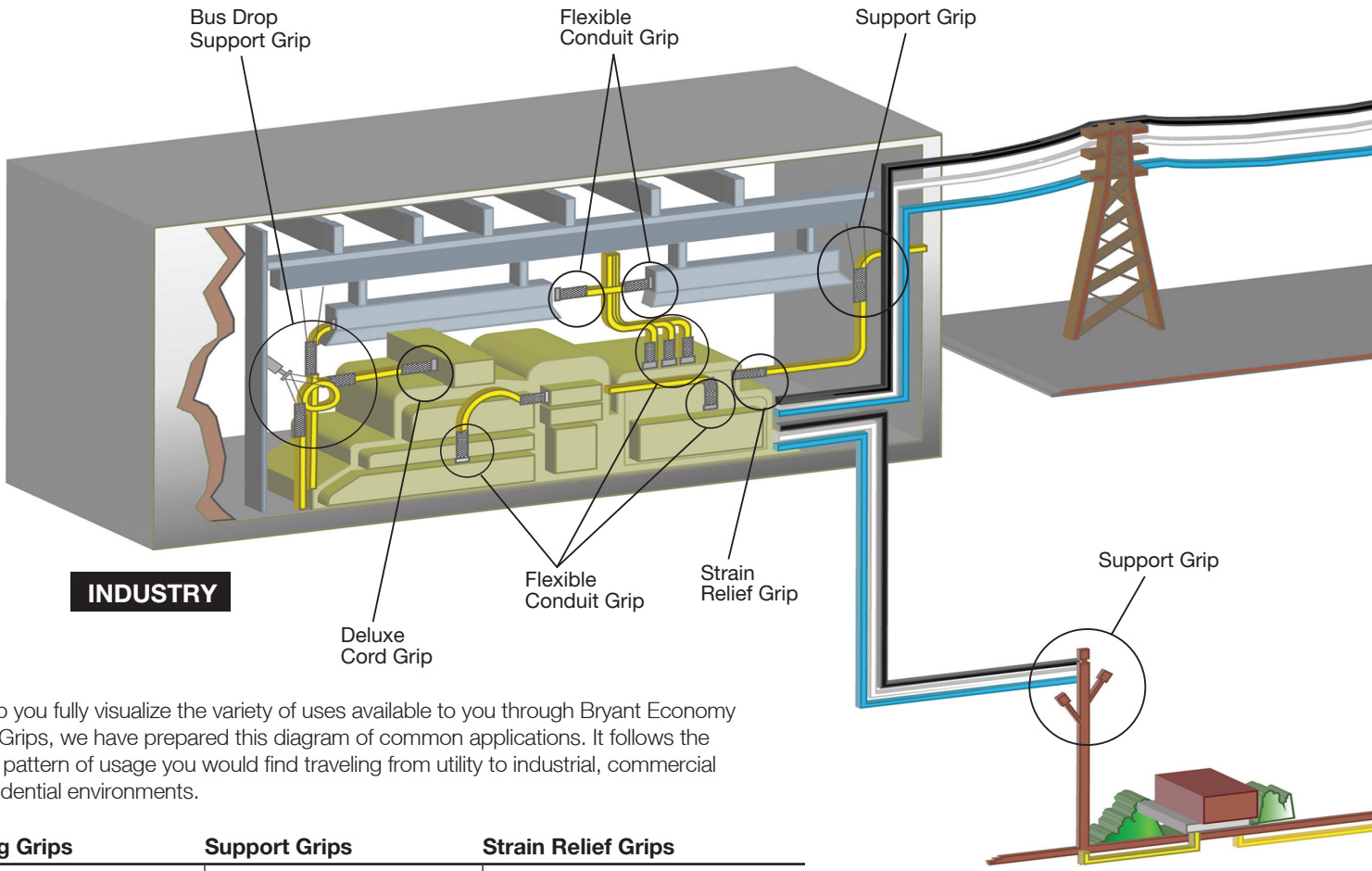
Strain Relief Grips

Deluxe Cord, Straight Male Fittings N-23
Deluxe Cord, Straight Female, 45° and 90° Male Fittings N-24
Plug and Connector Strain Relief N-24
Dust-Tight, Wide Range N-25
Liquidtight, Straight, 45° and 90° Male Fittings N-25

Technical Data

Application Selection, Materials and Sizes N-26
Multiple Cable, Grip Selection Chart N-27

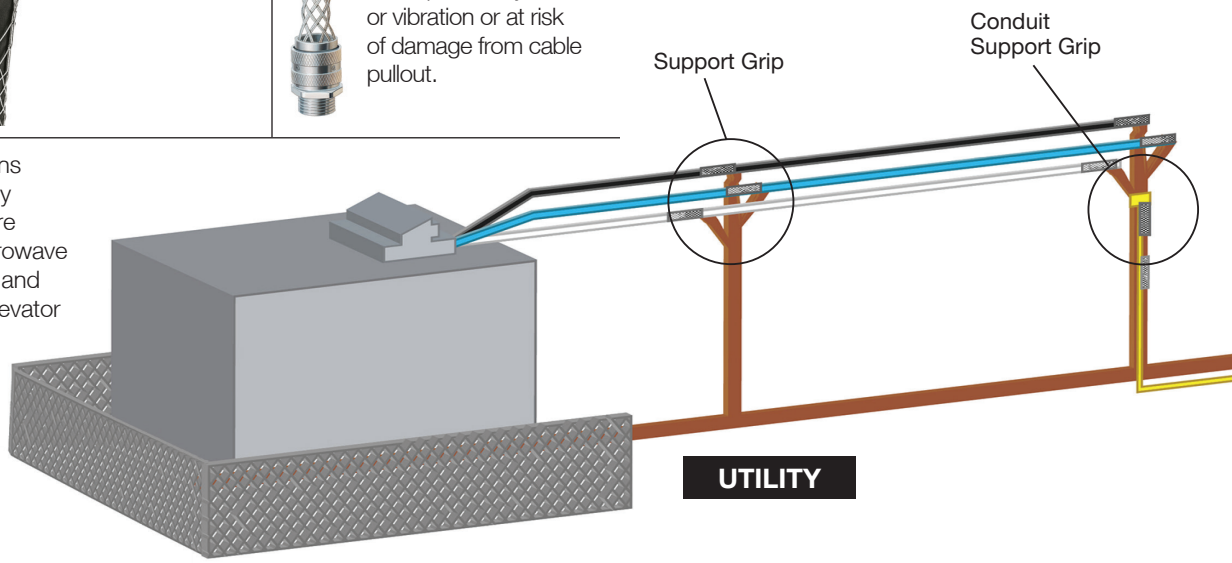




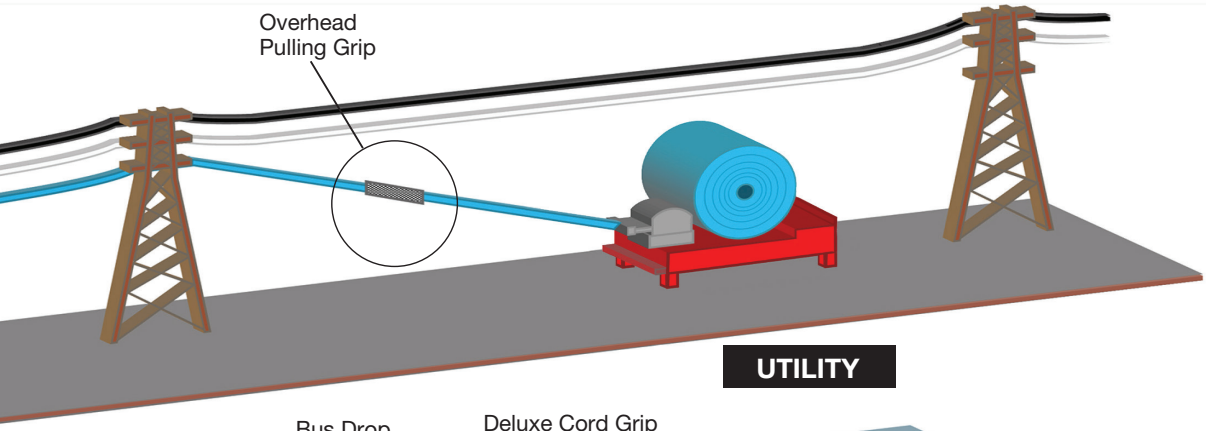
To help you fully visualize the variety of uses available to you through Bryant Economy Cable Grips, we have prepared this diagram of common applications. It follows the typical pattern of usage you would find traveling from utility to industrial, commercial nd residential environments.

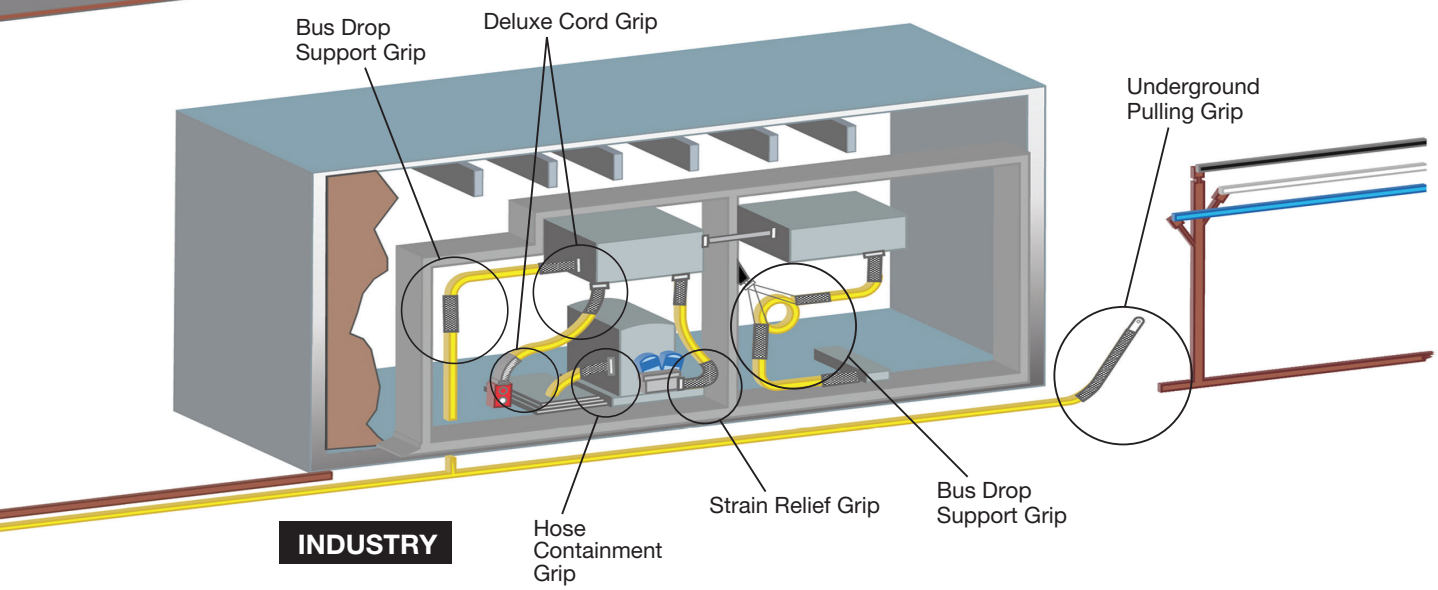
Pulling Grips	Support Grips	Strain Relief Grips
Pulling Grips are instrumental in the installations of transmission lines, service lines and cabling for construction and maintenance.	Support Grips provide holding support for indoor and outdoor permanent cable installations.	Strain Relief Grips are most 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.

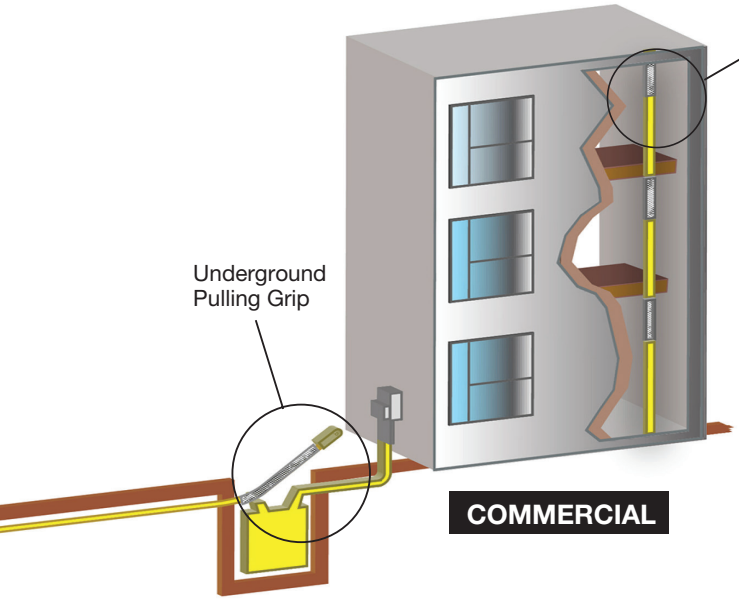
Beyond the electrical applications illustrated here, Bryant Economy Cable Grips can be used for wire management on radio and microwave communications towers, crane and hoist wire rope maintenance, elevator cable management and more.

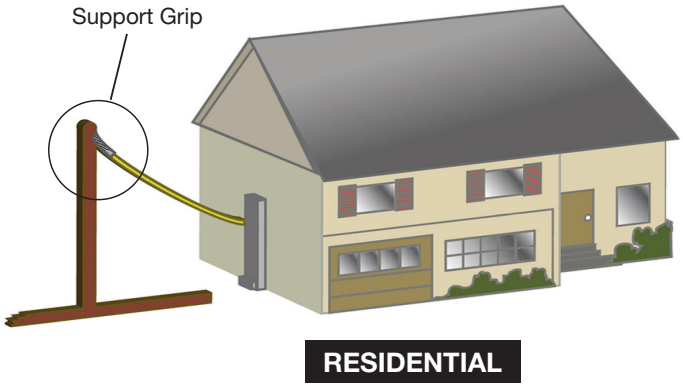


Illustrated Guide to Wire Management



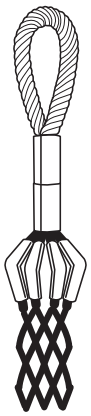






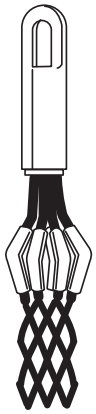
Wire Management Products

Pulling Grips Quick Reference Selection Guide



Heavy Duty Flexible Eye

For overhead and underground transmission and distribution line stringing. See pages N-4 and N-5.



Heavy Duty Rotating Eye

For underground heavy duty pulling of service lines and construction cable. See page N-5.

Light Duty Flexible Eye

For light industrial pulling of electrical cable and for underground and industrial plant wiring and re-wiring. See page N-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 N-7.

Heavy Duty Overhead Pulling Grips

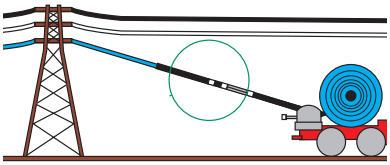
Application:

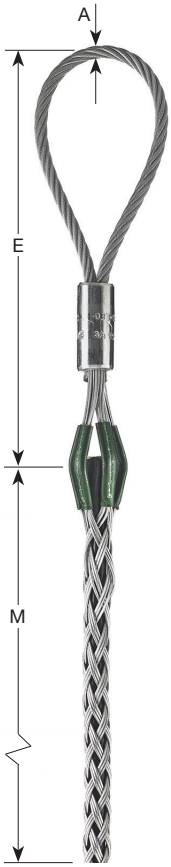
Pulling aluminum or copper bare conductor, ground wires, messenger strands, wire rope and insulated cables

- 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





MST050FE

Flexible Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm) E	Inches (cm) M	Eye (A) Dia. Inches (cm)	Catalog Number
.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 N-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

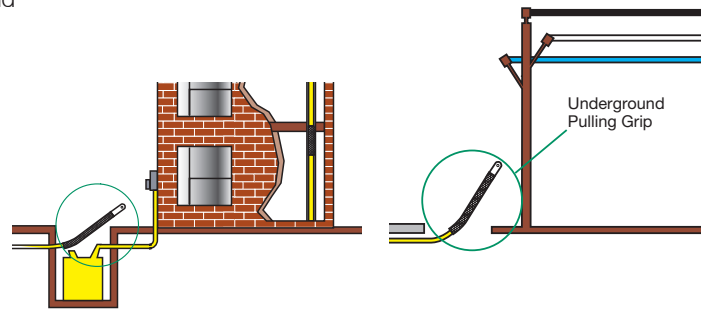
PHS150

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:

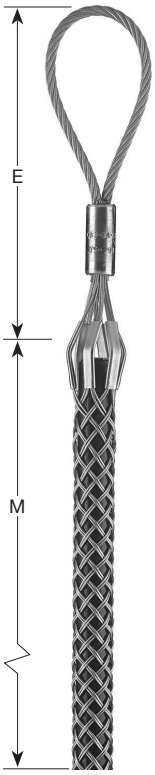
- Utility work
- Factory maintenance
- Construction



Rotating Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Rotating 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. Rotating eye is not a swivel and will not turn under tension, it can turn to relieve pulling torque when the tension is relaxed.



PH150

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 N-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

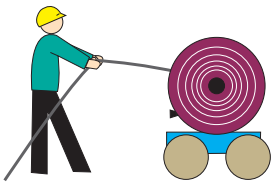
Application:

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 N-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)

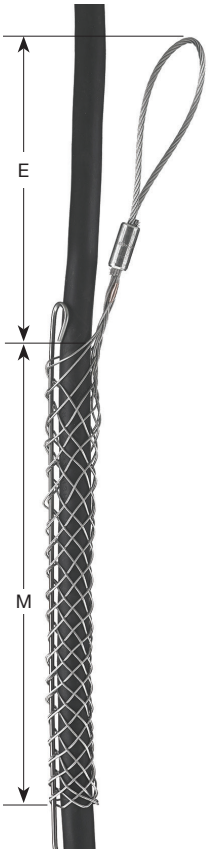
Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Inches (cm)		Catalog Number
		E	M	
.75"-.99" (1.90-2.51)	2,600 (11,565)	7" (17.78)	12" (30.48)	**SCD075**
1.00"-1.24" (2.54-3.15)	4,000 (17,792)	8" (20.32)	15" (38.10)	**SCD100**
1.25"-1.49" (3.17-3.78)	5,400 (24,019)	8" (20.32)	16" (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 N-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 N-26.

20320054

20320048

20320047

Punch-Lok® Bands and Accessories Inches (cm)

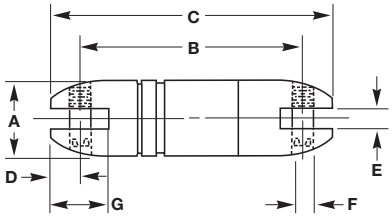
Grip Banding Range Inches (cm)	Band Width Inches (cm)	Band Inside Diameter Inches (cm)	Model	Punch-Lok Bands
¼"-1⅛" (.63-2.86)	⅜" (.95)	1⅜" (3.49)	0-311	**PLB025**
1⅛"-1⅝" (2.86-4.13)	⅜" (.95)	2" (5.08)	0-316	**PLB112**
1⅝"-2¼" (4.13-5.71)	⅝" (1.59)	2½" (6.35)	0-10	**PLB162**
2¼"-3½" (5.71-8.89)	⅝" (1.59)	4" (10.16)	0-16	**PLB225**
3½"-5" (8.89-12.70)	⅝" (1.59)	6" (15.24)	0-24	**PLB350**
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.

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)							Model	Catalog Number
	A	B	C	D	E	F	G		
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)	11⁄16" (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)	11⁄16" (1.75)	⅝" (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**

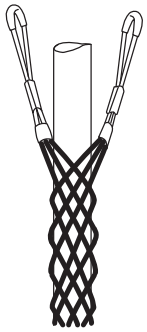
Punch-Lok® is a registered trademark of Punch-Lok Inc.

CAUTION **Never use grip to approximate breaking strength. Refer to page N-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

Support Grips Quick Reference Selection Guide

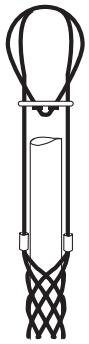
Single U Eye

For single hook attachment of permanent indoor/outdoor cable. Available on heavy duty, standard duty, and service drop grips. See pages N-9, N-10, N-11, N-13, N-15, N-17 and N-18.



Double U Eye

For double hook attachment of permanent indoor/outdoor cable. Available on heavy duty and standard duty grips. See pages N-9, N-10, N-11, N-13 and N-15.

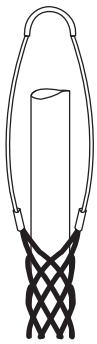


Universal

For wraparound attachment to an existing fastener in permanent indoor/outdoor applications. Available on standard duty and light duty service drop grips. See pages N-12, N-14, N-16, N-17 and N-18.

Single Offset Eye

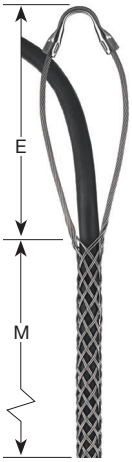
For offset hook attachment of permanent indoor/outdoor cable. Available on heavy duty, standard duty and light duty support grips. See pages N-12, N-14 and N-16.



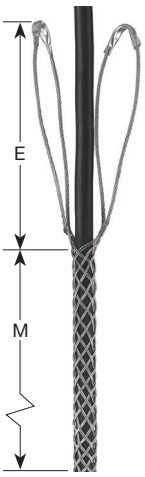
Wide Range Bus Drop

Used indoors for cable support where flexible cable connects electrical equipment to bus duct. Support or restrain air hose and water hose. See page N-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 N-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

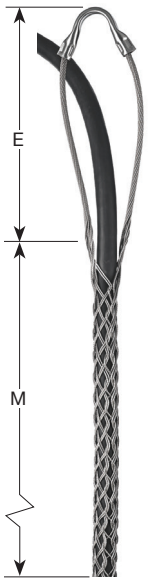
Application:

Supporting heavy loads and long runs of vertical and horizontal cables indoors and outdoors where ends of cable are not available

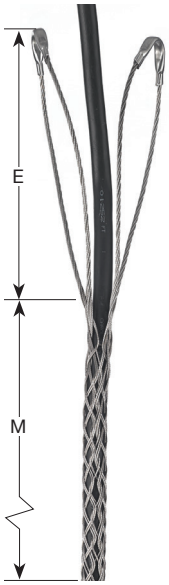
- Closed mesh fits over cable end while split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position, distributes load equally

Ideal For Use In:

- Industrial applications
- Communication towers
- Heavy equipment
- Utility work



SHS125U



SHS125

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**	—	—	—

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 N-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

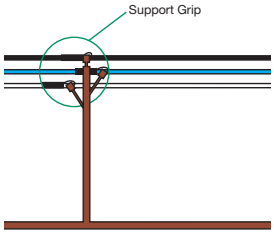
Standard Duty Support Grips

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:

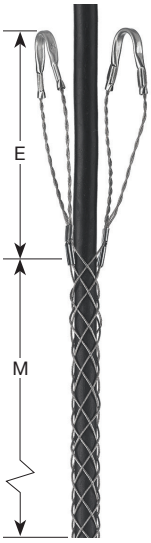
- Industrial applications
- Communication towers
- Utility work
- Heavy equipment
- Construction



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 N-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

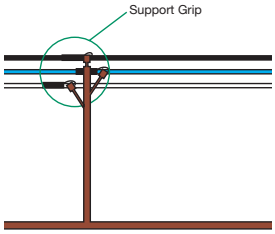
Application:

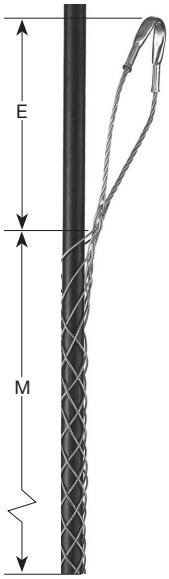
Permanent support of vertical and horizontal cable indoors and outdoors where ends of cable are available

- 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**	1,950 (8,674)	**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

Universal 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 N-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.

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

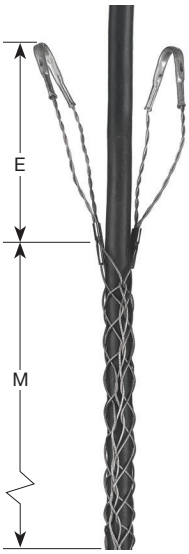
Ideal For Use In:

- 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**



SPS125DE

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**	—	**—**

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 N-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)		Tin-Coated Bronze	
	E	M	Approx. Breaking Strength Lbs. (N)	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

Universal Eye, Split Mesh, Lace Closing Inches (cm)

Cable Diameter Range Inches (cm)	Inches (cm)		Tin-Coated Bronze	
	E	M	Approx. Breaking Strength Lbs. (N)	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 N-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 N-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

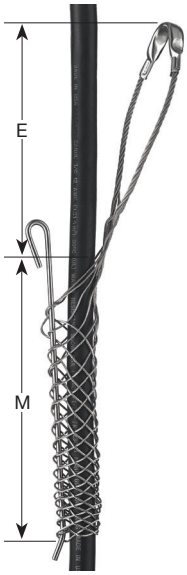
Application:

Supporting vertical and horizontal runs of cable indoors and outdoors when ends of cable are not available

- 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)		Tin-Coated Bronze		Stainless Steel	
	E	M	Approx. Breaking Strength Lbs. (N)	Offset Eye	Approx. Breaking Strength Lbs. (N)	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

Universal 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)	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 N-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

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

SPJ075UD

Single Eye and Universal Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Single Eye			Universal 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

Application:

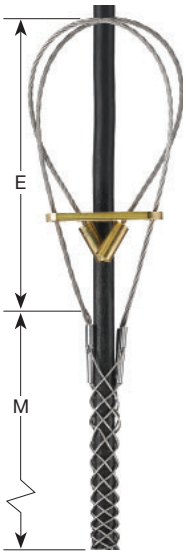
For light duty support of all types of suspended service cables used in indoor or outdoor minimum abuse environments

- 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

Dim. to Sliding Bar Fully Ext'd.



SPJ075L

Single Eye and Universal Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Single Eye			Universal 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 N-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

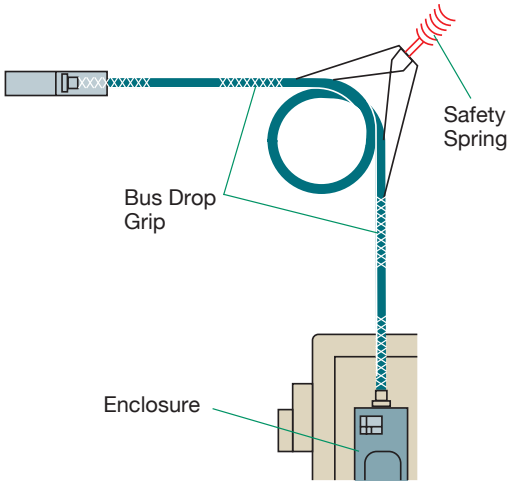
Application:

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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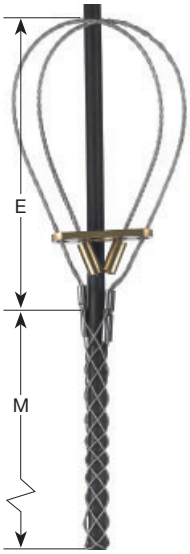

BDS56L

Single Eye and Universal Eye, Closed Mesh Inches (cm)

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lbs. (N)	Single Eye			Universal 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**

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 N-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 N-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)

CSD125L3

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)

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 N-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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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 N-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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FTD10024

Application:

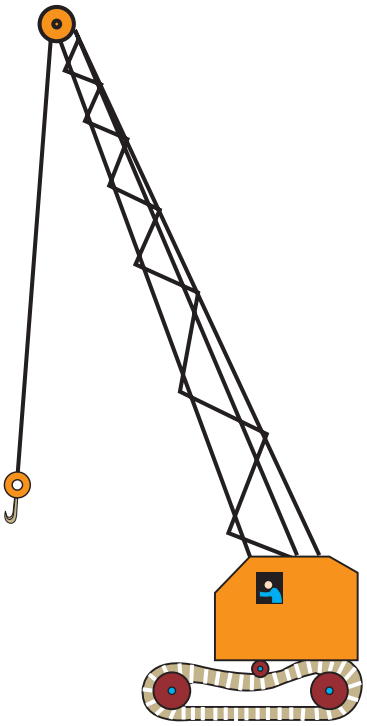
Temporary splice for cable and wire rope, can be used as cable reinforcement and to protect cables and hoses from abrasion, used to replace old wire rope with new wire rope

Ideal For Use In:

- Cranes
- Oil derricks
- Drag lines
- Hoists
- Factory control cables

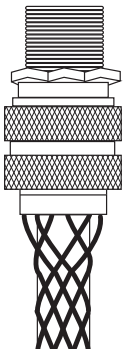
Flexible Tube Inches (cm)

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 N-26 for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.**

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 N-23 and N-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 N-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 N-25.

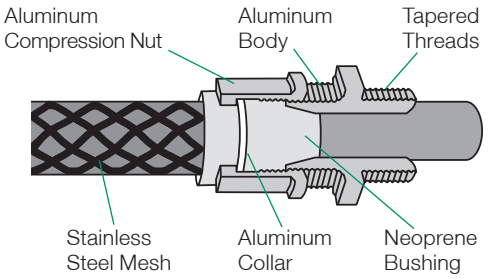
Deluxe Cord Strain Relief Grips

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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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**

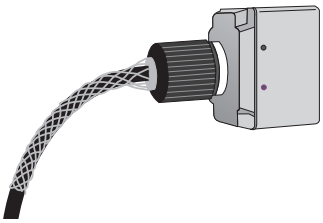
Plug and Connector Strain Relief Grips

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) .38"-.50" (.96-1.27) .50"-.61" (1.27-1.55)	15 and 20 Amp Straight Blade and 15 Amp Locking 3-Wire Devices	**PC13W32** **PC13W43** **PC13W54**
.30"-.41" (.76-1.04) .40"-.68" (1.02-1.73) .67"-.78" (1.70-1.98)	20 and 30 Amp Locking 3-Wire Devices	**PC23W43** **PC23W54** **PC23W73**
.46"-.68" (1.17-1.73) .68"-.83" (1.73-2.11) .83"-.95" (2.11-2.41)	20 and 30 Amp Locking 4- and 5-Wire Devices	**PC345W43** **PC345W54** **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**.

Specifications are subject to change without notice.

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:

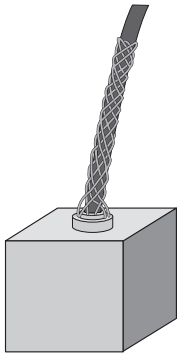
- Bus drop systems
- Motor connections
- Panel boards
- Internal wiring of machines and cabinets

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.*



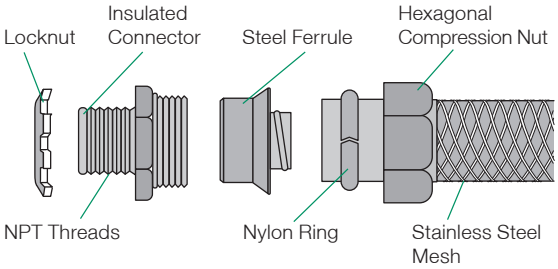
Liquidtight Strain Relief Grips

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:

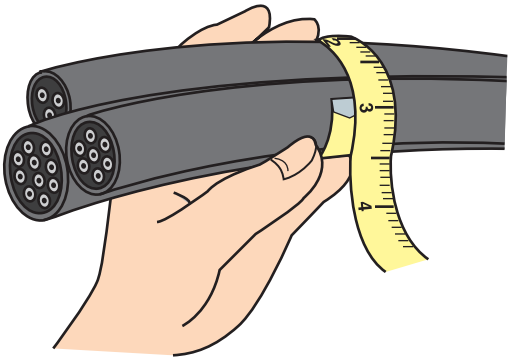
Bryant Economy Cable Grips meet the following requirements:

NEC® 300.19	Support of conductors in vertical raceways
NEC® 350	Liquidtight flexible metal conduit termination
NEC® 400.14	Strain relief at joints and terminals
NEC® 400.17	Flexible cord and cable protection
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 N-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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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 N-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.	N-4
Rotating eye grip	Underground power cables and communication lines. Service lines into factories.	N-5
Flexible eye grip	Underground power cables and communication lines. Service lines into factories.	N-5
Light duty, flexible eye	Light pulling, underground electrical construction. Industrial plant wiring and rewiring jobs.	N-6
Junior, flexible eye	Connect bundled insulated building wire to a pulling tape. Pull wire through conduit.	N-6
Slack pulling, closed mesh	Remove underground cable. For pulling slack in final placement of new cable when end of cable is available.	N-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.	N-7
Pulling Grip Accessories	Tools, bands and swivels.	N-8
Splicing	Temporary splice for cable or wire rope.	N-22

Specifications are subject to change without notice.

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

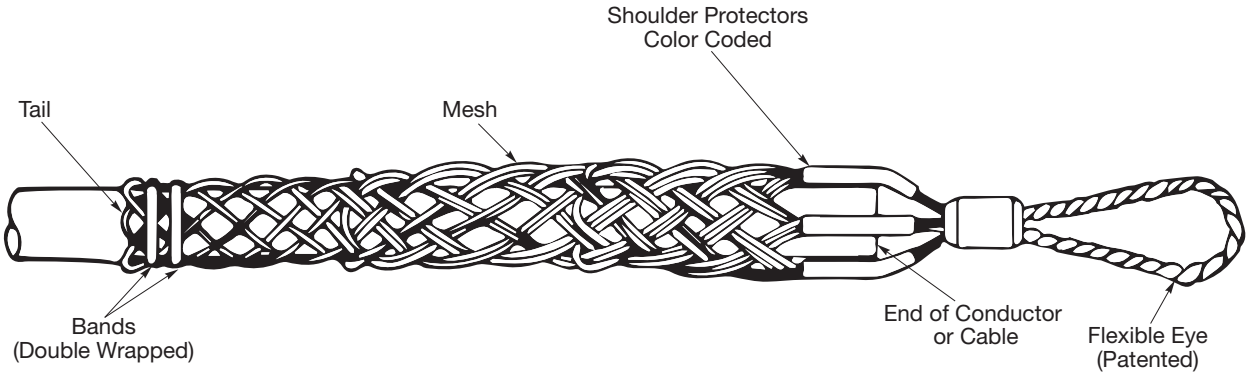
Multiple Strength Grips are also available with a flexible, patented wire rope eye. This compact eye will mate with a swivel, and pass through blocks and sheaves without binding.

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 N-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.

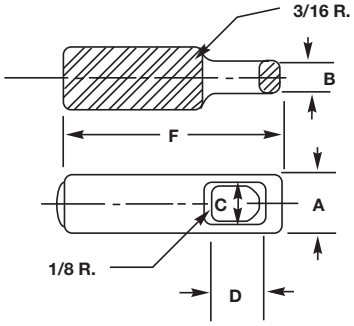
The rotating eye is not a swivel and will not turn while under tension, it can turn to relieve pulling torque when the tension is relaxed. If constant swivel action is required, a swivel should be used. For swivel dimensions, see page N-8.

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 N-8

Section O

Lampholders, Starters and Adapters

Table of Contents Page

Incandescent Lampholders

Porcelain and Plastic O-2

Fluorescent Lampholders

Medium Bi-Pin and Slimline O-2

Recessed Double Contact and Snap-In Quickwire O-3

Lampholder Accessories

Incandescent Lampholders and Adapters O-5

Lamp Switches and Snap-in Receptacles O-5

Fluorescent Starters O-6

Technical Information O-6

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

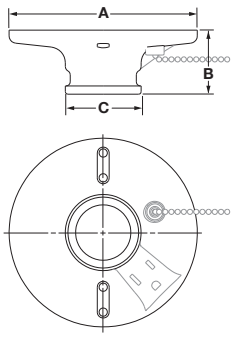
Catalog Number	RL101*	RL102*	RL105*	RL106*	RL100**
	Medium base socket, brass, ON/OFF				Medium base socket
Description	Turn knob, single	Turn knob, 3-way	Push through	Pull chain	Keyless, brass
Rating	250W 250V	250W 250V	660W 250V	660W 250V	660W 250V

*Note: *UL and cUL. **UL and CSA.*

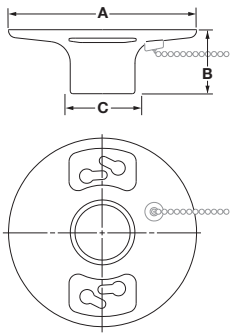
Product Dimensions Inches (mm)

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

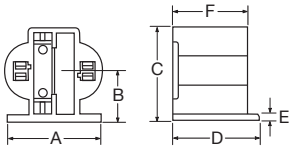
Slimline Type Fluorescent Lampholder

RL310*	RL311*
Plunger	Fixed
Single pin	Single pin
660W 600V	660W 600V
Slide-on and snap-in	Slide-on and snap-in

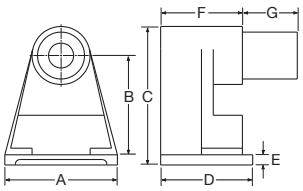
*Note: *UL and cUL.*

Product Dimensions Inches (mm)

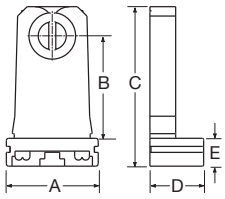
	RL479HSM	RL413HSI	RL413HSM	RL426G24	RL42G11HSM	RL42G11H9
A	1.28" (32.5)	0.77" (19.5)	1.28" (32.5)	1.31" (33.3)	1.83" (46.5)	1.32" (33.5)
B	0.69" (17.5)	0.69" (17.5)	0.69" (17.5)	1.13" (28.7)	0.83" (21.0)	1.14" (29.0)
C	1.28" (32.5)	1.28" (32.5)	1.28" (32.5)	1.54" (39.1)	—	1.92" (48.7)
D	1.28" (32.5)	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)



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.*

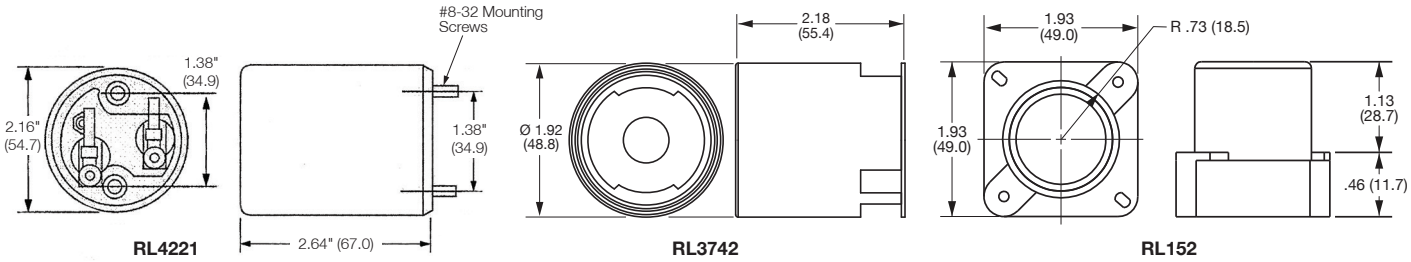
Straight Body, Porcelain Keyless

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 600V	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)



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

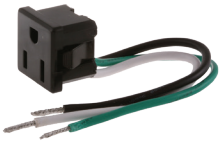
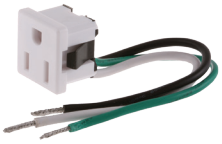
Catalog Number	RL150	RL154	RL200	RL201
Description	Medium to medium base extension, screw-in, E26 to E26 socket	Mogul to medium base adapter, screw-in, E39 to E26 socket	Outlet adapter, 2-prong plug to medium lampholder	Medium lampholder adapter, medium lampholder to outlet without ground
Rating	250W 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

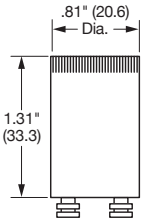
RL5221 HID Incandescent Lampholder

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, opeO-rated protected lamps, for use in open or enclosed luminaires. "EX" style exclusionary base designed specifically for operation with protected sockets.	

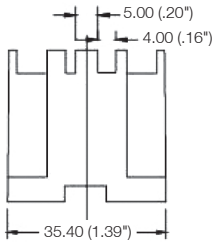
RL426G24 Compact Fluorescent Lampholder

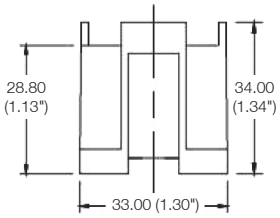
Specification	
Rating 26-32W lamp type, 75W 600V	
Mechanical	
Material	High Strength Polycarbonate
Terminal Accommodation	
Suitable as G24Q-3 or GX24Q4 type base, horizontal mount, screw down. Push-in wire terminals for #18 AWG solid or twist and tin stripped 7⁄16 inch wire. Maximum 6.5 inch lbs conductor insertion force. Wiring port accepts 2 wires for harness wiring.	

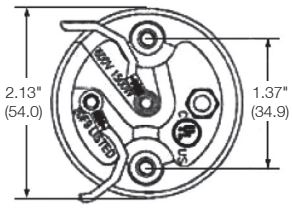
Product Dimensions Inches (mm)

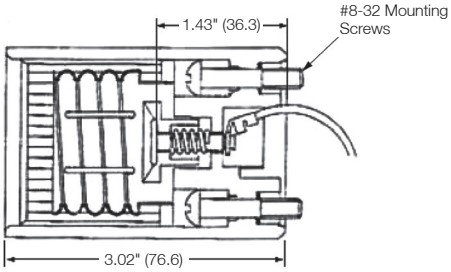


Fluorescent Starters

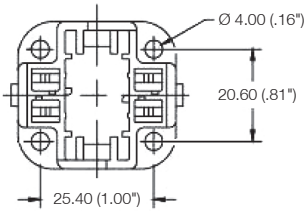








RL5221



RL426G24

Section P

Delivery Systems

Table of Contents Page

Countertop Pop-Up Receptacles

Product Features P-2
15 & 20 Amp Tamper-Resistant Countertop Receptacles P-3

Floor Boxes

Floor Boxes for Structural Wood Floors P-4
Floor Boxes for Structural Concrete Floors P-5
Product Dimensions P-5

Under Cabinet/Counter Power and Low Voltage Device Distribution

Slim Fit and GFCI Fit Boxes P-6
Vertical or Horizontal Mount and Product Dimensions P-6

Metal Raceway

HBL500, HBL700 and HBL750 Series P-7
HBL2000 Series P-9

Metal PlugTrak®

15 and 20 Amp 125V P-10
Tamper-Resistant and USB Ports P-10

Accessories

Thermoplastic Communication Frames P-11

Technical Information

Wire Fill Capacity P-12
Specifications P-12

Aluminum Service Poles

Aluminum Series Offering P-13

FloorTrak® Floor Cable Covers

FloorTrak® FT2, FT3, FT4, FT10 Series and Accessories P-14
Product Dimensions and Specifications P-14

Countertop Receptacles

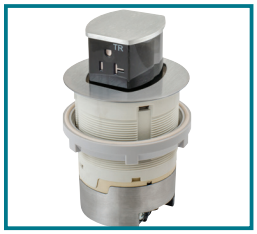
Hubbell Pop-Up Receptacles for countertops provide a power source ideal for kitchen and bath counters and islands. Hubbell is the first to market a countertop receptacle that is UL Listed. It allows compliance with NEC® 406.5(E) [countertops], 406.5(F) [work surfaces], and 406.5(H) [seating areas]. Pop-Up Receptacles are tested and water resistant to a half gallon spill. The receptacles feature Hubbell's patent pending silicone gaskets and patented cam action tamper-resistant technology. The compact design minimizes space required on the countertop as well as underneath in the cabinet area.

Because Spills Happen

Hubbell Countertop Receptacles are Spill Test Compliant

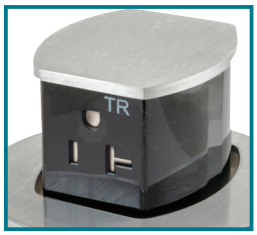
Hubbell Countertop Receptacles are the first pop-up receptacles UL listed for countertop applications and permanent installations.

UL 498 Section 146
Built and listed to be water resistant to a half gallon of liquid spilled on the device.

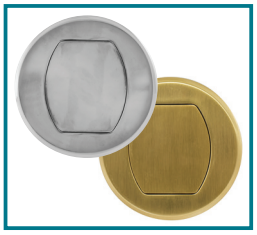


Housing Design
- Features two water and tamper-resistant receptacles
- Surface or flush mount options
- Self sealing silicone gaskets at the receptacle face
- Compact design

Installation
- Easy installation - simply drop it in and tighten
- Permanent installation ready (suitable for MC cable or non-metallic sheath cable)



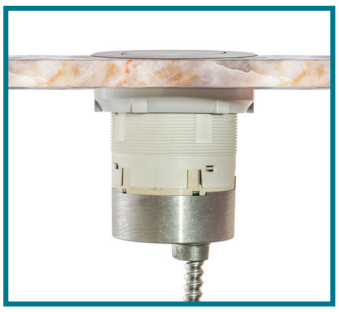
Safety
- Self sealing silicone gaskets at the receptacle face
- Easy push down to pop-up function is rated for a minimum of 10,000 cycles (OPEN/CLOSE)



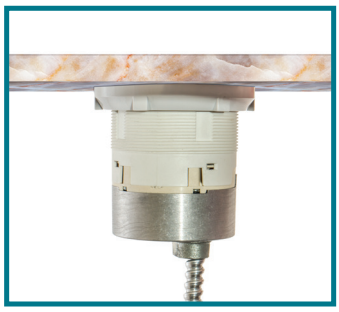
Covers
- Seven different finishes available

Mounting Installation

Surface
Flange with chamfer



Flush
Flange without chamfer



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

15 Amp Countertop Receptacles

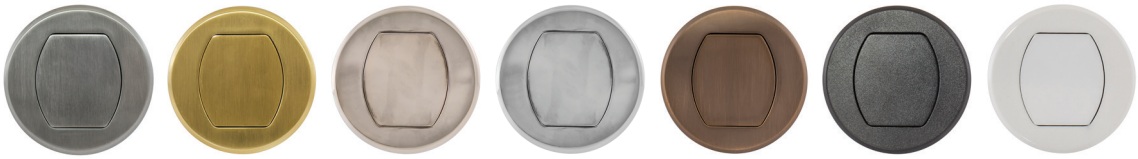
Description	Finish	Color/Material	Surface Mount	Flush Mount
15A 125V Tamper-Resistant Pop-Up Kitchen Counter Receptacle, Rated for 20A circuits	Brushed	Aluminum	**RCT200ALU**	**RCT201ALU**
		Brass	**RCT200BR**	**RCT201BR**
		Nickel	**RCT200NI**	**RCT201NI**
	Polished	Chrome	**RCT200CH**	**RCT201CH**
	Powder Coated	Bronze Matte	**RCT200BZE**	**RCT201BZE**
		Black Matte	**RCT200BK**	**RCT201BK**
		White Matte	**RCT200W**	**RCT201W**

RCT200BK

20 Amp Countertop Receptacles

Description	Finish	Color/Material	Surface Mount	Flush Mount
20A 125V Tamper-Resistant Pop-Up Kitchen Counter Receptacle.	Brushed	Aluminum	**RCT220ALU**	**RCT221ALU**
		Brass	**RCT220BR**	**RCT221BR**
		Nickel	**RCT220NI**	**RCT221NI**
	Polished	Chrome	**RCT220CH**	**RCT221CH**
	Powder Coated	Bronze Matte	**RCT220BZE**	**RCT221BZE**
		Black Matte	**RCT220BK**	**RCT221BK**
		White Matte	**RCT220W**	**RCT221W**

RCT221ALU



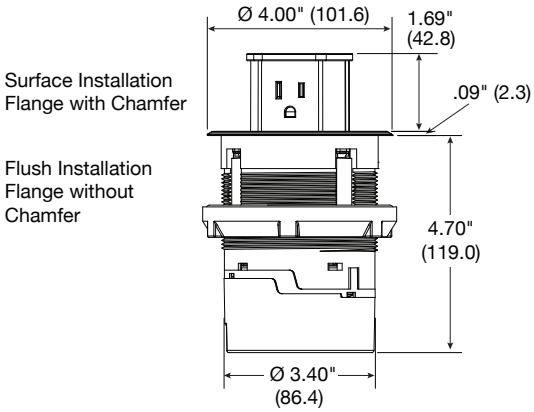
Brushed Aluminum | Brushed Brass | Brushed Nickel | Polished Chrome | Powder Coated Bronze Matte | Powder Coated Black Matte | Powder Coated White Matte

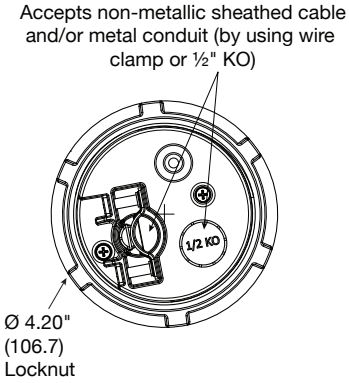
Specifications

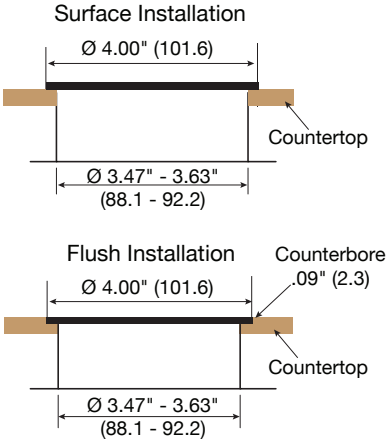
Performance	
Configuration	15/20 amp 125 volt, tamper-resistant receptacle
Circuit Rating	20 amp non-feed through
Listings	cULus Listed to UL498, Section 145 Mechanical Load Test, 146 Spill Test
Dielectric Voltage	Withstands 2,000V minimum
Terminal Accommodation	#14-#12 AWG copper stranded or solid conductor only
Terminal Identification	Terminals identified in accordance with UL 498 and CSA
Flammability	UL 94V-2
Operating Temperature	Maximum continuous 75°C, minimum -40°C (w/o impact)

Materials	
Cover and Flange	Die cast aluminum
Main Body	Engineered thermoplastic PBT
Wiring Chamber	Die cast aluminum
Water Seals	Elastomers and silicon

Product Dimensions Inches (mm)

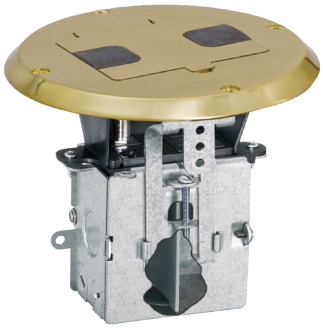






Note: Recommended to be fed by a GFCI circuit, up to 20 Amp Service.

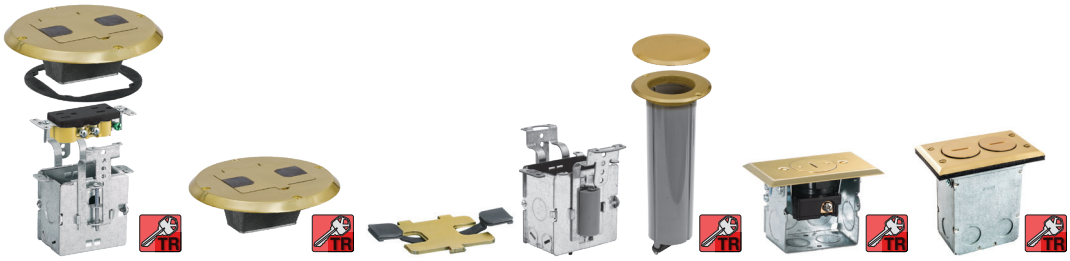
Floor Boxes for Structural Wood Floors



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



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 P-3 for dimensional art.

JLOAD® Multimedia Outlet (for use with RF500 and RF400 series)

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	Black	**RJ650BKTR**	**RJ65BKTR**	**RJ600**
	Gray	**RJ650GYTR**	**RJ65GYTR**	
	Ivory	**RJ650ITR**	**RJ65ITR**	
	Light Almond	**RJ650LATR**	**RJ65LATR**	
	White	**RJ650WTR**	**RJ65WTR**	
NEMA 5-20, 20A 125V	Black	**RJ620BKTR**	**RJ62BKTR**	**RJ600**
	Gray	**RJ620GYTR**	**RJ62GYTR**	
	Ivory	**RJ620ITR**	**RJ62ITR**	
	Light Almond	**RJ620LATR**	**RJ62LATR**	
	White	**RJ620WTR**	**RJ62WTR**	

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

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.

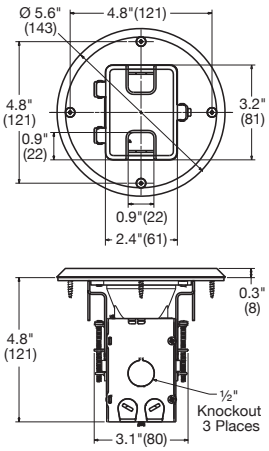
- Recessed receptacle minimizes plug protrusion, allowing furniture to be located over the plug
- Pre-assembled flange, cover and leveling ring for quick installation
- Removable neoprene gaskets allow for independent use of either side of the receptacle with the cover closed
- Parallel PVC hubs for 1 inch and ¾ inch conduit

Floor Boxes For Concrete Floors

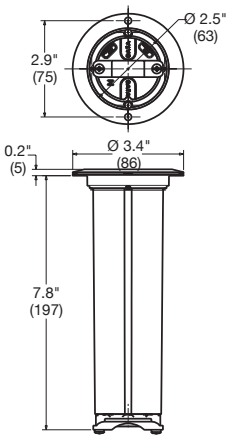
Rating	Material	Color/Finish	Flange and Hinged Door Cover Assembly	Tile Ring and Door Cover Assembly	Floor Box with Concrete Protective Cover	Replacement Door Only	Low Voltage Divider
NEMA 5-15, 15A 125V	Brushed Aluminum	—	**RF406ALU**	—	—	—	—
	Brushed Brass Plate	—	**RF406BP**	—	—	—	—
	Solid Brass	Clear Lacquer	**RF406BR**	**RF409BR**	—	**RF407BR**	—
	Thermoplastic	Almond	—	—	—	—	—
	Thermoplastic	Black	**RF406BK**	—	—	**RF407BK**	—
	Thermoplastic	Chestnut Brown	**RF406BN**	—	—	—	—
	Thermoplastic	Gray	**RF406GY**	—	—	—	—
	PVC	Gray	—	—	**RF400**	—	**RF408**

Product Dimensions Inches (mm)

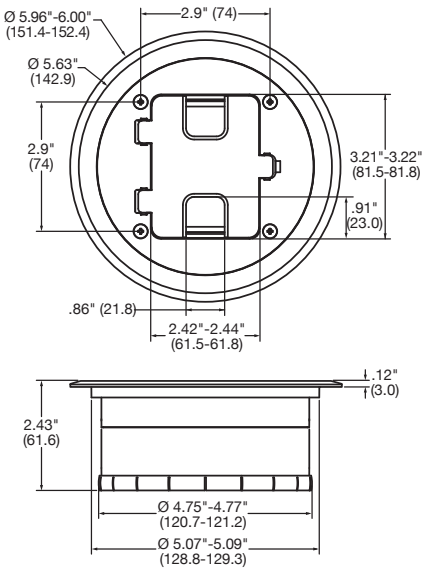
RF515



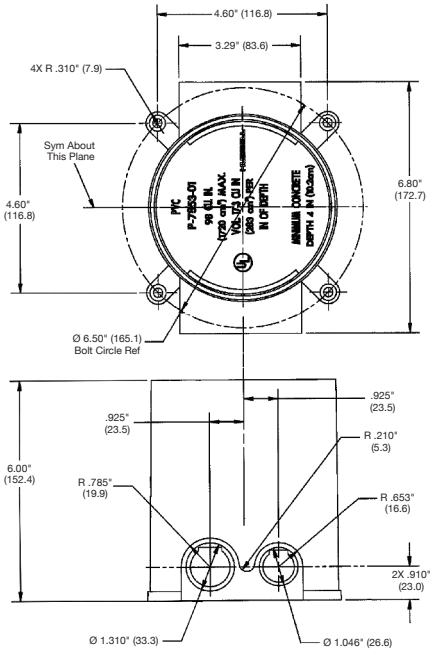
RF151R



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.

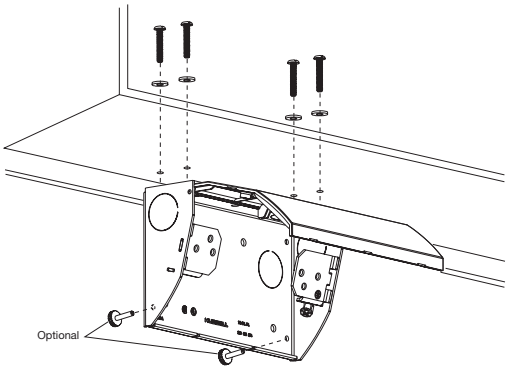
- Use the new JLOAD® Multimedia Outlet, specifically designed to provide power, Category 5e and coaxial. Perfect for under cabinet TV, DVD and security systems. Enables multiple service in a small area.
- Instead of compromising the decorative look of a granite backsplash or designer tiling, hide receptacles 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

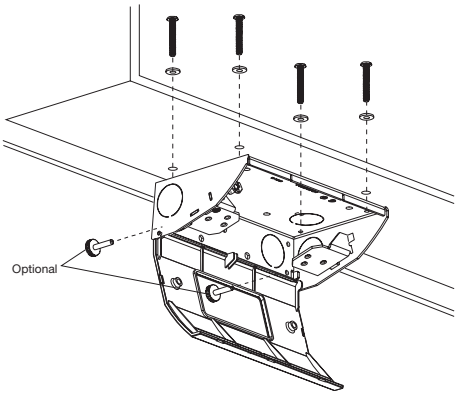
Material	Color	Slim fit box, offers the slimmest, sleekest, most stylish option for low profile, out-of-sight mounting, devices sold separately	GFCI fit box, designed for GFCI or JLOAD® accommodation where internal wiring space is needed, devices sold separately
Stainless Steel	—	**RU100SS**	**RU200SS**
Metal	White	**RU100W**	**RU200W**
Nylon	White	**RU170W***	**RU270W***

*Note: *Steel box with nylon cover.*

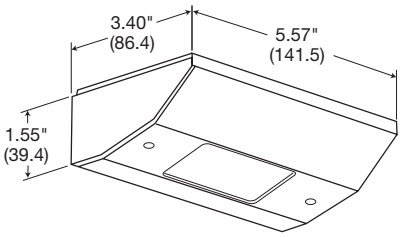
Vertical Mount



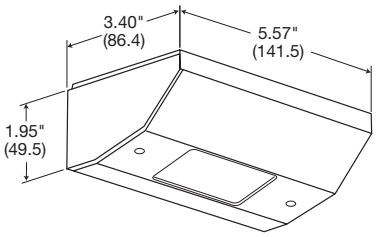
Horizontal Mount



Product Dimensions Inches (mm)



Slim Fit Box

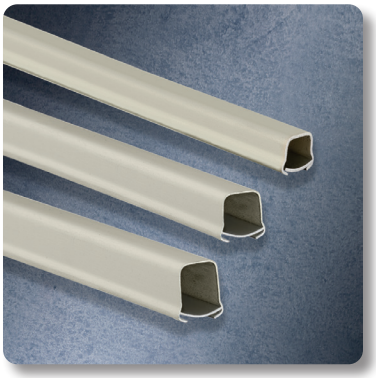


Gfci Fit Box

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

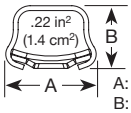
Delivery Systems

HBL500, HBL700 and HBL750 Series Metal Raceway

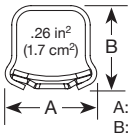


Color	HBL500	HBL700	HBL750
	Base and Cover, 10 Ft.		
Ivory	**HBL50010IV**	**HBL700IV**	**HBL75010IV**
White	**HBL50010W**	**HBL700W**	**HBL75010W**
Color	Base and Cover, 5 Ft.		
Ivory	**HBL5005IV**	–	**HBL7505IV**
White	–	–	–

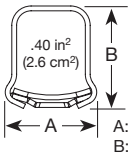
Note: See page P-9 for plates and communication frames.



A: 0.76" (19.3 mm)
B: 0.53" (13.5 mm)



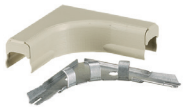
A: 0.76" (19.3 mm)
B: 0.67" (16.9 mm)



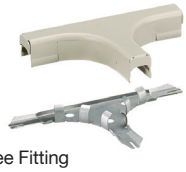
A: 0.76" (19.3 mm)
B: 0.85" (21.6 mm)

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]

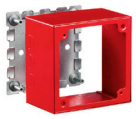
Color	Device Box, Low-Profile 1⅛" Deep	Device Box, ½" side KOs 1¾" Deep
Ivory	**HBL5748SIVA**	**HBL5745IVA**
White	**HBL5748SWA**	**HBL5745WA**

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", 4¹⁄₁₆"

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

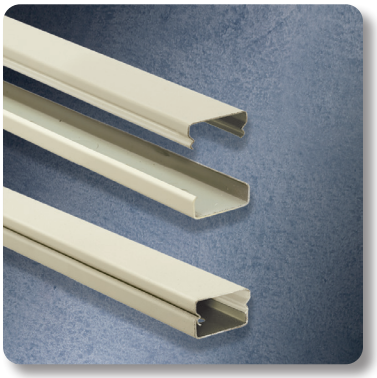
HBL600B

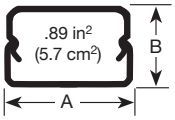
Touch-Up Pen, Ivory and White

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]

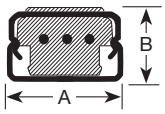
Color	Device Box 1-Gang, 1¾" Deep	Device Box 2-Gang, 1¾" Deep
Ivory	**HBL2048IV**	**HBL20482IV**
Gray	**HBL2048GY**	**HBL20482GY**

Note: [1] Almond devices and plates match ivory metal raceway.
[2] Not UL Listed or CSA Certified.

HBL2000 Series Tools[2]

Raceway Tools	Raceway Cutter	Cutter Replacement Blade Set	Touch-Up Paint Pen, Ivory and Gray
HBL2000	**HBL620C**	**HBL620BCK**	**HBLIWEP** **HBLGWEP**

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	—	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	—	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	—	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	—	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

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.*

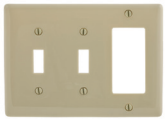
*Note: *Color shown is Ivory, for gray boxes and fittings, replace suffix IV with GY.*
Almond devices and plates match ivory metal raceway.
Bryant Metal PlugTrak is supplied with two HBL2010B(IV) or (GY) Blank End Fittings and one HBL2001C.
Outlets match raceway color. "IG" isolated ground receptacles have an inked orange triangle.
See page R-6 for tamper-resistant description.

Metal PlugTrak® is a registered trademark of Hubbell incorporated.

Nylon Wallplates Inches (mm)

Color	Gang	Switch	Duplex	Decorator	Blank: Box Mount	Blank: Strap Mount	Single Receptacle, 1.40" (35.6) Dia. Hole
Ivory	1	**P1I**	**P8I**	**P26I**	**P13I**	**P14I**	**P7I**
	2	**P2I**	**P82I**	**P262I**	**P23I**	**P24I**	**—**
	3	**P3I**	**P83I**	**P263I**	**P33I**	**P34I**	**—**
Gray	1	**P1GY**	**P8GY**	**P26GY**	**P13GY**	**P14GY**	**P7G**
	2	**P2GY**	**P82GY**	**P262GY**	**P23GY**	**P24GY**	**—**
	3	**P3GY**	**—**	**P263GY**	**—**	**—**	**—**

Nylon Combination Wallplates



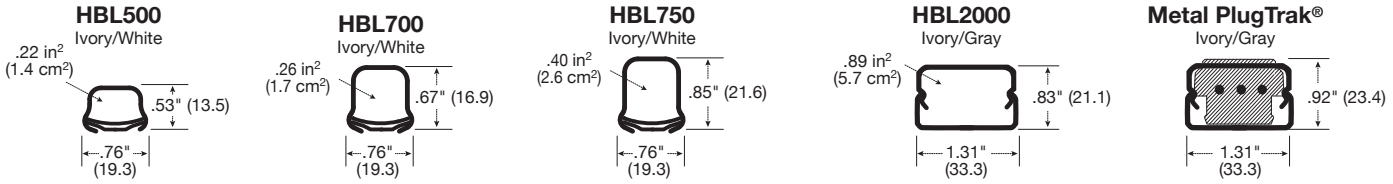
Color	Gang	1-Toggle, 1-Duplex	1-Toggle, 1-Decorator	Gang	2-Toggle, 1-Duplex	2-Toggle, 1-Decorator
Ivory	2	**P18I**	**P126I**	3	**P28I**	**P226I**
Gray	2	**P18GY**	**P126GY**	3	**P28GY**	**P226GY**

Thermoplastic Communication Frames 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
Ivory	1	**NS612I**	**NS613I**	**NS614I**	**NS616I**	**NS621I**	**NS620I**
Gray	1	**NS612GY**	**NS613GY**	**NS614GY**	**NS616GY**	**—**	**NS620GY**

Note: Bryant's Audio/Video Connectors allow custom creation of multimedia outlets and workstations while maintaining a decorative look. See Network Wiring Section R for more information.

Metal Raceway Profiles Quick Reference Guide Inches (mm)



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 (cm^2)		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.

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	Catalog Number 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)

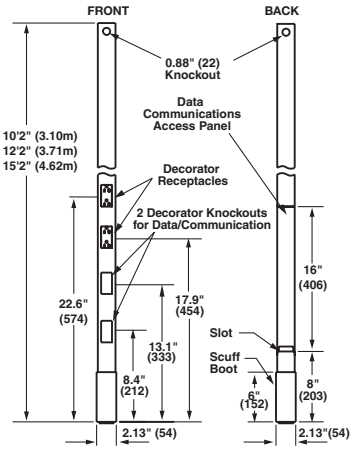
Material: Extruded aluminum, 0.05" (1.27mm) thick
Finish: Gray, ivory or clear anodized aluminum
Conductors: #12 AWG stranded copper

Receptacles: (see drawings below)
Listing: UL Listed

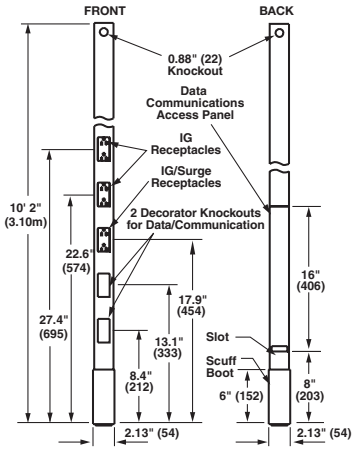
Wiring Capacity (@40% fill)	Voice Data Channel* Cat. 5e	Voice Data Channel* Cat. 6	Voice Data Channel* Cat. 6A	Power Channel**
BRYPP10A, BRYPP12A, BRYPP15A: BRYPP10IGA	26	11	9	41
BRYPP10SA, BRYPP10SAI	8	6	3	41
BRYPPOA, BRYPPO12A, BRYPPO15A (with barrier)	26	11	9	41

*Note: *Pole wiring capacity (telephone fill): Cat. 5 UTP (1.96 sq. ft.).*
***#12 THHN stranded.*

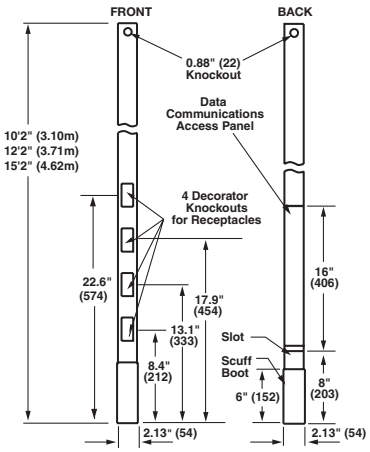
Product Dimensions Inches (mm)



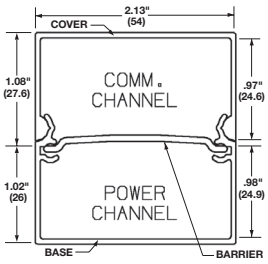
BRYPP10A, BRYPP12A, BRYPP15A



BRYPP10SA

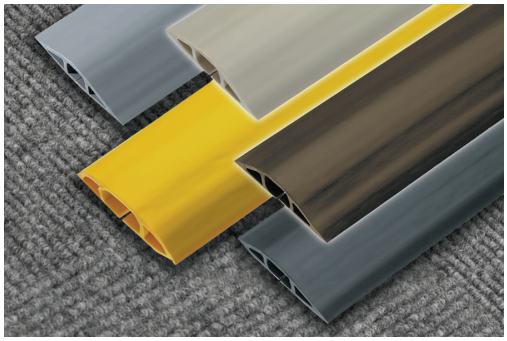


BRYPPOA, BRYPPO12A, BRYPPO15A



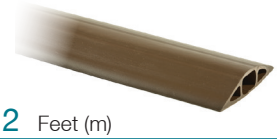
Service Pole Cross Section

FloorTrak® Floor Cable Covers



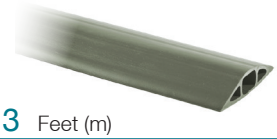
FloorTrak® is a flexible, non-metallic cover for cables that run over the floor when portable cords and cables cannot be concealed or routed away from traffic patterns. FloorTrak protects, organizes and reduces trip hazards.

- 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



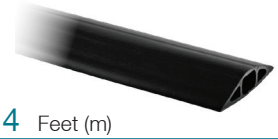
FloorTrak® 2 Feet (m)

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)

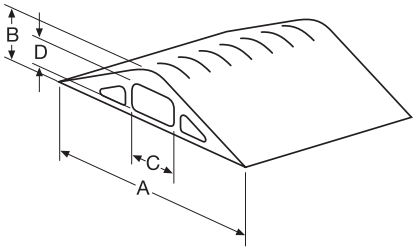
Color	Length	Catalog Number
Black	3.0' (.914)	**BRYFT10BK3**
Black	5.0' (1.52)	**BRYFT10BK5**
Yellow	3.0' (.914)	**BRYFT10Y3**
Yellow	5.0' (1.52)	**BRYFT10Y5**

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	Flexible/Rigid PVC
Operating temperature	0°F to +120°F (-18°C to +49°C)

Specifications are subject to change without notice.

Section Q

Wallplates and Covers

Table of Contents Page

Thermoplastic, Metal Wallplates and Extra-Duty While-In-Use Covers

Product Features Q-2

Snap-On Wallplates

Decorator and Toggle Q-4

Standard, Mid-Size and Jumbo Wallplates

Decorator Q-5
Toggle Q-6
Duplex Receptacles Q-7
Single Receptacles Q-8
Blank Q-9
Combination Q-10
Telephone and Coaxial Outlet Q-13
Jumbo Stainless Steel Q-14
Pre-Marked “EMERGENCY” and “ISOLATED GROUND” Q-15
Stainless Steel Barrel Key Switch Wallplates Q-16
Specialty Wallplates and Accessories Q-17

Weatherproof Covers

Zinc Die Cast, 1 and 2-Gang, Vertical or Horizontal Mount Q-18
Zinc Die Cast Alluminum and Non-Metallic, 1-Gang, Vertical Mount Q-19
Non-Metallic, 1 and 2-Gang, Vertical Mount for Flanged Devices Q-20
Non-Metallic, 1 and 2-Gang, While-In-Use Covers Q-21
Extra Duty Metallic, 1 and 2-Gang, While-In-Use Covers Q-22

Pool Pump and Generator Kits

Pool Pump Receptacle Kit Q-23
Generator Power Connection Kit Q-23

Technical Information

Selection Chart Q-24
Material Specifications Q-25
Wallplate Dimensions Q-26
Custom Metal Wallplates Q-27

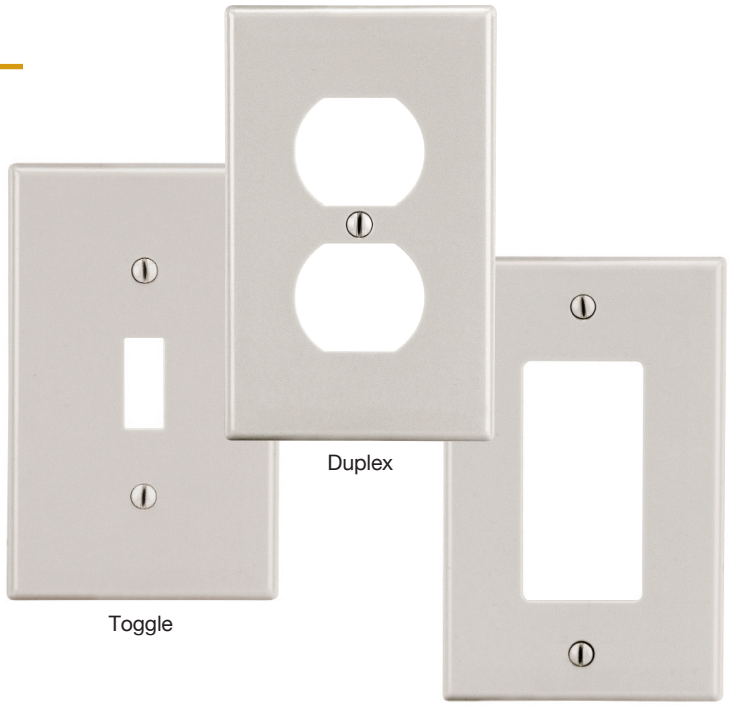
Wallplates and Covers

Non-metallic Wallplates

Features and Benefits

Bryant's line of polycarbonate wallplates features larger standard sized wallplates to provide extra coverage to hide rough box opening, improved aesthetics, greater strength, impact resistance, along with easy to clean finish 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, jumbo and pre-marked
- Smooth satin finish, blends into the wall
- More rigid, sharper lines
- Captive screw feature holds mounting screw in place for quick and easy installation, single gang
- High-impact polycarbonate thermoplastic is virtually unbreakable
- Smooth, easy to clean finish is highly resistant to solvents and cleaning solutions, providing long life in the harshest environments
- cULus listed



Toggle

Duplex

Decorator

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. See page Q-26 for details and dimensions.

Non-metallic Wallplates

Black | Brown | Blue | Gray | Ivory | Light Almond | Red | White

Non-metallic Pre-Marked Wallplates

Red | Red | Orange | Orange

Metal Wallplates

Aluminum | Brass | Brass Plated | Chrome | Stainless Steel

Pre-Marked

Stainless Steel

Stainless Steel Wallplates

Provide solutions for a variety of industrial and commercial applications.

302/304 Type Stainless Steel
Non-magnetic: 18.0% Chromium
8.0% Nickel

- Ideal for highly corrosive environments such as hospitals, food processing, static free requirements and more
- Environments subjected to heavy abuse

430 Type Stainless Steel
Magnetic: 17.0% Chromium
Less than 0.5% Nickel

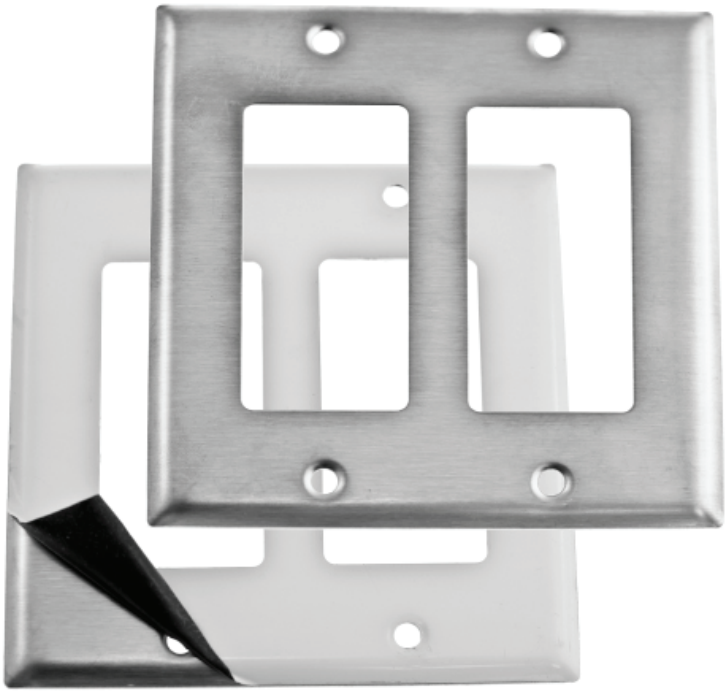
- Aesthetically identical to the 302/304 type stainless steel wallplates and are best suited for environments where corrosion resistance is less critical
- Standard commercial use

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



Decorator
(Protective plastic film helps to prevent scratches and damage)

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

2020 National Electrical Code (NEC®) Requirement

406.9 Receptacles in Damp or Wet Locations.

406.9 Receptacles in Damp or Wet Locations.
(B) Wet Locations
(1) Receptacles of 15 and 20 Amperes in a Wet Location.
Receptacles of 15 and 20 amperes, 125 and 250 volts 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 identified as “extra-duty.” Other listed products, enclosures, or assemblies providing weatherproof protection that do not utilize an outlet box hood need not be marked “extra-duty.”

All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles shall be listed and so identified as weather-resistant type.

(2) Other Receptacles. All other receptacles installed in a wet location shall comply with 406.9(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.

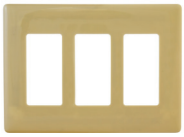
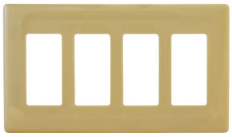
(b) A receptacle installed in a wet location where the product intended to be plugged into it will be attended while in use (e.g., portable tools) shall have an enclosure that is weatherproof when the attachment plug is removed.

NEC® is a registered trademark of the The National Electrical Code.

Snap-On Wallplates

- Clean, elegant look
- No visible screws
- Snap-on cover plate completely covers sub-plate eliminating dirt build-up around the edges
- Snap-on cover plate hides any paint or scratches on sub-plate caused during installation
- Appearance is consistent with other Bryant wallplates
- Meets UL and CSA standards
- Smooth finish

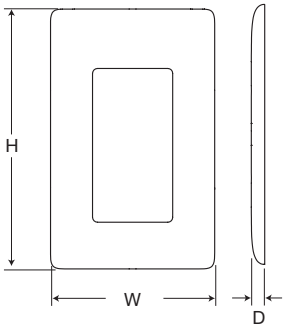
Snap-On Wallplates

Description		Color	Decorator Catalog Number	Toggle Catalog Number
1-Gang, 1-Decorator	1-Gang, 1-Toggle	Ivory Light Almond White	**NPS26I** **NPS26LA** **NPS26W**	**NPS1I** **NPS1LA** **NPS1W**
2-Gang, 2-Decorator	2-Gang, 2-Toggle	Ivory Light Almond White	**NPS262I** **NPS262LA** **NPS262W**	**NPS2I** **NPS2LA** **NPS2W**
3-Gang, 3-Decorator 	3-Gang, 3-Toggle	Ivory Light Almond White	**NPS263I** **NPS263LA** **NPS263W**	**NPS3I** **NPS3LA** **NPS3W**
4-Gang, 4-Decorator 		Ivory Light Almond White	**NPS264I** **NPS264LA** **NPS264W**	– – –
1-Gang, 1-Duplex		Ivory Light Almond White	**NPS8I** **NPS8LA** **NPS8W**	– – –

Product Dimensions Inches (mm)

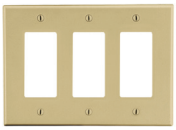
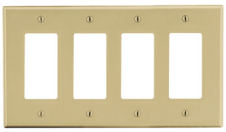
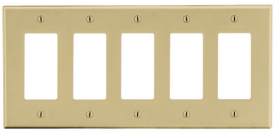
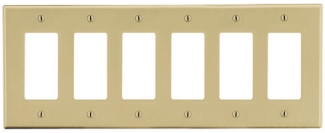
Gang	Height (H)	Width (W)	Depth (D)
1	4.75" (120.6)	3.00" (76.2)	.25" (6.35)
2	4.75" (120.6)	4.81" (122.2)	.25" (6.35)
3	4.75" (120.6)	6.62" (168.2)	.25" (6.35)
4	4.75" (120.6)	8.44" (214.3)	.25" (6.35)

Snap-On Cover Plate



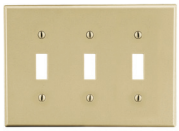
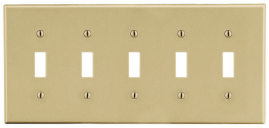
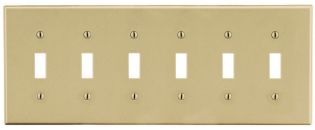
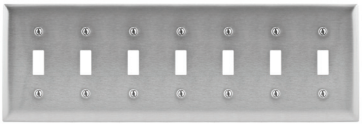
Specifications are subject to change without notice.

GFCI, USB, Surge Receptacles and Style Line® Device Wallplates

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Thermoplastic Jumbo	Material	Metal Catalog Number
1-Gang, 1-Decorator	Black	**P26BK**	**PJ26BK**	–	Aluminum	①
	Blue	–	**PJ26BL**	–	Brass	**SB26**
	Brown	**P26**	**PJ26**	–	Brass Plated	**SBP26**
	Gray	**P26GY**	**PJ26GY**	–	Chrome	**SCH26**
	Ivory	**P26I**	**PJ26I**	**NPJJ26I**	S/S 302/304	**SS26**
	Light Almond	**P26LA**	**PJ26LA**	**NPJJ26LA**	S/S 430	**SS26L**
	Red	**P26R**	**PJ26R**	–		
	White	**P26W**	**PJ26W**	**NPJJ26W**		
2-Gang, 2-Decorator	Black	**P262BK**	**PJ262BK**	–	Aluminum	①
	Brown	**P262**	**PJ262**	–	Brass	**SB262**
	Gray	**P262GY**	**PJ262GY**	–	Brass Plated	**SBP262**
	Ivory	**P262I**	**PJ262I**	–	Chrome	**SCH262**
	Light Almond	**P262LA**	**PJ262LA**	–	S/S 302/304	**SS262**
	Red	**P262R**	**PJ262R**	–	S/S 430	**SS262L**
	White	**P262W**	**PJ262W**	–		
3-Gang, 3-Decorator 	Black	**P263BK**	**PJ263BK**	–	Aluminum	①
	Brown	**P263**	**PJ263**	–	Brass	①
	Gray	**P263GY**	**PJ263GY**	–	Brass Plated	**SBP263**
	Ivory	**P263I**	**PJ263I**	–	Chrome	①
	Light Almond	**P263LA**	**PJ263LA**	–	S/S 302/304	**SS263**
	Red	**P263R**	–	–		
	White	**P263W**	**PJ263W**	–		
4-Gang, 4-Decorator 	Black	**P264BK**	–	–	Aluminum	①
	Brown	**P264**	–	–	Brass	①
	Gray	**P264GY**	–	–	Brass Plated	①
	Ivory	**P264I**	**PJ264I**	–	Chrome	①
	Light Almond	**P264LA**	**PJ264LA**	–	S/S 302/304	**SS264**
	White	**P264W**	**PJ264W**	–		
5-Gang, 5-Decorator 	Gray	**P265GY**	–	–	Aluminum	①
	Ivory	**P265I**	–	–	Brass	①
	Light Almond	**P265LA**	–	–	Brass Plated	①
	White	**P265W**	–	–	Chrome	①
					S/S 302/304	**SS265**
6-Gang, 6-Decorator 	Black	**P266BK**	–	–	Aluminum	①
	Brown	**P266**	–	–	Brass	①
	Gray	**P266GY**	–	–	Brass Plated	①
	Ivory	**P266I**	–	–	Chrome	①
	Light Almond	**P266LA**	–	–	S/S 302/304	**SS266**
	White	**P266W**	–	–		

Note: Thermoplastic wallplates feature pre-inserted captive screws for faster assembly in single gang configurations.
①Available as a custom wallplate, see pages Q-29 & Q-30. Consult custom wallplates section for additional openings and combinations.

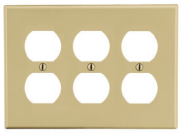
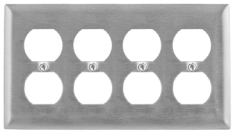
Toggle Switch Wallplates

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Thermoplastic Jumbo	Material	Metal Catalog Number
1-Gang, 1-Toggle	Black	**P1BK**	**PJ1BK**	**–**	Aluminum	**SA1**
	Brown	**P1**	**PJ1**	**–**	Brass	**SB1**
	Gray	**P1GY**	**PJ1GY**	**–**	Brass Plated	**SBP1**
	Ivory	**P1I**	**PJ1I**	**NPJJ1I**	Chrome	**SCH1**
	Light Almond	**P1LA**	**PJ1LA**	**NPJJ1LA**	S/S 302/304	**SS1**
	Red	**P1R**	**PJ1R**	**–**	S/S 430	**SS1L**
	White	**P1W**	**PJ1W**	**NPJJ1W**		
2-Gang, 2-Toggle	Black	**P2BK**	**–**	**–**	Aluminum	**SA2**
	Brown	**P2**	**PJ2**	**–**	Brass	**SB2**
	Gray	**P2GY**	**PJ2GY**	**–**	Brass Plated	**SBP2**
	Ivory	**P2I**	**PJ2I**	**NPJJ2I**	Chrome	**SCH2**
	Light Almond	**P2LA**	**PJ2LA**	**NPJJ2LA**	S/S 302/304	**SS2**
	Red	**P2R**	**–**	**–**	S/S 430	**SS2L**
	White	**P2W**	**PJ2W**	**NPJJ2W**		
3-Gang, 3-Toggle 	Black	**P3BK**	**–**	**–**	Aluminum	①
	Brown	**P3**	**–**	**–**	Brass	**SB3**
	Gray	**P3GY**	**PJ3GY**	**–**	Brass Plated	**–**
	Ivory	**P3I**	**PJ3I**	**–**	Chrome	**SCH3**
	Light Almond	**P3LA**	**PJ3LA**	**–**	S/S 302/304	**SS3**
	Red	**–**	**PJ3R**	**–**	S/S 430	**SS3L**
	White	**P3W**	**PJ3W**	**–**		
4-Gang, 4-Toggle	Black	**P4BK**	**–**	**–**	Aluminum	①
	Brown	**P4**	**–**	**–**	Brass	**SB4**
	Gray	**P4GY**	**–**	**–**	Brass Plated	**–**
	Ivory	**P4I**	**PJ4I**	**–**	Chrome	①
	Light Almond	**P4LA**	**PJ4LA**	**–**	S/S 302/304	**SS4**
	White	**P4W**	**PJ4W**	**–**	S/S 430	**–**
5-Gang, 5-Toggle 	Gray	**P5GY**	**–**	**–**	Aluminum	①
	Ivory	**P5I**	**–**	**–**	Brass	**SB5**
	Light Almond	**P5LA**	**–**	**–**	Brass Plated	①
	White	**P5W**	**–**	**–**	Chrome	①
					S/S 302/304	**SS5**
					S/S 430	**–**
6-Gang, 6-Toggle 	Gray	**P6GY**	**–**	**–**	Aluminum	①
	Ivory	**P6I**	**–**	**–**	Brass	**SB6**
	Light Almond	**P6LA**	**–**	**–**	Brass Plated	①
	White	**P6W**	**–**	**–**	Chrome	①
					S/S 302/304	**SS6**
					S/S 430	**–**
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					Aluminum	**–**
					Brass	**–**
					Brass Plated	**–**
					Chrome	**–**
					S/S 302/304	**SS740**

Note: Thermoplastic wallplates feature pre-inserted captive screws for faster assembly in single gang configurations.
①Available as a custom wallplate, see pages Q-29 & Q-30. Consult custom wallplates section for additional openings and combinations.

Duplex and Single Receptacle Wallplates

Duplex Receptacle Wallplates

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Thermoplastic Jumbo	Material	Metal Catalog Number
1-Gang, 1-Duplex	Black	**P8BK**	**PJ8BK**	–	Aluminum	**SA8**
	Blue	–	**PJ8BL**	–	Brass	**SB8**
	Brown	**P8**	**PJ8**	–	Brass Plated	**SBP8**
	Gray	**P8GY**	**PJ8GY**	–	Chrome	**SCH8**
	Ivory	**P8I**	**PJ8I**	**NPJJ8I**	S/S 302/304	**SS8**
	Light Almond	**P8LA**	**PJ8LA**	**NPJJ8LA**	S/S 430	**SS8L**
	Orange	**P8OR**	–	–		
	Red	**P8R**	**PJ8R**	–		
	White	**P8W**	**PJ8W**	**NPJJ8W**		
2-Gang, 2-Duplex	Black	**P82BK**	**PJ82BK**	–	Aluminum	**SA82**
	Brown	**P82**	–	–	Brass	**SB82**
	Gray	**P82GY**	**PJ82GY**	–	Brass Plated	**SBP82**
	Ivory	**P82I**	**PJ82I**	–	Chrome	**SCH82**
	Light Almond	**P82LA**	**PJ82LA**	–	S/S 302/304	**SS82**
	Orange	**P82OR**	–	–	S/S 430	**SS82L**
	Red	**P82R**	**PJ82R**	–		
	White	**P82W**	**PJ82W**	–		
3-Gang, 3-Duplex 	Ivory	**P83I**	–	–	Aluminum	①
	White	**P83W**	–	–	Brass	①
					Brass Plated	①
					Chrome	①
					S/S 302/304	**SS83**
					S/S 430	–
4-Gang, 4-Duplex 					Aluminum	①
					Brass	①
					Brass Plated	①
					Chrome	①
					S/S 302/304	**SS84**
					S/S 430	–
2-Gang, 1-Duplex					Brass	–
					Brass Plated	–
					Chrome	–
					S/S 302/304	**SS748**
					S/S 430	–

Single 15/20A Straight Blade or 15A Locking Receptacle Wallplates

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Thermoplastic Jumbo	Material	Metal Catalog Number
1-Gang, 1-Single 1.40 in. (35.6) Dia. Hole	Black	**P7BK**	–	–	Aluminum	**SA7**
	Brown	**P7**	–	–	Brass	**SB7**
	Gray	**P7GY**	–	–	Brass Plated	**SBP7**
	Ivory	**P7I**	**PJ7I**	–	Chrome	**SCH7**
	Light Almond	**P7LA**	**PJ7LA**	–	S/S 302/304	**SS7**
	Red	**P7R**	–	–	S/S 430	**SS7L**
	White	**P7W**	**PJ7W**	–		
2-Gang, 1-Single 1.40 in. (35.6) Dia. Hole					Aluminum	–
					Brass	–
					Brass Plated	–
					Chrome	–
					S/S 302/304	**SS747**
					S/S 430	–
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**
					S/S 430	–

Note: Thermoplastic wallplates feature pre-inserted captive screws for faster assembly in single gang configurations.
①Available as a custom wallplate, see pages Q-29 & Q-30. Consult custom wallplates section for additional openings and combinations.

Single 20/30A Locking Receptacle Wallplates

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Material	Metal Catalog Number
1-Gang, 1-Single, 1.60 in. (40.6) Dia. Hole	Black	**P720BK**	–	Aluminum	–
	Brown	**P720**	–	Brass	**SB720**
	Gray	**P720GY**	–	Brass Plated	①
	Ivory	**P720I**	–	Chrome	①
	Red	**P720R**	–	S/S 302/304	**SS720**
	White	**P720W**	–		
1-Gang, 1-Single, 1.74 in. (44.2) Dia. Hole				Aluminum	–
				Brass	–
				Brass Plated	–
				Chrome	–
				S/S 302/304	**SS725**
2-Gang, 1-Single, 1.60 in. (40.6) Dia.Hole				Aluminum	–
				Brass	–
				Brass Plated	–
				Chrome	–
				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**

Single Receptacle Wallplates

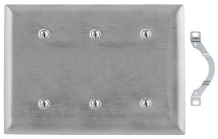
Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Material	Metal Catalog Number
1-Gang, 1-Single, 1.97 in. (50.0) Dia. Hole				Aluminum	–
				Brass	–
				Chrome	–
				S/S 302/304	**SS737**
1-Gang, 1-Single, 2.16 in. (54.9) Dia. Hole	Black	**P724BK**	**PJ724BK**	Aluminum	–
	Ivory	**P724I**	**PJ724I**	Brass	①
	White	**P724W**	**PJ724W**	Brass Plated	①
				Chrome	**SCH723**
				S/S 302/304	**SS723**
2-Gang, 1-Single, 2.16 in. (54.9) Dia. Hole				Aluminum	–
				Brass	–
				Chrome	–
				S/S 302/304	**SS702**
2-Gang, 1-Single, 2.16 in. (54.9) Dia. Hole	Black	**P703BK**	**PJ703BK**	Aluminum	–
	Ivory	**P703I**	**PJ703I**	Brass	–
	White	**P703W**	**PJ703W**	Brass Plated	–
				Chrome	–
				S/S 302/304	**SS703**
				S/S 430	**SS703L**
2-Gang, 1-Single, 2.48 in. (63.0) Dia. Hole				Aluminum	–
				Brass	–
				Chrome	–
				S/S 302/304	**SS701**
2-Gang, 1-Single, 2.66 in. (67.6) Dia. Hole				Aluminum	–
				Brass	–
				Chrome	–
				S/S 302/304	**SS716**

Note: Thermoplastic wallplates feature pre-inserted captive screws for faster assembly in single gang configurations.
①Available as a custom wallplate, see pages Q-29 & Q-30. Consult custom wallplates section for additional openings and combinations.

Blank Wallplates, Box Mount

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Thermoplastic Jumbo	Material	Metal Catalog Number
1-Gang, 1-Blank, Box Mount	Black	**P13BK**	**PJ13BK**	–	Aluminum	**SA13A**
	Brown	**P13**	**PJ13**	–	Brass	**SB13**
	Gray	**P13GY**	**PJ13GY**	–	Brass Plated	–
	Ivory	**P13I**	**PJ13I**	**NPJJ13I**	Chrome	**SCH13**
	Light Almond	**P13LA**	**PJ13LA**	**NPJJ13LA**	S/S 302/304	**SS13**
	White	**P13W**	**PJ13W**	**NPJJ13W**	S/S 430	**SS13L**
2-Gang, 2-Blank, Box Mount	Black	**P23BK**	–	–	Aluminum	**SA23**
	Brown	**P23**	**PJ23**	–	Brass	**SB23**
	Gray	**P23GY**	–	–	Brass Plated	①
	Ivory	**P23I**	**PJ23I**	–	Chrome	**SCH23**
	Light Almond	**P23LA**	**PJ23LA**	–	S/S 302/304	**SS23**
	White	**P23W**	**PJ23W**	–		
3-Gang, 3-Blank, Box Mount	Ivory	**P33I**	–	–	Aluminum	①
	White	**P33W**	–	–	Brass	①
					Brass Plated	①
					Chrome	①
					S/S 302/304	**SS33**
4-Gang, 4-Blank, Box Mount	Ivory	**P43I**	–	–	Aluminum	①
	White	**P43W**	–	–	Brass	①
					Brass Plated	①
					Chrome	①
					S/S 302/304	**SS43**

Blank Wallplates, Strap Mount

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Thermoplastic Jumbo	Material	Metal Catalog Number
1-Gang, 1-Blank, Strap Mount	Black	**P14BK**	–	–	Aluminum	①
	Brown	**P14**	–	–	Brass	**SB14**
	Gray	**P14GY**	–	–	Brass Plated	①
	Ivory	**P14I**	–	–	Chrome	①
	Light Almond	**P14LA**	–	–	S/S 302/304	**SS14**
	Red	**P14R**	–	–		
	White	**P14W**	–	–		
2-Gang, 2-Blank, Strap Mount	Black	**P24BK**	–	–	Aluminum	①
	Brown	**P24**	–	–	Brass	①
	Gray	**P24GY**	–	–	Brass Plated	①
	Ivory	**P24I**	–	–	Chrome	①
	Light Almond	**P24LA**	–	–	S/S 302/304	**SS24**
	Red	**P24R**	–	–		
	White	**P24W**	–	–		
3-Gang, 3-Blank, Strap Mount 					Aluminum	①
					Brass	①
					Brass Plated	①
					Chrome	①
					S/S 302/304	**SS34**

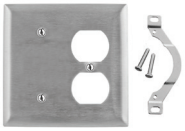
Note: Thermoplastic wallplates feature pre-inserted captive screws for faster assembly in single gang configurations.
①Available as a custom wallplate, see pages Q-29 & Q-30. Consult custom wallplates section for additional openings and combinations.

Combination Wallplates, 2-Gang

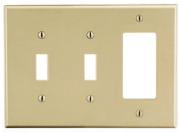
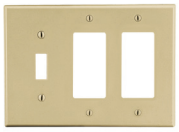
Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Material	Metal Catalog Number
2-Gang, 1-Toggle, 1-Duplex	Brown	**P18**	**–**	Aluminum	①
	Gray	**P18GY**	**PJ18GY**	Brass	**SB18**
	Ivory	**P18I**	**PJ18I**	Brass Plated	**–**
	Light Almond	**P18LA**	**PJ18LA**	Chrome	**SCH18**
	Red	**P18R**	**–**	S/S 302/304	**SS18**
	White	**P18W**	**PJ18W**		
2-Gang, 1-Duplex, 1-Decorator	Black	**P826BK**	**PJ826BK**	Aluminum	①
	Brown	**P826**	**PJ826**	Brass	**SB826**
	Gray	**P826GY**	**PJ826GY**	Brass Plated	①
	Ivory	**P826I**	**PJ826I**	Chrome	①
	Light Almond	**P826LA**	**PJ826LA**	S/S 302/304	**SS826**
	Red	**P826R**	**–**		
	White	**P826W**	**PJ826W**		
2-Gang, 1-Toggle, 1-Decorator	Black	**P126BK**	**–**	Aluminum	①
	Brown	**P126**	**PJ126**	Brass	**SB126**
	Gray	**P126GY**	**PJ126GY**	Brass Plated	**–**
	Ivory	**P126I**	**PJ126I**	Chrome	①
	Light Almond	**P126LA**	**PJ126LA**	S/S 302/304	**SS126**
	Red	**P126R**	**–**		
	White	**P126W**	**PJ126W**		
2-Gang, 1-Single Receptacle 1.40 in. (35.6) Hole, 1-Duplex	Ivory	**P78I**	**–**	Aluminum	①
	White	**P78W**	**–**	Brass	①
				Brass Plated	①
				Chrome	①
				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-Blank Box Mount	Brown	**–**	**PJ113**	Aluminum	①
	Gray	**P113GY**	**–**	Brass	①
	Ivory	**P113I**	**PJ113I**	Brass Plated	①
	Light Almond	**P113LA**	**–**	Chrome	①
	White	**P113W**	**PJ113W**	S/S 302/304	**SS113**
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-Decorator Box Mount	Black	**P1326BK**	**–**	Aluminum	①
	Gray	**P1326GY**	**–**	Brass	①
	Ivory	**P1326I**	**PJ1326I**	Brass Plated	①
	Light Almond	**P1326LA**	**PJ1326LA**	Chrome	①
	White	**P1326W**	**PJ1326W**	S/S 302/304	**SS1426***

Note: Thermoplastic wallplates feature pre-inserted captive screws for faster assembly in single gang configurations.
①Available as a custom wallplate, see pages Q-29 & Q-30. Consult custom wallplates section for additional openings and combinations..
**Strap Mount.*

Combination Wallplates, 2-Gang

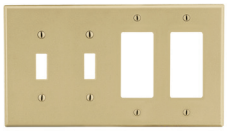
Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Material	Metal Catalog Number
2-Gang, 1-Blank, 1-Duplex Box Mount	Gray	**P138GY**	–	Aluminum	①
	Ivory	**P138I**	–	Brass	①
	Light Almond	**P138LA**	–	Brass Plated	①
	White	**P138W**	–	Chrome	①
				S/S 302/304	**SS138**
2-Gang, 1-Blank, 1-Duplex Strap Mount 				Aluminum	①
				Brass	①
				Brass Plated	①
				Chrome	①
				S/S 302/304	**SS148**

Combination Wallplates, 3-Gang

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Material	Metal Catalog Number
3-Gang, 2-Toggle, 1-Duplex	Brown	**P28**	–	Aluminum	①
	Gray	**P28GY**	–	Brass	①
	Ivory	**P28I**	**PJ28I**	Brass Plated	①
	Light Almond	**P28LA**	**PJ28LA**	Chrome	①
	White	**P28W**	**PJ28W**	S/S 302/304	①
3-Gang, 2-Toggle, 1-Decorator 	Black	**P226BK**	–	Aluminum	①
	Brown	**P226**	–	Brass	①
	Gray	**P226GY**	–	Brass Plated	①
	Ivory	**P226I**	**PJ226I**	Chrome	①
	Light Almond	**P226LA**	**PJ226LA**	S/S 302/304	**SS226**
	White	**P226W**	**PJ226W**		
3-Gang, 1-Toggle, 2-Decorator 	Ivory	**P1262I**	–	Aluminum	①
	Light Almond	**P1262LA**	–	Brass	①
	White	**P1262W**	–	Brass Plated	①
				Chrome	①
				S/S 302/304	①

Note: Thermoplastic wallplates feature pre-inserted captive screws for faster assembly in single gang configurations.
①Available as a custom wallplate, see pages Q-29 & Q-30. Consult custom wallplates section for additional openings and combinations.

Combination Wallplates, 4-Gang

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Material	Metal Catalog Number
4-Gang, 3-Toggle, 1-Decorator	Black	**P326BK**	–	Aluminum	①
	Brown	**P326**	–	Brass	①
	Gray	**P326GY**	–	Brass Plated	①
	Ivory	**P326I**	–	Chrome	①
	Light Almond	**P326LA**	–	S/S 302/304	**SS326**
	White	**P326W**	–		
4-Gang, 2-Toggle, 2-Decorator 	Ivory	**P2262I**	–	Aluminum	①
	Light Almond	**P2262LA**	–	Brass	①
	White	**P2262W**	–	Brass Plated	①
				Chrome	①
				S/S 302/304	①

Note: Thermoplastic wallplates feature pre-inserted captive screws for faster assembly in single gang configurations.
①Available as a custom wallplate, see pages Q-29 & Q-30. Consult custom wallplates section for additional openings and combinations.

Material Specifications

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.

Telephone and Coaxial Wallplates

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Material	Metal Catalog Number
1-Gang, 1-Tel Thermoplastic .406 in. (10.3) Hole, Metal .640 in. (16.3) Hole, Box Mount	Ivory Light Almond White	**P11I** **P11LA** **P11W**	**PJ11I** **PJ11LA** **PJ11W**	Aluminum Brass Brass Plated Chrome S/S 302/304	① ① ① ① **SS11***
1-Gang, 1-Tel Thermoplastic .406 in. (10.3) Hole, Metal .640 in. (16.3) Hole, Strap Mount				Aluminum Brass Brass Plated Chrome S/S 302/304	① – – – **SS12***
1-Gang, 1-Tel .625 in. (15.9) Hole, Box Mount	Ivory White	**P737I** **P737W**	– –	Aluminum Brass Brass Plated Chrome S/S 302/304	– – – – –
1-Gang, 1-Tel .380 in. (9.7) Hole, Box Mount				Aluminum Brass Brass Plated Chrome S/S 302/304	① ① ① ① **SS739**
1-Gang, 1-Tel .380 in. (9.7) Hole, Strap Mount				Aluminum Brass Brass Plated Chrome S/S 302/304,	① ① ① ① **SS738**

Note: Thermoplastic wallplates feature pre-inserted captive screws for faster assembly in single gang configurations.
①Available as a custom wallplate, see pages Q-29 & Q-30. Consult custom wallplates section for additional openings and combinations..
** .50" (12.7) I.D. nylon bushing provided.*

Louver Wallplate, 1-Gang, Box Mount

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Material	Metal Catalog Number
1-Gang, Vertical Mounted Louver				Aluminum Brass Brass Plated Chrome S/S 302/304 S/S 430	① – – ① **SS771** –

*Note: *See page Q-28 for mid-size wallplate dimensions.*
①Available as a custom wallplate, see pages Q-29 & Q-30. Consult custom wallplates section for additional openings and combinations.

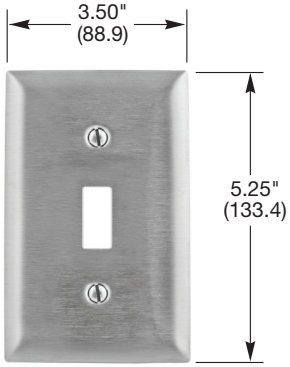
Jumbo Stainless Steel Wallplates

Jumbo, Smooth, Stainless Steel Type 302/304 Wallplates

Configuration	Catalog Number	Configuration	Catalog Number
1-Gang, 1-Toggle	**SSJ1**	2-Gang, 2-Toggle	**SSJ2**
1-Gang, 1-Duplex	**SSJ8**	2-Gang, 2-Duplex	**SSJ82**
1-Gang, 1-Decorator	**SSJ26**	2-Gang, 2-Decorator	**SSJ262**
1-Gang, 1-Single Receptacle for 1.36–1.39 in. (34.5–35.3) dia. face	**SSJ7**	2-Gang, 1-Toggle, 1-Duplex	**SSJ18**
1-Gang, 1-Single Receptacle for 2.09–2.13 in. (53.1–54.1) dia. face	**SSJ723**	2-Gang, 1-Toggle, 1-Decorator	**SSJ126**
1-Gang, 1-Blank, box mount	**SSJ13**	2-Gang, 2-Blank, box mount	**SSJ23**
1-Gang, 1-Telephone opening, 0.640 in. (16.3) box mount	**SSJ11***		

*Note: *.50 in. (12.7) I.D. nylon bushing provided.*
Specifications are subject to change without notice.

Oversize dimensions (see page Q-28 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).



Jumbo Wallplate

Pre-Marked "EMERGENCY" Wallplates

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Material	Metal Catalog Number
1-Gang, 1-Duplex, paint filled white lettering	Red	–	**PJ8RMEV**	Aluminum	–
				Brass	–
				Brass Plated	–
				Chrome	–
				S/S 302/304	**SS8MEV**
1-Gang, 1-Toggle, paint filled white lettering	Red	–	**PJ1RME**	Aluminum	–
				Brass	–
				Brass Plated	–
				Chrome	–
				S/S 302/304	**SS1ME**
2-Gang, 2 Duplex, paint filled red lettering				Aluminum	–
				Brass	–
				Brass Plated	–
				Chrome	–
				S/S 302/304	**SS82MEV**

Note: See page Q-28 for wallplate dimensions.
All lettering .25 in. (6.3) high.

Pre-Marked "ISOLATED GROUND" Wallplates

Description	Color	Thermoplastic Standard	Thermoplastic Mid-Size	Material	Metal Catalog Number
1-Gang, 1-Duplex, paint filled black	Orange	**P8OIG**	–	Aluminum	–
				Brass	–
				Brass Plated	–
				Chrome	–
				S/S 302/304	–
				S/S 430	–
1-Gang, 1-Decorator, paint filled black	Orange	**P26OIG**	–	Aluminum	–
				Brass	–
				Brass Plated	–
				Chrome	–
				S/S 302/304	–
				S/S 430	–
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	**P7OIG**	–	Aluminum	–
				Brass	–
				Brass Plated	–
				Chrome	–
				S/S 302/304	–
				S/S 430	–
1-Gang, 1-Single Receptacle 1.60 in. (40.6) Hole for 20 and 30A locking receptacles with 1.55–1.58 in. (39.4–40.1) Dia. face, paint filled black	Orange	**P720OIG**	–	Aluminum	–
				Brass	–
				Brass Plated	–
				Chrome	–
				S/S 302/304	–
				S/S 430	–

Stainless Steel Barrel Key Switch Wallplates

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**

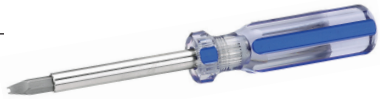
Note: See page D-3 for barrel key switch selection.

Single Count Screws and Accessories

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**

HBL7341SS

HBL7342RKL



HBL7372RKL

Specifications are subject to change without notice.

Oil and Gas Burner Emergency Wallplates 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)	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
Brown	**RA756**	**–**	**–**
Black	**–**	**NS620BK**	**–**
Gray	**–**	**NS620GY**	**–**
Ivory	**RA756I**	**NS620I**	**NS621I**
Light Almond	**–**	**NS620LA**	**NS621LA**
White	**RA756W**	**NS620W**	**NS621W**

Material	Mounting Strap, with Screws	Brass Plated Screw, Standard Slot, 0.38 in. (9.7) long
Steel	**RA40**	**–**
Brass	**–**	**HBL7341**

Tamperproof Wallplate 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.*

7420B

23007

7770

7774CR

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**

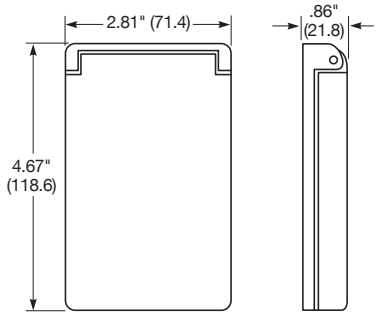
1-Gang Non-Metallic Cover, Vertical Mount for Flanged Devices

Description	Catalog Number
Yellow fiberglass weatherproof plate with lift lid for 50 amp locking receptacles, fits F.S. and F.D. boxes	**7774CR**

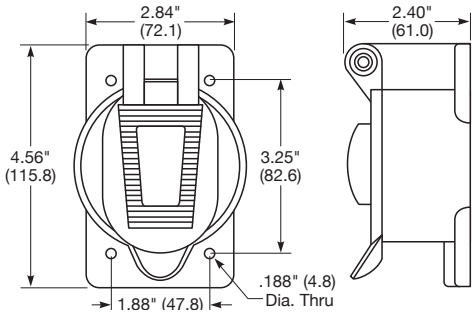
Catalog Number for Receptacles in Groups Inches (mm)

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***

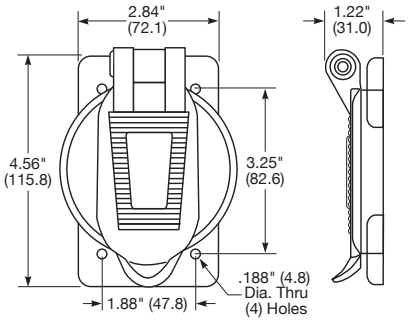
*Note: *cULus Listed only, not CSA Certified.*

Use with Flanged Inlets and Flanged Receptacles Listed Below

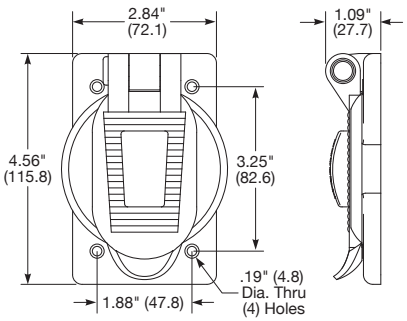
Catalog Number	Use with flanged inlets and flanged receptacles listed below							
WPC1	**4716MB**	**4715ER**	**70615MB**	**70615ER**	**4786MB**	**4785ER**	**7556MB**	**7557ER**
	8808	**8809**						
WPC2	**70520MB**	**70520ER**	**70620MB**	**70620ER**	**70720MB**	**70720ER**	**70820MB**	**70820ER**
	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

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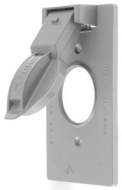
NEMA® is a registered trademark of The National Electrical Manufacturers Association.

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**

RW51470


RW51550

RW51040

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**

RW51810

RW51520

RW51020

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**

RW51320

RW51330

RW51380

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.*

Metallic While-In-Use Weatherproof Covers

Features and Benefits

Weatherproof Metallic While-In-Use Covers

The NEMA 3R Rated EXTRA DUTY® Metallic and Non-metallic While-in-Use Covers offer weather protection for outlets when they are in use.

- Patented keyhole mounting system allows installation in under a minute
- Pre-configured for GFCI with patented technology for alternate devices
- Lockable tab for OSHA compliance
- Sealed-in-place gasket
- Premium powder coat
- External cord retention chamber
- Each box contains three or six adapters to make a variety of configurations (8 or 55)

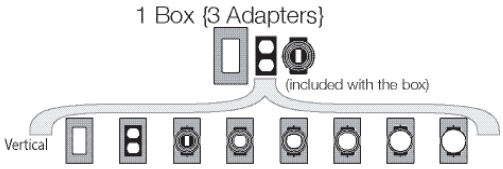
WP26E

WP26EH

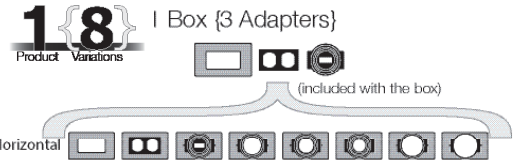
WP262E

Metallic EXTRA DUTY® While-In-Use Covers

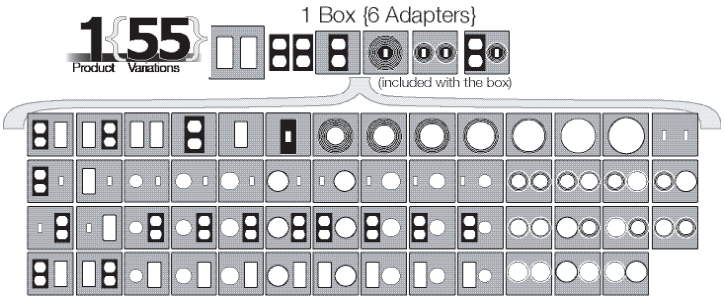
Description		Dimensions Height x Width x Depth	Catalog Number
Heavy duty die-cast aluminum 1-gang box with gray lid for vertical mounting offers superior commercial quality 8-in-1 configurations.	1 Product {8} Variations	6.12" X 3.37" X 3.5" (155.4 X 85.6 X 89.0)	**WP26E**
Heavy duty die-cast metal 1-gang box with gray lid for horizontal mounting; 8-in-1 configurations.	1 Product {8} Variations	4.37" X 5.12" X 3.5" 111.0 X 130.0 X 89.0)	**WP26EH**
Heavy duty die-cast metal 2-gang box with gray lid for vertical mounting; 55-in-1 configurations.	1 Product {55} Variations	6.12" X 5.12" X 3.5" (155.4 X 130.0 X 89.0)	**WP262E**



8 Configurations

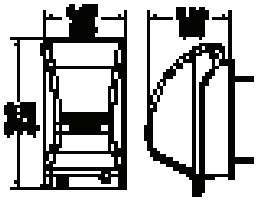


8 Configurations

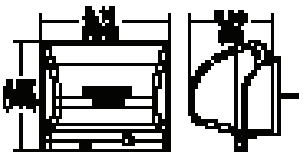


55 Configurations

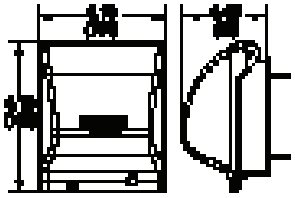
Metallic Cover Dimensions



WP26E



WP26EH



WP262E

Dimensions in Inches (mm)

Specifications are subject to change without notice.

Non-Metallic While-In-Use Weatherproof Covers

Features and Benefits

Weatherproof Non-Metallic While-In-Use Covers

The NEMA 3R Rated EXTRA DUTY® Metallic and Non-metallic While-in-Use Covers offer weather protection for outlets when they are in use.

- Patented keyhole mounting system allows installation in under a minute
- Pre-configured for GFCI with patented technology for alternate devices
- Lockable tab for OSHA compliance
- Sealed-in-place gasket
- High-impact polycarbonate construction provides maximum durability
- Each box contains three or six adapters to make a variety of configurations (16 or 55)

Non-Metallic While-In-Use Covers

Description		Dimensions Height x Width x Depth	Standard	EXTRA DUTY®
Standard 1-gang box with clear tinted cover, for horizontal or vertical mounting; 16-in-1 configurations.	1 Product 16 Variations	5.90" X 4.18" X 2.75" (149.8 X 106.1 X 69.9)	**RW57300**	**RW58300**
Extra deep 1-gang box with clear tinted cover, for horizontal or vertical mounting; 16-in-1 configurations.	1 Product 16 Variations	5.92" X 4.20" X 4.75" (150.4 X 106.7 X 120.7)	**RW57350**	**RW58350**
Standard 2-gang box, clear tinted cover, for vertical mounting only; 55-in-1 configurations.	1 Product 55 Variations	5.54" X 5.43" X 2.75" (140.7 X 138.0 X 69.9)	**RW57750**	**RW58750**

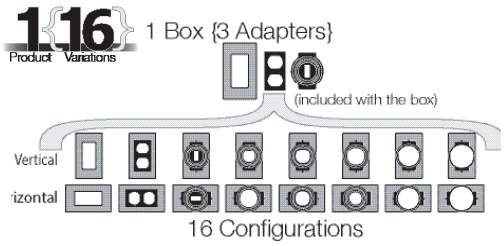
RW57300

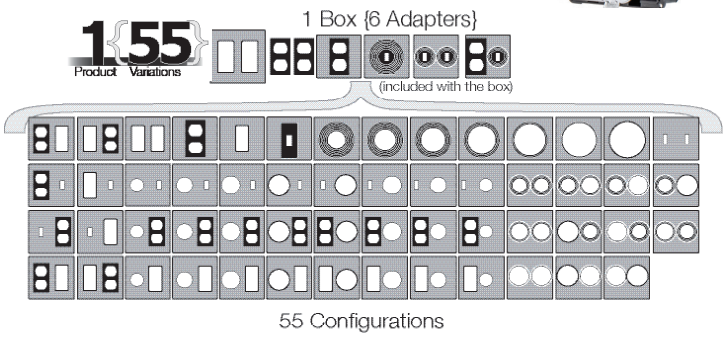
RW58300

RW57350

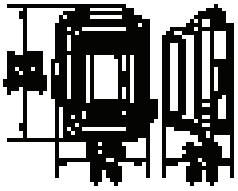
RW58350

RW58750

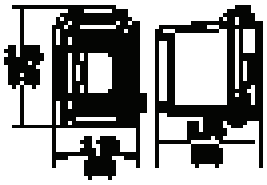




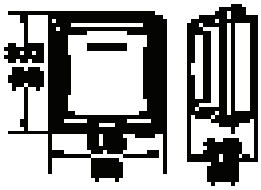
Non-Metallic Cover Dimensions



RW58300



RW58350



RW58750

Dimensions in Inches (mm)

Pre-Marked Wallplates

Features and Benefits

Weatherproof Non-Metallic Recessed While-In-Use Extra Duty Covers

Hubbell has added a unique solution to our weatherproof, non-metallic device cover line up with the Recessed In-Use Extra Duty rated Cover. This is a great alternative for locations to meet the NEC code when space and aesthetics are important.

- Aesthetically pleasing flat profile
- Meets the Extra Duty rating
- Versatility, it can be installed for new or old work
- Compatibility with all common siding types and materials: vinyl, wood, stucco and brick/block
- Mounted horizontally or vertically
- Includes an electrical box and optional siding flange
- Compatibility with duplex, GFCI and single receptacles (receptacle not included)
- cULus listed product and NEC and NEMA 3R compliant
- Colors available clear cover with gray, white or bronze back housing

RW5420CW

Non-Metallic EXTRA DUTY® While-In-Use Covers

Description	Color	Catalog Number
1-Gang Weatherproof Extra Duty Recessed While-In-Use Cover	Clear/Gray	**RW5420CG**
	Clear/White	**RW5420CW**
	Clear/Bronze	**RW5420CZ**

Weatherproof Heavy Cast Aluminum Lockable Cover

Made of heavy cast aluminum that provides high strength. Suitable for industrial and comercial applications.

- Flush enclosure, cover has mounting plate, fits standard 4 inch or 4 11/16 inch electrical box
- Adapter plates for GFCI, duplex, single receptacles or switch
- Rated NEMA 3R
- cULus listed

WP4600

Weatherproof Heavy Cast Aluminum Lockable Cover

Description	Color	Catalog Number
1-Gang weatherproof 4 in 1 flush enclosure heavy cast aluminum lockable cover.	Aluminum	**WP4600**

Specifications are subject to change without notice.

Features and Benefits

Stainless Steel Weatherproof Flip Covers

Stainless steel weatherproof flip covers are suitable for use in applications where corrosion and sanitation are vital concerns. Heavy duty 316 stainless steel provides an excellent finish and superior corrosion resistance in all applications. Models listed are typically used in indoor/outdoor applications such as, food/chemical processing, pharmaceutical and water treatment facilities.

- Manufactured in heavy duty 316 stainless steel for increased corrosion resistance
- Polished finish for a clean aesthetic appearance
- Smooth surfaces to allow ease of cleaning
- Horizontal and vertical mounting positions
- Duplex and GFCI versions
- UL Type 3R:
  - Rain-tight and sleet (Ice) resistant
  - Self-closing lid
- UL Type 4X:
  - Watertight, dust-tight and corrosion resistant for wash-down application
  - Latching cover

Industries Commonly Served

- Food and Beverage Production and Distribution
- Chemical Plants
- Water and Wastewater Treatment
- Pharmaceuticals and Cosmetics
- Refining and Extraction Sites
- Petrochemical Operations
- Marine and Coastal Facilities
- Pulp and Paper Mills
- Along with other corrosive environments

1-Gang Stainless Steel Weatherproof Flip Covers for Vertical/Horizontal Mounting

Description	Catalog Number
1 Gang, Stainless Steel Duplex Cover, 3R	**HBLSS83R**
1 Gang, Stainless Steel GFCI Cover, 3R	**HBLSS263R**
1 Gang, Stainless Steel Duplex Cover, 4X	**HBLSS84X**
1 Gang, Stainless Steel GFCI Cover, 4X	**HBLSS264X**

HBLSS83R

HBLSS263R

HBLSS84X

HBLSS264X

Specifications

Cover	Stainless Steel
Base	Stainless Steel
Hinge Pin	Stainless Steel
Spring	Stainless Steel
Base Gasket	Elastomer
Cover Gasket	Elastomer
Back Gasket	Eva Form
Ground Screw	Steel, Zinc Plated
Mounting Screw	Stainless Steel

Product Dimensions

Catalog Number	Height	Width	Depth	Opening
HBLSS83R	3.04" (77.2)	4.85" (123.2)	.88" (22.4)	2.62" (66.5)
HBLSS263R	3.04" (77.2)	4.85" (123.2)	.88" (22.4)	2.76" (70.0)
HBLSS84X	3.04" (77.2)	4.85" (123.2)	.88" (22.4)	2.62" (66.5)
HBLSS264X	3.04" (77.2)	4.85" (123.2)	.88" (22.4)	2.76" (70.0)

Dimensions in Inches (mm)

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)

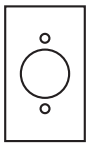
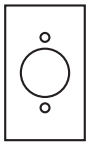
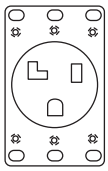
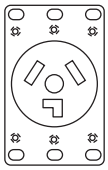
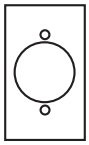
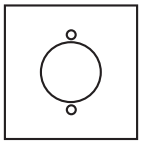
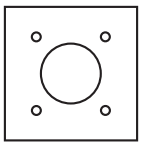
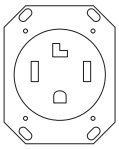
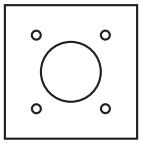
- Extra deep weatherproof box gives installers the room needed to wire the box efficiently
- State-of-the-art powder-coated finish provides years of protection against the elements
- Includes hardware, gasket and ground screw are provided
- Male inlet is securely mounted to the cover for additional durability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

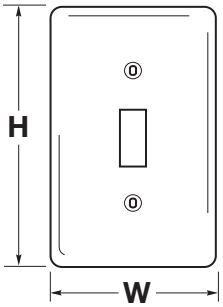
*Note: *Includes mounting hardware, gasket, ground screw, (2) closure plugs for the ¾ inch threaded outlets and assembly instructions.*

Wallplate Selection Chart for Single Receptacles Inches (mm)

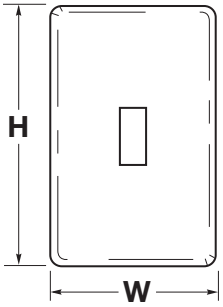
Typical Receptacle		Matching Wallplate		Stainless Steel 302/304	Stainless Steel 430	Solid Brass	Hi-Impact Nylon	
							Ivory	Brown
15 or 20 amp straight blade devices	15 amp locking devices		1-Gang, single receptacle 1.40 in. (35.6) I.D. opening	**SS7**	**SS7L**	**SB7**	**P7I**	**P7***
	20 or 30 amp locking devices 3-wire, 4-wire or 5-wire		1-Gang, single receptacle 1.60 in. (40.6) I.D. opening	**SS720**	**–**	**SB720**	**P720I**	**P720***
 	30 or 50 amp 3-wire power outlets		1-Gang, power outlet 2.15 in. (54.6) I.D. opening	**SS723**	**SS723L**	**–**	**P724I**	**P724***
			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**	**–**	**P703I**	**P703***
	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 Q-7 and Q-8.*

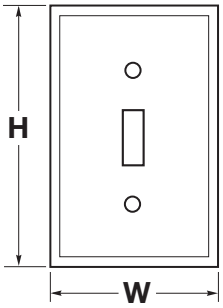
Wallplate Dimensions



	Thermoplastic					
	Standard		Mid-Size		Jumbo-Size	
Size	Height	Width	Height	Width	Height	Width
1-Gang	4.63" (117.6)	2.88" (73.2)	4.94" (125.3)	3.15" (80.0)	5.25" (133.4)	3.50" (88.9)
2-Gang	4.63" (117.6)	4.69" (119.1)	4.94" (125.3)	5.00" (126.9)	5.25" (133.4)	5.31" (134.9)
3-Gang	4.63" (117.6)	6.50" (165.1)	4.88" (123.8)	6.75" (171.5)		
4-Gang	4.63" (117.6)	8.31" (211.1)	4.88" (123.8)	8.56" (217.4)		
5-Gang	4.63" (117.6)	10.12" (257.1)				
6-Gang	4.63" (117.6)	11.94" (303.1)				



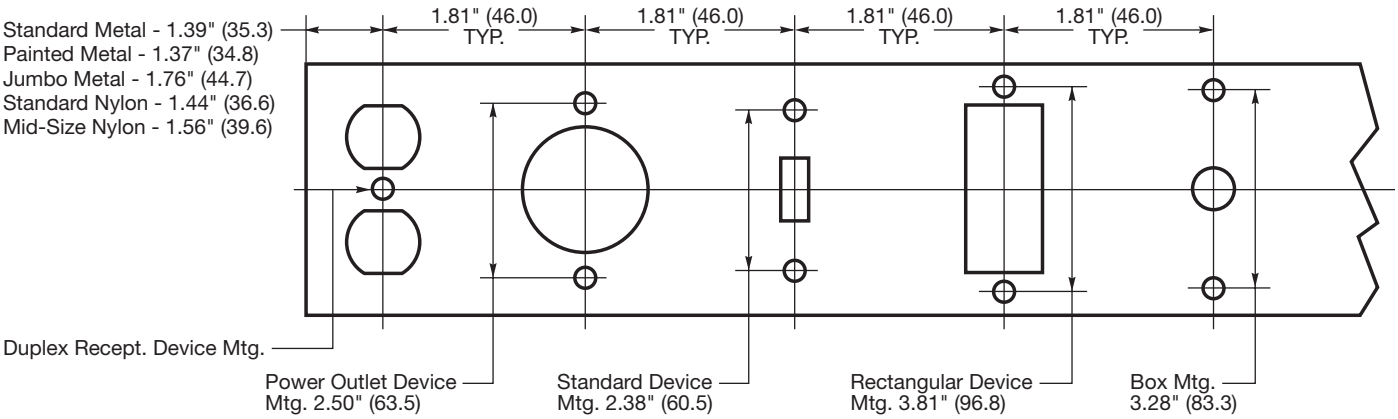
	Snap-On Thermoplastic		
Size	Height	Width	Depth
1-Gang	4.75" (120.6)	3.00" (76.2)	.25" (6.35)
2-Gang	4.75" (120.6)	4.81" (122.2)	.25" (6.35)
3-Gang	4.75" (120.6)	6.62" (168.2)	.25" (6.35)
4-Gang	4.75" (120.6)	8.44" (214.3)	.25" (6.35)



	Standard Metal		Painted Metal		Jumbo Metal	
Size	Height	Width	Height	Width	Height	Width
1-Gang	4.50" (114.3)	2.87" (72.9)	4.50" (114.3)	2.75" (69.8)	5.25" (133.4)	3.50" (88.9)
2-Gang	4.50" (114.3)	4.60" (116.8)	4.50" (114.3)	4.56" (115.8)	5.25" (133.4)	5.31" (134.9)
3-Gang	4.50" (114.3)	6.41" (162.8)	4.50" (114.3)	6.38" (162.1)		
4-Gang	4.50" (114.3)	8.22" (208.8)	4.50" (114.3)	8.18" (207.8)		
5-Gang	4.50" (114.3)	10.03" (254.8)	4.50" (114.3)	10.00" (254.0)		
6-Gang	4.50" (114.3)	11.81" (300.0)	4.50" (114.3)	11.81" (300.0)		
7-Gang	4.50" (114.3)	13.68" (347.5)				
8-Gang	4.50" (114.3)	15.44" (392.1)				

Wallplate Openings and Mounting Dimensions

#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.

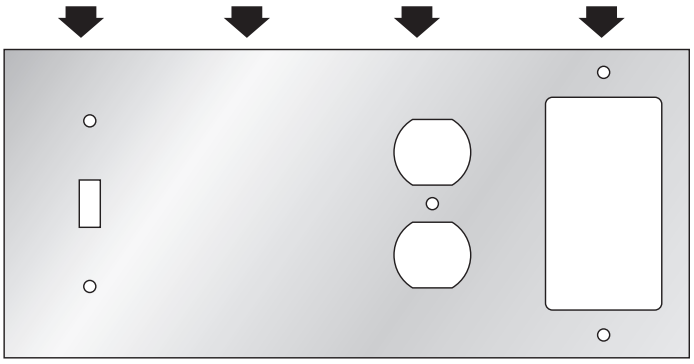
Step 3: Select the custom metal wallplate configuration.

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 Q-30. 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.

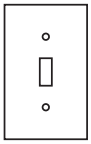
Item No.	Catalog Number	Quantity	Code	Position 1	Position 2	Position 3	Position 4
1	**BWCSS4**		**B***	**001**	**149**	**008**	**026**
2							

*Note: *BWC are preprinted on the distributor order form.*
♦ Number to use for pricing.

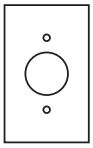
The 3-digit numbers listed in the Sample Order Form above (001, 149, etc.) represent the configuration for the custom metal wallplate selected on the right. See Configuration Chart and Bryant Configuration Selector Guide on page Q-30 for additional configuration choices.



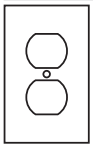
Configuration Chart Inches (mm)



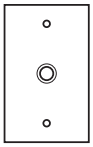
001
Switch.



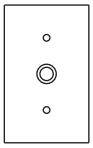
007
Single Receptacle.
1.40" ID (35.6) Hole.



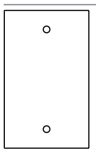
008
Duplex Receptacle.



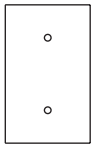
011
1-gang .635" ID (16.1)
Hole Box Mounted with
.50" ID (12.7) Nylon Bushing.



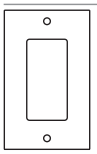
012
1-gang .635" ID (16.1) Hole Strap Mounted
incl. Strap with .50" ID (12.7) Nylon Bushing.



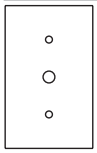
013
Blank Box Mounted.



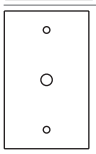
014
Blank Strap Mounted
incl. Strap.



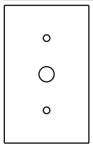
026
Rectangular Opening.



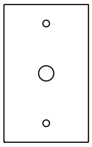
055
1-gang .375" ID (9.5) Hole
Strap Mounted incl. Strap.



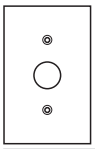
056
1-gang .375" ID (9.5) Hole
Box Mounted.



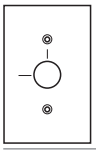
057
1-gang .50" ID (12.7) Hole
Strap Mounted incl. Strap.



058
1-gang .50" ID
(12.7) Hole Box Mounted.

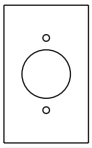


078
Barrel Key Switch.

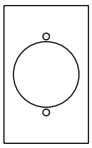


079
Barrel Key Switch with
hash marks.

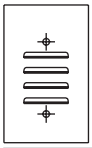
080
Barrel Key Switch with
ON/OFF and hash marks.



091
Single Receptacle.
1.60" ID
(40.5) Hole.



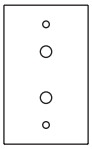
098
Single Receptacle.
2.16" ID (54.7) Hole.



135
Vertical Mounted Louver.

149
Totally Blank
(no mounting holes).

Coax/Twinax and Modular Jack Openings



456
.375" (9.5) Dia.
Round Box Mounted.

458
.500" (12.7) Dia.
Round Box Mounted.

411
.635" (16.1) Dia.
Round Box Mounted.

Note: For detailed dimensions of the above configurations, contact Technical Service at btechserv@bryant.com.
Available in brushed metal, standard size only up to and including 8-gang type.

Section R

Network Wiring

Table of Contents Page

In-Wall AV Delivery R-2
HDMI Products R-2
Network Enclosures R-3
Network Modules R-4
AV Modules R-5
Patch Panels and Patch Cords R-6
Accessories R-7
Connectivity R-8
Video and Audio Keystone Connections R-9
AV Keystone Connections R-10
Frames and Plates R-11
Molded-In Voice/Data/Video Frames R-12
Molded-In Plates R-13
Telephone Jacks R-14
Modular Connectors R-15
Modular Face Plate Frames and Modules R-16
Modules and Frames R-17
AV 110 Everywhere™ Analog AV Over UTP R-18
Termination Tools R-19
Standard UTP Wiring Conventions R-20

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

FPTV Connection Enclosure Inches (mm)

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Catalog Number
2-gang in-wall enclosure	7.92" (201)	8.16" (207)	3.37" (86)	**NSAV62M**
4-gang in-wall enclosure	7.92" (201)	14.80" (376)	3.37" (86)	**NSAV124M**
Steel cover for NSAV62M	7.2" (183)	7.2" (183)	0.05" (1)	**NSAV6C**
Steel cover for NSAV124M	7.2" (183)	13.80" (351)	0.05" (1)	**NSAV12C**
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**

HDMI Frames

Description	Color	1-Gang, 1-Port	1-Gang, 2-Port
HDMI, decorator frame, female to female	Black	**NS801BK**	**NS802BK**
	Gray	**NS801GY**	**NS802GY**
	Ivory	**NS801I**	**NS802I**
	Light Almond	**NS801LA**	**NS802LA**
	White	**NS801W**	**NS802W**

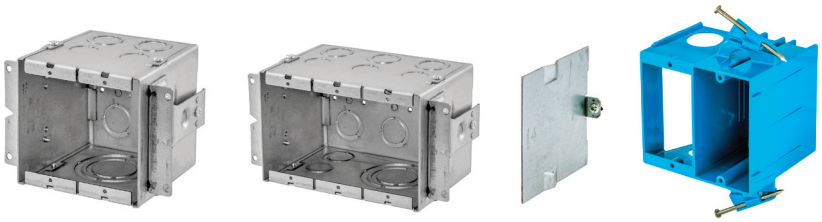
Recessed Receptacles

	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.*



Two and Three Gangable AV Wallboxes Inches (mm)

Box	Dimensions Height	Width	Depth	Top Knockouts	Bottom Knockouts	Back Knockouts	Catalog Number
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

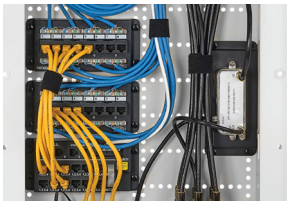
Compatible With	Description	Quantity	Catalog Number
HBL985 and HBL986	Solid divider	1	**HBL989**
	With pass-thru capability	1	**HBL989AVD**

Specifications are subject to change without notice.

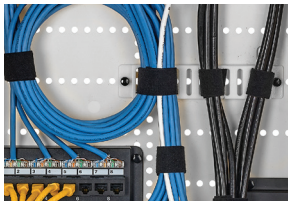
Flexibility
Hinged door can be mounted to swing from either side.

Specifications

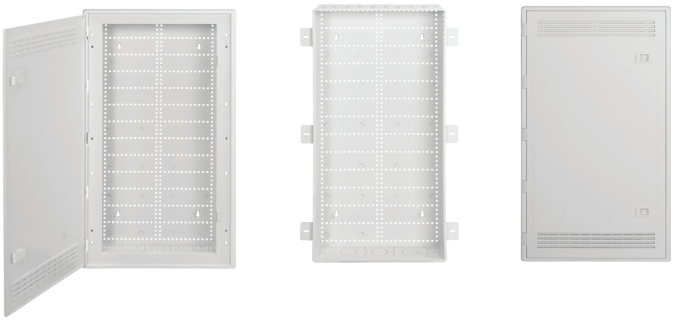
- Material: high-impact thermoplastic to minimize WiFi degradation
- Finish: white, satin finish
- UL and cULus Listed



Options
Horizontal and vertical module mounting holes for maximum flexibility.

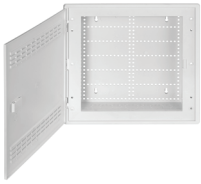


Installation
Additional nylon push pins provided to assist module mounting.



14-Inch Network Enclosure

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Module Unit Capacity	Catalog Number
With hinged vented door	16.2" (412)	17.5" (445)	4.35" (111)	5	**NSOBXP14**
14” height box only	13.5" (343)	17.1" (434)	3.95" (100)	5	**NSOBXP14B**
Hinged vented door	16.2" (412)	17.5" (445)	0.4" (10)	–	**NSOBXP14D**



28-Inch Network Enclosure

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Module Unit Capacity	Catalog Number
With hinged vented door	30" (762)	17.5" (445)	4.35" (111)	11	**NSOBXP28**
28” height box only	27.7" (704)	17.1" (434)	3.95" (100)	11	**NSOBXP28B**
Hinged vented door	30" (762)	17.5" (445)	0.4" (10)	–	**NSOBXP28D**

42-Inch Network Enclosure

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Module Unit Capacity	Catalog Number
With hinged vented door	45.1" (1146)	17.5" (445)	4.35" (111)	16	**NSOBXP42**
42” height box only	42.6" (1082)	17.1" (434)	3.95" (100)	16	**NSOBXP42B**
Hinged vented door	45.1" (1146)	17.5" (445)	0.4" (10)	–	**NSOBXP42D**

Network Modules

netSELECT®

- 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

Combination Modules

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

Description	Units	Catalog Number	
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) Category 5e 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 tomorrow's 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**	

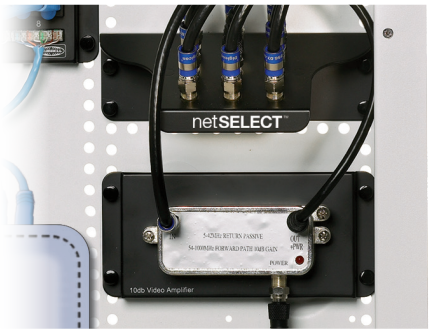
Multi-Provider Patchable Telcom Module

Description	Units	Catalog Number	
12-port telephone module distributes 4 incoming lines out to 12 locations through RJ-45 jacks; allows data lines to be converted to voice with the move of a patch cord; RJ31X interface jack is included for security system connection	1	**NSOMTM12**	

Specifications are subject to change without notice.

AV Modules

netSELECT®



- 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

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 V9)	1	**NSOAM8**

Blank Module Bracket

Description	Units	Catalog Number
Allows mounting of active components (i.e. switches, routers) or other devices onto a modular platform; (2) VELCRO® brand fasteners included to mount components onto module; pre-mounted push pins snap the module quickly into place; 2-pack	1	**NSOBM2**

VELCRO® is a registered trademark of Velcro Industries B.V.

Specifications

- TIA 568-C.2 Category 5e/6 component compliant
- cULus Listed

Jack Panels

Ports	Category	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Type	Catalog Number
24	–	1.72” (44)	19.00” (483)	1.24” (31)	Jack Panel	**NSPJ24**
48	–	3.47” (88)	19.00” (483)	1.21” (31)	Jack Panel	**NSPJ48**

NSC Patch Cords

Specifications

- Conductor: 24AWG UTP
- Jacket: Flame-Retardant PVC-CM Rated
- Plug Body: Polycarbonate UL 94V-0

NSC Patch Cords, Category 6

	Color							
Length (ft)	Black	Blue	Gray	Green	Orange	Purple	Red	White
1’	**NSC6BK01**	**NSC6B01**	**NSC6GY01**	**NSC6GN01**	**NSC6OR01**	**NSC6P01**	**NSC6R01**	**NSC6W01**
3’	**NSC6BK03**	**NSC6B03**	**NSC6GY03**	**NSC6GN03**	**NSC6OR03**	**NSC6P03**	**NSC6R03**	**NSC6W03**
5’	**NSC6BK05**	**NSC6B05**	**NSC6GY05**	**NSC6GN05**	**NSC6OR05**	**NSC6P05**	**NSC6R05**	**NSC6W05**
7’	**NSC6BK07**	**NSC6B07**	**NSC6GY07**	**NSC6GN07**	**NSC6OR07**	**NSC6P07**	**NSC6R07**	**NSC6W07**
10’	**NSC6BK10**	**NSC6B10**	**NSC6GY10**	**NSC6GN10**	**NSC6OR10**	**NSC6P10**	**NSC6R10**	**NSC6W10**
15’	**NSC6BK15**	**NSC6B15**	**NSC6GY15**	**NSC6GN15**	**NSC6OR15**	**NSC6P15**	**NSC6R15**	**NSC6W15**

NSC Patch Cords, Category 5e

	Color							
Length (ft)	Black	Blue	Gray	Green	Orange	Purple	Red	White
1’	**NSC5EBK01**	**NSC5EB01**	**NSC5EGY01**	**NSC5EGN01**	**NSC5EOR01**	**NSC5EP01**	**NSC5ER01**	**NSC5EW01**
3’	**NSC5EBK03**	**NSC5EB03**	**NSC5EGY03**	**NSC5EGN03**	**NSC5EOR03**	**NSC5EP03**	**NSC5ER03**	**NSC5EW03**
5’	**NSC5EBK05**	**NSC5EB05**	**NSC5EGY05**	**NSC5EGN05**	**NSC5EOR05**	**NSC5EP05**	**NSC5ER05**	**NSC5EW05**
7’	**NSC5EBK07**	**NSC5EB07**	**NSC5EGY07**	**NSC5EGN07**	**NSC5EOR07**	**NSC5EP07**	**NSC5ER07**	**NSC5EW07**
10’	**NSC5EBK10**	**NSC5EB10**	**NSC5EGY10**	**NSC5EGN10**	**NSC5EOR10**	**NSC5EP10**	**NSC5ER10**	**NSC5EW10**
15’	**NSC5EBK15**	**NSC5EB15**	**NSC5EGY15**	**NSC5EGN15**	**NSC5EOR15**	**NSC5EP15**	**NSC5ER15**	**NSC5EW15**

Note: Additional lengths available; contact Customer Service for details

Specifications are subject to change without notice.

- 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

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® type 5-15R, 240 joules/15,000A protection; per mode; electrical steel box and wallplate	**NSOKPS***

Panel Bracket Adapter

Description	Catalog Number
For use with adapter panels shown below and FSP series modules on pages G9–G11; snap mounts into structured cabling enclosures	**NSOFSB**

Lock Kit

Description	Catalog Number
Chromed steel; includes two keys; eliminates unwanted tampering	**FLOCK1****

F-Connector Adapter Panel

Description	Catalog Number
F-connector adapter panel with six populated coaxial connectors	**FSPFP6X**

Standard Power Kit

Description	Catalog Number
Includes duplex receptacle 15A 125V; NEMA® type 5-15R electrical steel box and wallplate	**NSOKPTR***

Keystone Adapter Panel

Description	Catalog Number
Features six blank openings for jacks and snap fits	**FSPHD6X**

Cable Management Clip

Description	Catalog Number
Accepts 14" or smaller cable ties; 5-pck	**NSOBXCLIP**

**Kits comprised of UL listed components*
***Not UL or cULus Listed*
NEMA is a registered trademark of the National Electrical Manufacturers Association.

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

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**

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**	–	–

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**

HDMI Non-Active Horizontal Patch Cords

Black, Non-Plenum, #24 AWG, HDMI 4K

Length (ft)	HDMI Device Patch Cords	Length (ft)	In-Wall Cords, (Male with Screw to Male with Screw)
3	**HDPC03BK**	10	**HDH10BK**
6	**HDPC06BK**	15	**HDH15BK**
		20	**HDH20BK**
		25	**HDH25BK**
		30	**HDH30BK**

Note: See page R-12 for modules and frames.

Specifications are subject to change without notice.

F-Type Connectors

Pass-Thru, F/F Coupler

	Nickel	Gold			
Color	2GHz	3GHz	2GHz	Recessed	RCA to F-Connector
Black	**SFFBX**	**SFF3GBK**	**SFFGBK**	**SFGRFBK**	**SFRFGBK**
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
Black	**SFBB10**	**SFSBBK10**
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**

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
Black	**SF35SJBK**	**SF35STBK**	**SF35FFBK**	**SF35GFFBK**
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	
Black	**SF14SJBK**
Ivory	**SF14SJEI**
Gray	**SF14SJGY**
Office White	**SF14SJOW**
White	**SF14SJW**

Speaker Post Connectors

Screw Termination, Gold

Color	Black	Red
Black	**SFSPGBKBK**	**SFSPGRBK**
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.

RCA Connectors, Solder Termination

	Insulator Color						
Housing Color	Black	Blue	Green	Orange	Red	White	Yellow
Black	**SFRCBKBK**	**SFRCBBK**	**SFRCGNBK**	**SFRCORBK**	**SFRCRBK**	**SFRCWBK**	**SFRCYBK**
Ivory	**SFRCBKEI**	**SFRCBEI**	**SFRCGNEI**	**SFRCOREI**	**SFRCREI**	**SFRCWEI**	**SFRCYEI**
Gray	**SFRCBKGY**	**SFRCBGY**	**SFRCGNGY**	**SFRCORGY**	**SFRCRGY**	**SFRCWGY**	**SFRCYGY**
Office White	**–**	**SFRCBOW**	**SFRCGNOW**	**SFRCOROW**	**SFRCROW**	**SFRCWOW**	**SFRCYOW**
White	**SFRCBKW**	**SFRCBW**	**SFRCGNW**	**SFRCORW**	**SFRCRW**	**SFRCWW**	**SFRCYW**

RCA Connectors, Pass-Thru, Recessed

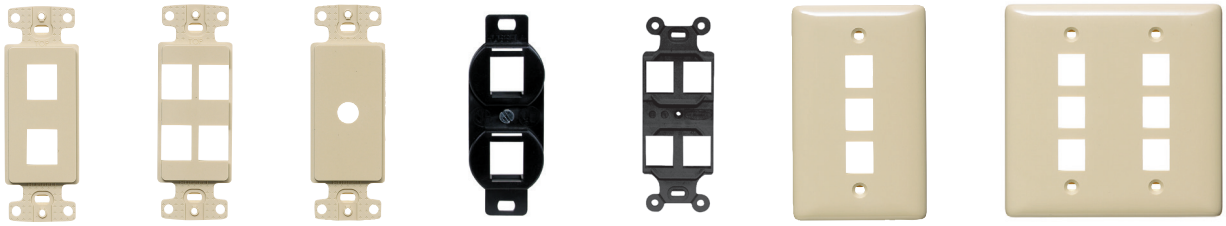
	Insulator Color						
Housing Color	Black	Blue	Green	Orange	Red	White	Yellow
Black	**SFRCBKRBK**	**SFRCBRBK**	**SFRCGNRBK**	**SFRCORRBK**	**SFRCRRBK**	**SFRCWRBK**	**SFRCYRBK**
Ivory	**SFRCBKREI**	**SFRCBREI**	**SFRCGNREI**	**SFRCORREI**	**SFRCRREI**	**SFRCWREI**	**SFRCYREI**
Gray	**SFRCBKRGY**	**SFRCBRGY**	**SFRCGNRGY**	**SFRCORRGY**	**SFRCRRGY**	**SFRCWRGY**	**SFRCYRGY**
Office White	**SFRCBKROW**	**SFRCBROW**	**SFRCGNROW**	**SFRCORROW**	**SFRCRROW**	**SFRCWROW**	**SFRCYROW**
White	**SFRCBKRW**	**SFRCBRW**	**SFRCGNRW**	**SFRCORRW**	**SFRCRRW**	**SFRCWRW**	**SFRCYRW**

RCA Connectors, Pass-Thru, Gold, Female to Female Coupler

	Insulator Color						
Housing Color	Black	Blue	Green	Orange	Red	White	Yellow
Black	**SFRCBKFFBK**	**SFRCBFFBK**	**SFRCGNFFBK**	**SFRCORFFBK**	**SFRCRFFBK**	**SFRCWFFBK**	**SFRCYFFBK**
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**

Specifications are subject to change without notice.

- 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



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

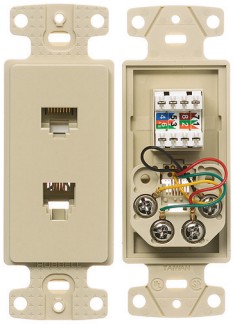
Color	4-Port	6-Port
Black	**NSP24BK**	**NSP26BK**
Gray	**NSP24GY**	**NSP26GY**
Ivory	**NSP24I**	**NSP26I**
Light Almond	**NSP24LA**	**NSP26LA**
White	**NSP24W**	**NSP26W**

Duplex 106 Outlet Frames

Color	2-Port	4-Port
Black	**BR106B**	**Q106B**
Ivory	**BR106E**	**Q106E**
Gray	**BR106G**	**Q106G**
Office White	**BR106C**	**Q106O**
White	**BR106W**	**Q106W**

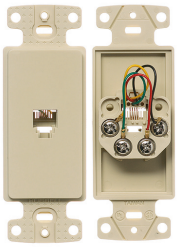
Molded-In Voice/Data/Video Frames

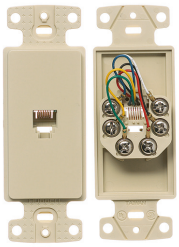
netSELECT®

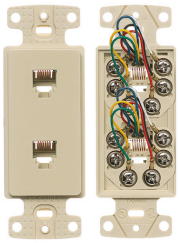


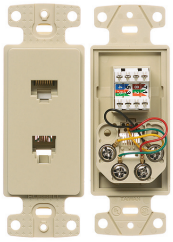
- Frames offer voice, Category 5e and Coaxial video in different configurations
- High impact-resistant thermoplastic frame
- Convenient screw down terminals
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

Molded-In Voice Data Decorator Frames



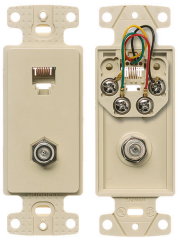






Description	One RJ11 Jack, 6-Position, 4-Conductor	One RJ11 Jack, 6-Position, 6-Conductor	Duplex RJ11 Jacks, 6-Position, 6-Conductor	Two Jack Voice Data Frame: RJ11 Jack, 6-Position, 4-Conductor / Category 5e, 8-Position, 8-Conductor
Color	Screw Terminations	Screw Terminations	Screw Terminations	Screw 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**

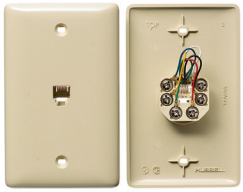
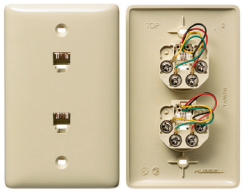
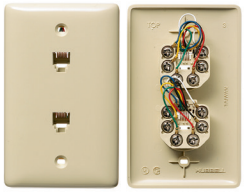
Specifications are subject to change without notice.

Molded-In Plates

netSELECT®

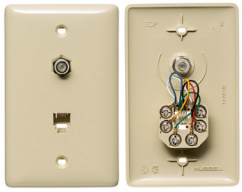
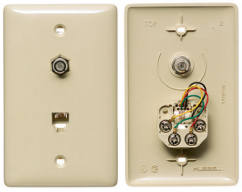
- Provide economical alternative to wall phone outlet placement
- High impact-resistant thermoplastic plate
- Convenient screw down terminals
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

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

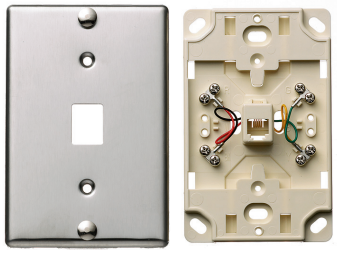



Description	One RJ11 Jack, 6-Position, 6-Conductor, One F-Type Coupler Bulkhead, Female to Female		One RJ11 Jack, 6-Position, 4-Conductor, One F-Type Coupler Bulkhead, Female to Female	One F-Type Coupler Bulkhead, Female to Female		Duplex F-Type Coupler Bulkhead, Female to Female
Color	Standard	Mid-Size	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**

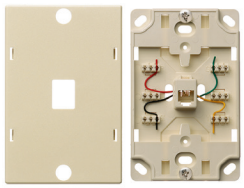
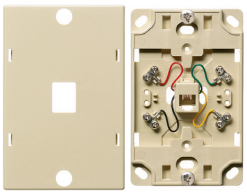
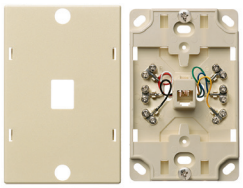
Telephone Jacks

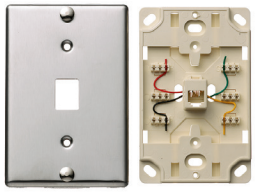
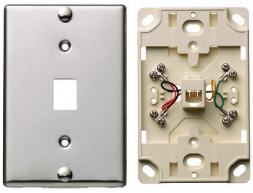
netSELECT®

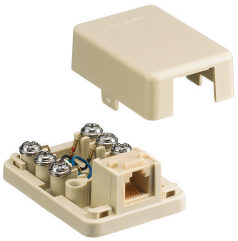


- Available in high impact-resistant thermoplastic or stainless steel
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

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**



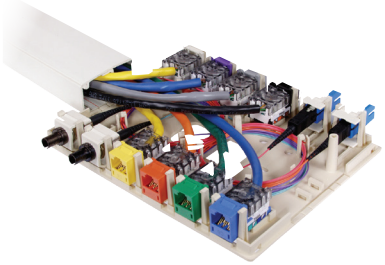
- High impact-resistant thermoplastic
- Mounts using screws or double sided tape (both included)
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

Telephone Surface Mount Jacks

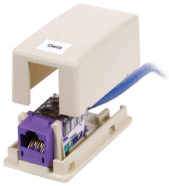
Description	Telephone Surface Mount Jack, 6-Position, 4-Conductor, Screw Terminations	Telephone Surface Mount Jack, 6-Position, 6-Conductor, Screw Terminations	Multimedia 1-Port Surface Mount Box, Jack Not Included	Multimedia 2-Port Surface Mount Box, Jacks Not Included
Ivory	**NS760I**	**NS761I**	**HSB1EI***	**HSB2EI***
White	**NS760W**	**NS761W**	**HSB1W***	**HSB2W***

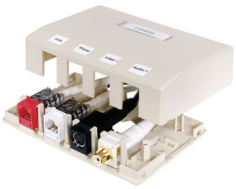
*Note: *cULus Listed 1863 - Communication Circuit Accessory.*
See page R-8 for snap fit jacks.

Specifications are subject to change without notice.



- Low-profile design
- Accepts XJ jacks, audio video and fiber connectors
- Provided with double-sided tape and mounting screws for easy installation
- Constructed with a high-impact resistant, flame-retardant polymer





HISB Surface Mount Boxes

Color	1-Port	2-Port	4-Port	6-Port	12-Port
Black	**HSB1BK**	**HSB2BK**	**HSB4BK**	**HSB6BK**	**HSB12BK**
Ivory	**HSB1EI**	**HSB2EI**	**HSB4EI**	**HSB6EI**	**HSB12EI**
Gray	**HSB1GY**	**HSB2GY**	**HSB4GY**	**HSB6GY**	**HSB12GY**
Office White	**HSB1OW**	**HSB2OW**	**HSB4OW**	**HSB6OW**	**HSB12OW**
White	**HSB1W**	**HSB2W**	**HSB4W**	**HSB6W**	**HSB12W**

- 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

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**

Modular Face Plate Frames and Modules

netSELECT®

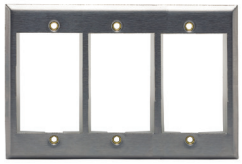
iSTATION
Multi-Service Frame

- 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**
Ivory	**IMFP1D1EI**	**IMFP1D2EI**	**IMFP1D3EI**	**IMFP2D2EI**
Gray	**IMFP1D1GY**	**IMFP1D2GY**	**IMFP1D3GY**	**IMFP2D2GY**
Office White	**IMFP1D1OW**	**IMFP1D2OW**	**IMFP1D3OW**	**IMFP2D2OW**
White	**IMFP1D1W**	**IMFP1D2W**	**IMFP1D3W**	**IMFP2D2W**



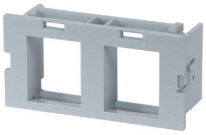
iSTATION Modular Face Plate Frames

Single-Service, Low Voltage

Color	1-Gang	2-Gang	3-Gang	4-Gang
Black	**IMF1BK**	**IMF2BK**	**IMF3BK**	**IMF4BK**
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**



Delivery Bezels and Modules

Color	Raceway Bezel	iSTATION Bezel for Third-Party Raceway	Furniture Boxes
Black	–	–	**HBLIMFBK**
Ivory	–	–	**HBLIMFI**
Gray	**KPIMBZGY**	**HWAPLGY**	**HBLIMFGY**
Office White	**KPIMBZOW**	**HWAPLOW**	–
White	–	**HWAPLW**	**HBLIMFWA**

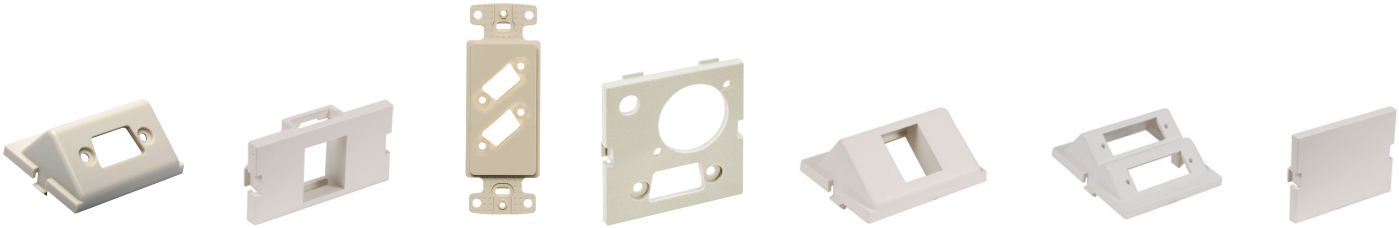
Third-Party Raceway Modules

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.



Blank HD15/9-Pin or HDMI Modules

	1 Unit	1.5 Unit		2 Unit
Color	HD15/9-Pin or HDMI	Angled, HD15/9-Pin or HDMI	HD15/9-Pin or HDMI with 3.5mm Stereo Jack*	HD15/9-Pin or HDMI with 3.5mm SJ+AV Conn
Black	**IMBDS1BK**	**IMBDSA15BK**	**IMB15315BK**	**IMB153X2BK**
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
1 Duplex	2 Duplex
IM1SCA15BK	**IM2SCA2BK**
IM1SCA15EI	**IM2SCA2EI**
IM1SCA15GY	**IM2SCA2GY**
IM1SCA15OW	**IM2SCA2OW**
IM1SCA15W	**IM2SCA2W**

Blank HD15/9-Pin or HDMI Frames

Color	1-Port	Recessed, 1-Port	2-Port
Black	**ISFB15BK**	**ISFBR15BK**	**ISFB215BK**
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**
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**

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**

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.

AV 110 Everywhere™ Analog AV Over UTP

netSELECT®

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**
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**
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**
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**

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**
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**
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.

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**

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.

8 Position / 8 Wire

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

8 Position / 8 Wire

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

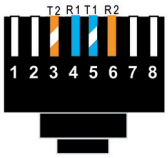
Local area network (LAN) standards designed to operate over UTP specify pin/pair assignments on modular connectors for various signal transmission protocols. While T568A and T568B conventions support all these designations, there are some cases where the user chooses to cable only the number of pairs required to support these applications.

8 Position / 4 Wire

10/100BASE-T

- 10 Mbps Ethernet over UTP
- Uses only two pairs
- 100 Mbps Ethernet

8 Position / 4 Wire



Token Ring

- 4/16 Mbps token ring over copper
- Uses only two pairs

8 Position / 4 Wire

TP-PMD

- 100 Mbps FDDI over copper
- Uses only two pairs

8 Position / 8 Wire

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.

6 Position / 6 Wire

USOC RJ25

6 Position / 2 Wire

USOC RJ11

Color Coding

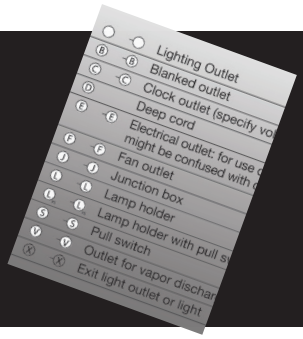
TIP		RING	
Pair 1	T1 – White/Blue	Pair 1	R1 – Blue
Pair 2	T2 – White/Orange	Pair 2	R2 – Orange
Pair 3	T3 – White/Green	Pair 3	R3 – Green
Pair 4	T4 – White/Brown	Pair 4	R4 – Brown

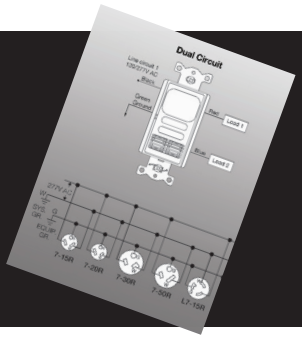
Specifications are subject to change without notice.

Section S
Technical Information

Table of Contents | Page

Codes and Standards Organizations S-2
Certification Agencies and Markings S-3
Wiring Device Standards and Testing S-4
RoHS, TR, WR and IP Meanings S-6
Architectural Symbols For Electrical Wiring Devices S-7
Materials Commonly Used in Wiring Devices and Horsepower Ratings Table S-8
AC Switch and Horsepower Ratings S-9
Dimmer – Ganging and Derating S-10
Switches Wiring Diagrams S-11
Wiring Diagrams S-12
Network Cabling Requirements S-16





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
5261IWR
5261RED
5261REDWR
5261W
5261WR
5261WWR
5342
5342BLK
5342GRY
5342I
5342RED
5342W
5351
5351AL
5351BLK
5351I
5352
5352AL
5352BLK
5352BU
5352GRY
5352I
5352RED
5352W
5361
5361BLK
5361BLKWR
5361GRY
5361GRYWR
5361I
5361IWR
5361RED
5361REDWR
5361W
5361WR
5361WWR
5364B
5364BY
5366N
5369B
5369BY
5461
5461BLK
5461GRY
5461I
5461RED
5461W
5464B
5469B
5642
5642I
5661
5661BLK
5661GRY
5661I
5661RED
5661W
5666B
5669B
70520FR
70520FRCR
70520MB
70520NC
70520NCCR
70520NP
70520NP
70530FR
70530FRCR
70530MB
70530MBWP
70530NC
70530NCB
70530NCCR
70530NP
70530NPB
70530NPC
70615DR
70615DRIG
70615ER
70615FR
70615MB
70620ER
70620FR
70620MB
70620NC
70620NP
70620NPCR
70630ER
70630FR
70630NC
70630NP
70720ER
70720FR
70720MB
70720NC
70720NP
70730FR
70730NP
71020ER
71020FR
71020NP
71420ER
71420FR
71420MB
71420NC
71420NP
71430ER
71430FR
71430MB
71430MBWP
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71520ER
71520FR
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71520NC
71520NP
71530ER
71530FR
71530MB
71530MBWP
71530NC
71530NP
71620NC
71620NP
71630NC
71630NP
71820NC
71820NP
72120ER
72120FR
72120MB
72120NC
72120NCB
72120NP
72120NPB
72120NPC
72130ER
72130FR
72130NC
72130NP
72330FR
8210
8210GRY
8210GRYWR
8210I
8210IWR
8210RED
8210REDWR
8210W
8210WR
8210WWR
8266T
8269T
8295T
8310
8310GRYWR
8310I
8310IWR
8310RED
8310REDWR
8310WR
8310WWR
8366T
8366TSP
8369T
8395T
8410BRN
8410W
8466N
8466TSP
8495T
8666TSP
8695T
9200GRY
9200GRYL
9200I
9200IG
9200IGGRY
9200IGI
9200IGRED
9200IGW
9200RED
9200W
9300GRY
9300I
9300IL
9300RED
BRY5262
BRY5262BCR
BRY5262BLK
BRY5262BLKWR
BRY5262BU
BRY5262BUWR
BRY5262CR
BRY5262GRY
BRY5262GRYWR
BRY5262I
BRY5262IWR
BRY5262RED
BRY5262REDWR
BRY5262W
BRY5262WR
BRY5262WWR
BRY5266NP
BRY5266NPB
BRY5266NPCR
BRY5266NPOR
BRY5266NPSY
BRY5269NC
BRY5269NCCR
BRY5269NCSY
BRY5362
BRY5362BLK
BRY5362BLKWR
BRY5362BU
BRY5362BUWR
BRY5362CR
BRY5362GRY
BRY5362GRYWR
BRY5362I
BRY5362IWR
BRY5362RED
BRY5362REDWR
BRY5362W
BRY5362WR
BRY5362WWR
BRY5366NP
BRY5366NPCR
BRY5366NPSY
BRY5369NC
BRY5369NCCR
BRY5369NCSY
BRY5382
BRY5462
BRY5462BLK
BRY5462CR
BRY5462GRY
BRY5462I
BRY5462RED
BRY5462W
BRY5466NP
BRY5466NPSY
BRY5469NC
BRY5469NCSY
BRY5662
BRY5662BLK
BRY5662CR
BRY5662GRY
BRY5662I
BRY5662RED
BRY5662W
BRY5666NP
BRY5666NPSY
BRY5669NC
BRY8200
BRY8200ALTR
BRY8200GRY
BRY8200GRYL
BRY8200GRYWR
BRY8200GTR
BRY8200I
BRY8200ITR
BRY8200IWR
BRY8200RED
BRY8200REDL
BRY8200REDWR
BRY8200RTR
BRY8200TR
BRY8200W
BRY8200WL
BRY8200WR
BRY8200WTR
BRY8200WWR
BRY8266NP
BRY8266NPB
BRY8269NC
BRY8300
BRY8300ALTR
BRY8300GRY
BRY8300GRYWR
BRY8300GTR
BRY8300I
BRY8300IG
BRY8300ITR
BRY8300IWR
BRY8300RED
BRY8300REDWR
BRY8300RTR
BRY8300TR
BRY8300W
BRY8300WR
BRY8300WWR
BRY8366NP
BRY8369NC
BRY8466NP
BRY8469NC
FSL1NC
FSL1NP
FSL2NC
FSL2NP
FSL3NC
FSL3NP
FSL4NC
FSL4NP
QT5262
QT5262AL
QT5262BLK
QT5262GY
QT5262I
QT5262LA
QT5262R
QT5262W
QT5362
QT5362AL
QT5362BLK
QT5362GY
QT5362I
QT5362LA
QT5362R
QT5362W
QT8200
QT8200AL
QT8200BK
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					
® c ® **	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				
c ® US **	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				
UL LISTED SP ® US	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				
SP ® c UL	Products found with this mark are certified primarily for the Canadian market.		X			
c UL US c SP ® US	Products intended for US and Canada.	X	X			
UL • 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		
SP ® • 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	
F UL S 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
F UL S 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.

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

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.

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

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.
$_{a,b,c,etc}$ $_{sa,b,c,etc}$	

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
G	Generator
M	Motor
I	Instrument
T	Power transformer (or draw to scale)
	Controller
	Isolating switch

Auxiliary Systems

	Push Button		Buzzer
	Bell		Annunciator
	Outside telephone		
	Interconnecting telephone		
	Telephone switchboard		
T	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.		

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.

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.

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".

AC Switch and Horsepower Ratings

Prior to 1950, Underwriters Laboratories, Inc. listed only AC/DC general use switches. These switches were designed with oveS-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, oveS-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:

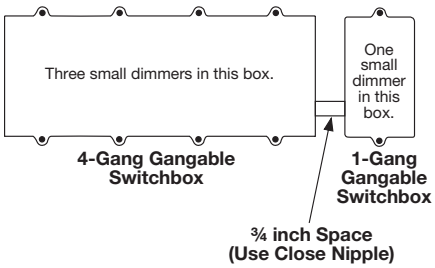
	For 3/4 HP 120 Volts AC	For 3/4 HP 240 Volts AC
Closed Circuit Volts	120 Volts AC	240 Volts AC
Current	82.8 Amps	41.4 Amps
PoweS-Factor	0.40-0.50	0.40-0.50

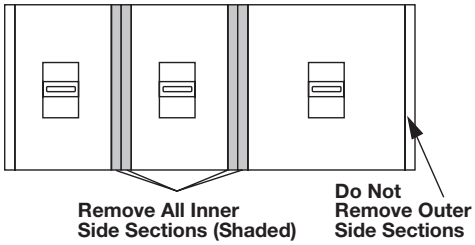
Note: Current at 240V AC is 1/2 that at 120V AC.

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).

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

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

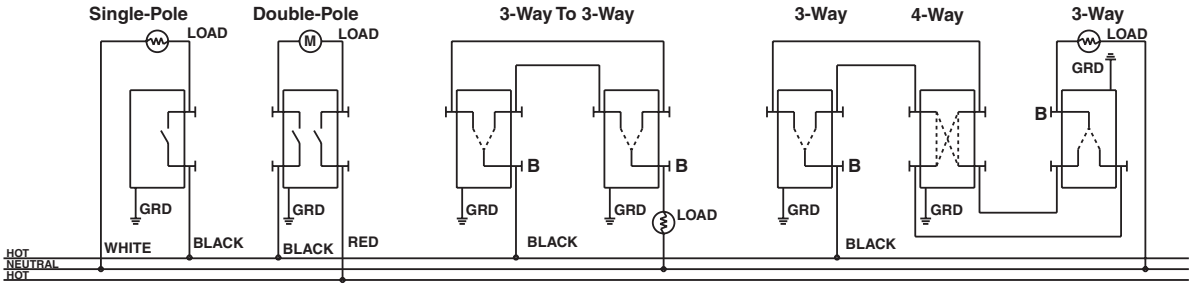
Switchboxes Required: Side sections removed

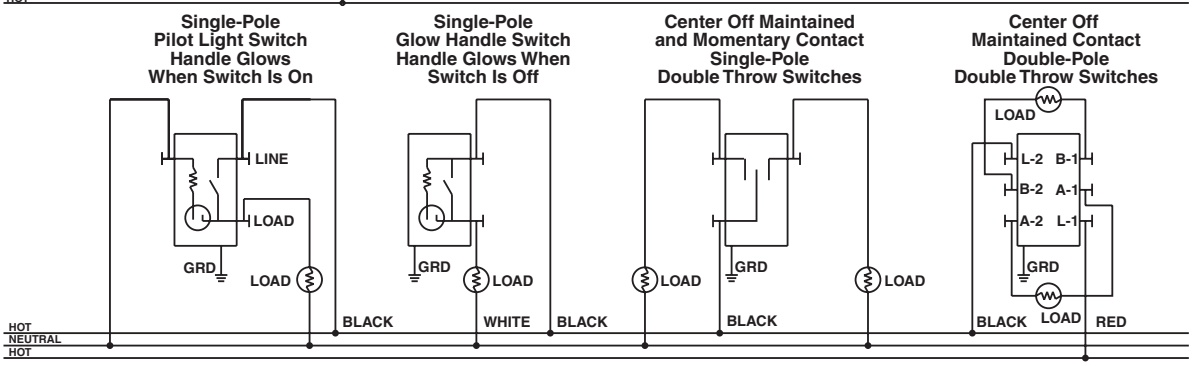
Derating Chart

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

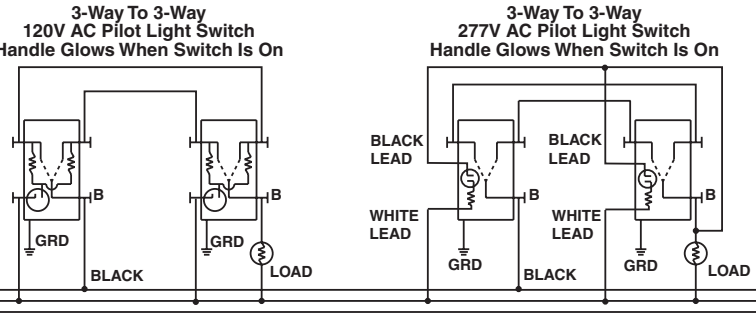
Switches Wiring Diagrams

AC Switches





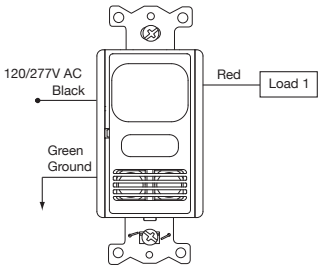
The handles of the two 3-way 120V AC pilot light switches will glow in both open and closed position when the load is disconnected.



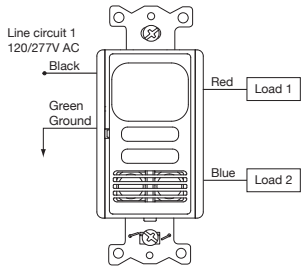
277V AC pilot light switches require a third "runner" wire between the two switches. These pilot light switches operate on either 120 or 277V AC.

Wiring Schematic MSD and MSU Series Wall Switch Sensors

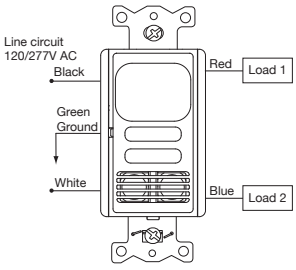
Single Circuit Wiring



Dual Circuit Sensor, Wired for Dual Circuits

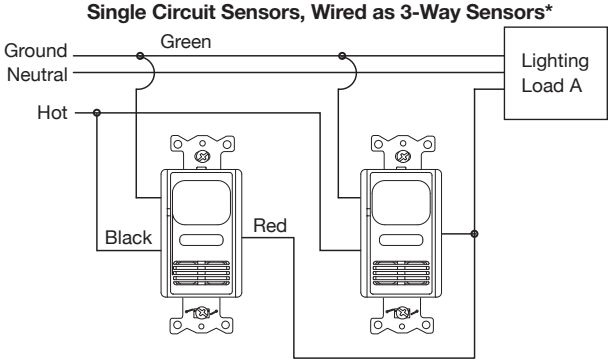


Dual Circuit Sensor, Wired for Dual Circuits with Neutral

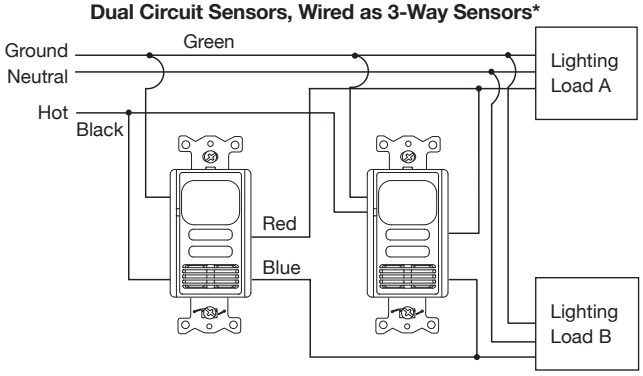


For step dimming, bi-level, and dual ballasted fixtures

Single Circuit Sensors, Wired as 3-Way Sensors*



Dual Circuit Sensors, Wired as 3-Way Sensors*

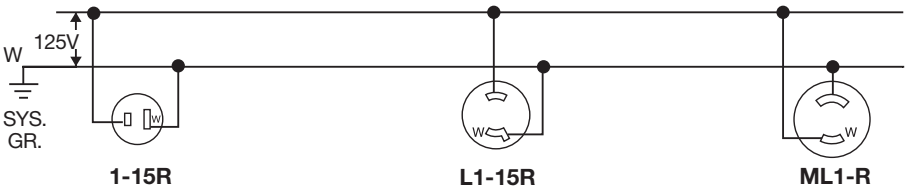


Note: *Load can not exceed the rating of one switch. Sensor is shipped with all dip switches in the OFF position (factory default).

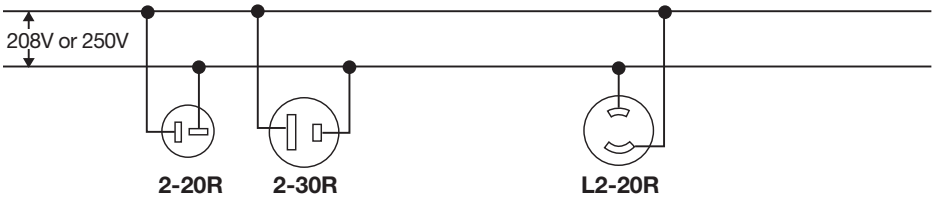
Wiring Diagrams

2-Pole 2-Wire

125V

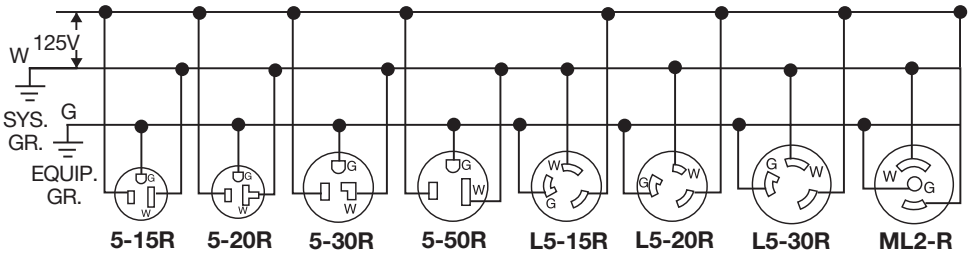


208V or 250V

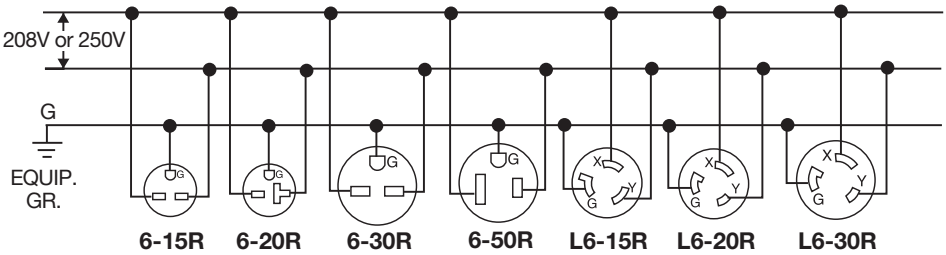


2-Pole 3-Wire Grounding

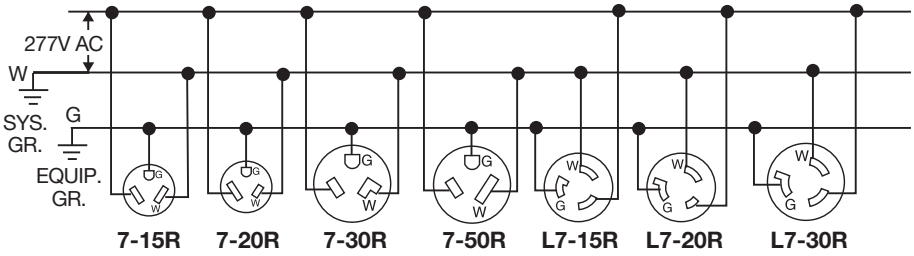
125V



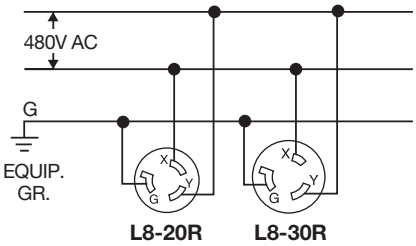
208V or 250V



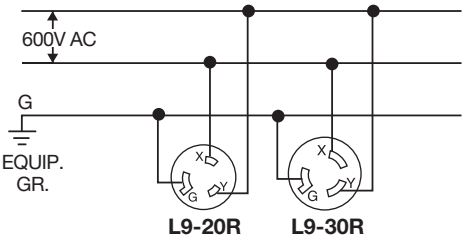
277V AC



480V AC

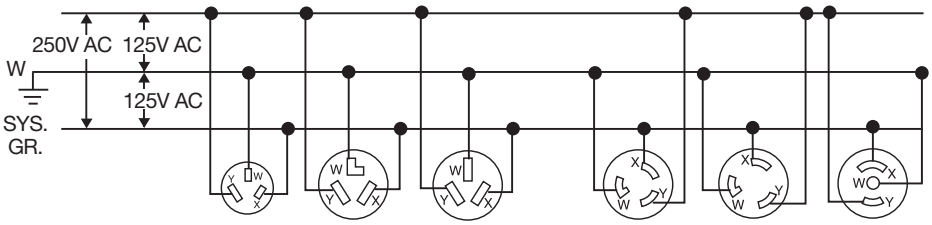


600V AC



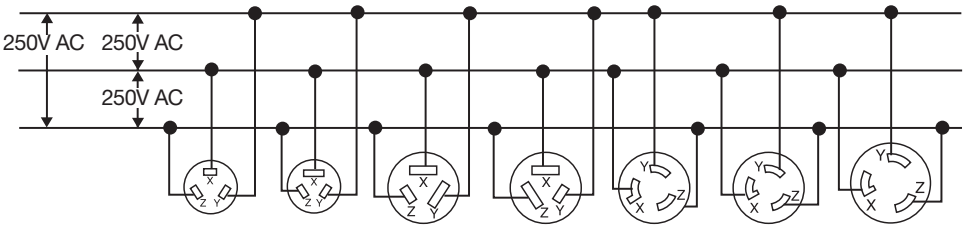
3-Pole 3-Wire

125/250V AC



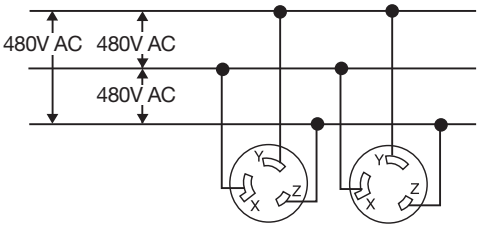
10-20R **10-30R** **10-50R** **L10-20R** **L10-30R** **ML3-R**

3Ø 250V AC



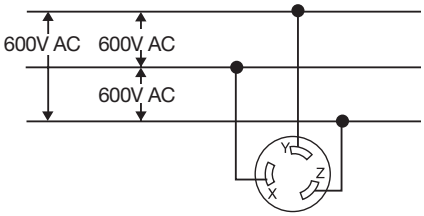
11-15R **11-20R** **11-30R** **11-50R** **L11-15R** **L11-20R** **L11-30R**

3Ø 480V AC



L12-20R **L12-30R**

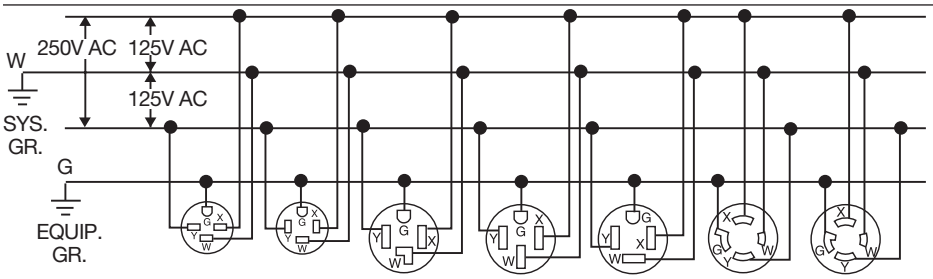
3Ø 600V AC



L13-30R

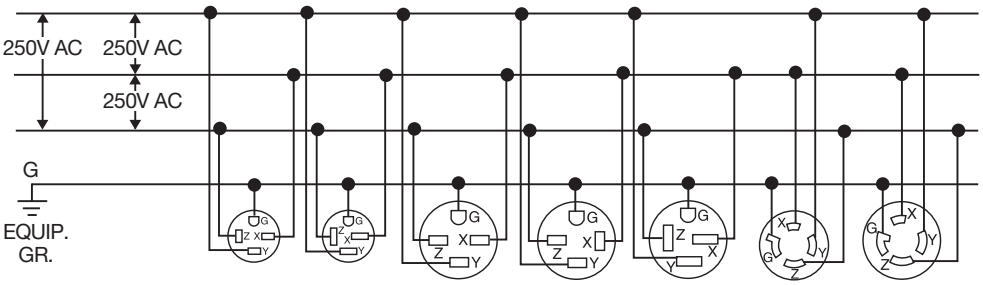
3-Pole 4-Wire Grounding

125/250V AC



14-15R **14-20R** **14-30R** **14-50R** **14-60R** **L14-20R** **L14-30R**

3Ø 250V AC

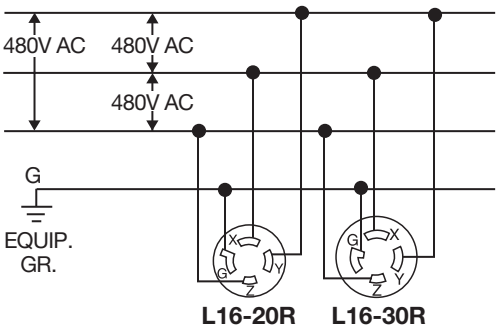


15-15R **15-20R** **15-30R** **15-50R** **15-60R** **L15-20R** **L15-30R**

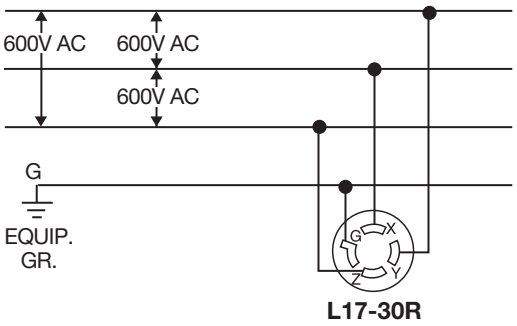
Wiring Diagrams

3-Pole 4-Wire Grounding

3Ø 480V AC

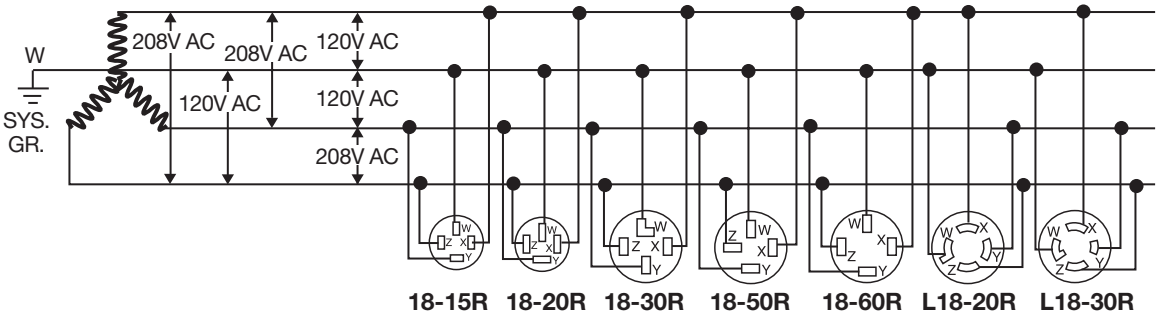


3Ø 600V AC

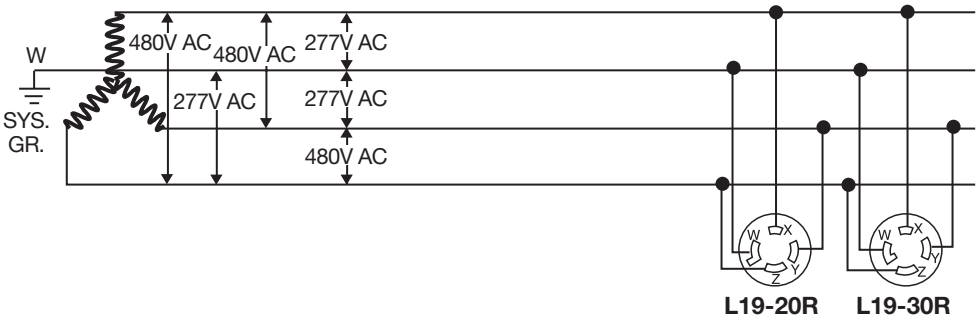


4-Pole 4-Wire

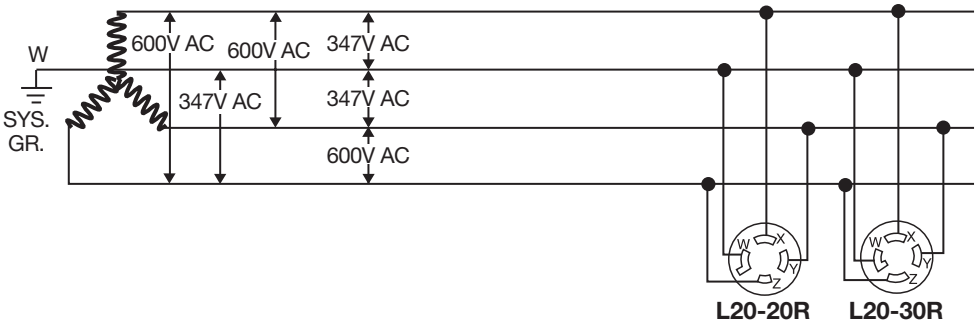
3Ø 120/208V AC



3Ø 277/480V AC

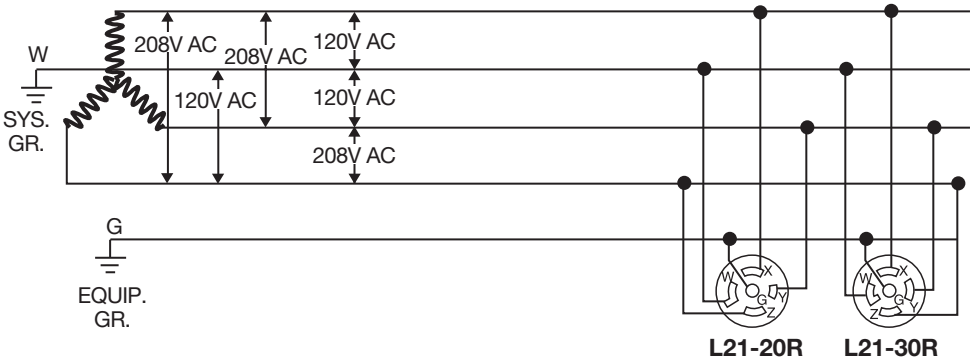


3Ø 347/600V AC

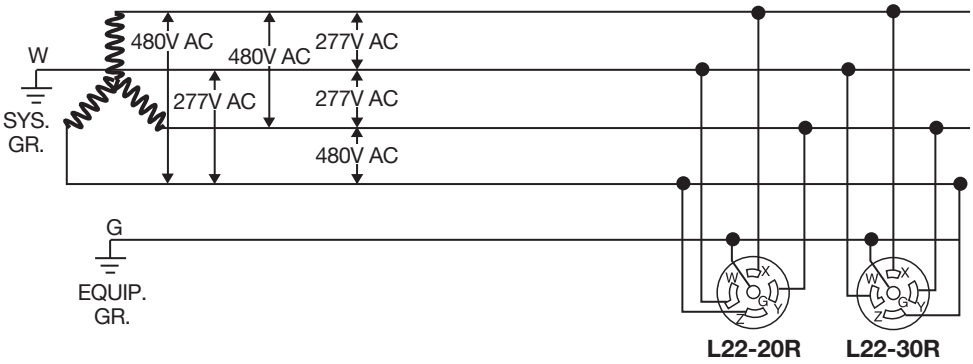


4-Pole 5-Wire Grounding

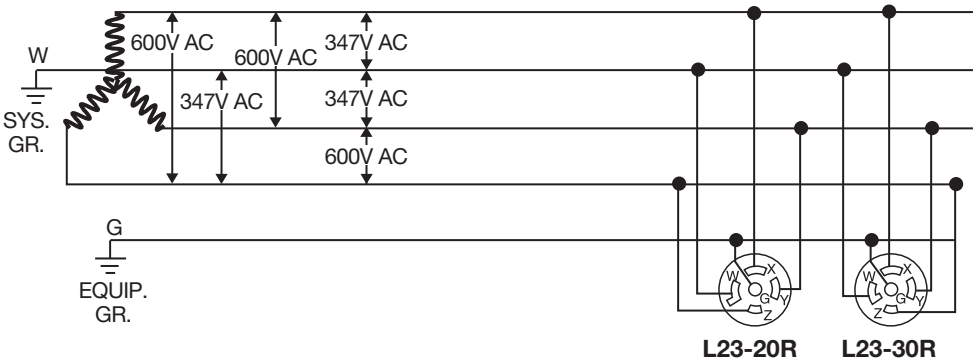
3ØY 120/208V AC



3ØY 277/480V AC



3ØY 347/600V AC

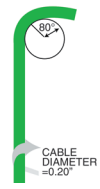


Supported Media - International

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

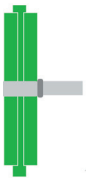
Note: *Category 6A requirements will be incorporated into ISO/IEC 11801 and CENELEC EN-50173 after the release of the ANSI/TIA-568-C standards series.

- 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)

Never exceed a 90 degree bend



Apply cable ties loosely and at random intervals

Don't oveS-tighten cable ties

Try to minimize the amount of jacket twisting

Don't oveS-twist cable, it can lead to torn jackets

Avoid stretching the cable

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

Alphanumeric Index

Catalog Number	Page
1205BRY	E-9
1206BRY	E-9
1254B	A-15
1254BLK	A-15
1254GY	A-15
1254HB	A-6, B-5
1254HGY	A-6, B-5
1254HI	A-6, B-5
1254HR	A-6, B-5
1254HSA	A-6, B-5, D-3
1254HSIA	A-6, B-5, D-3
1254HW	A-6, B-5
1254I	A-15
1254IGO	A-15, D-6
1254IGOB	A-15
1254R	A-15
1254SA	A-15, D-3
1254SIA	A-15, D-3
1254W	A-15
14S10	R-17
15901	R-17
15GC10	R-17
15ST10	R-17
20403	H-25
20405	H-27, Q-18
20406	H-27
20418	H-25
20424	H-27, H-27
20425	H-27, H-27
21254B	A-15
21254BLK	A-15
21254GY	A-15
21254HB	A-6, B-5
21254HBL	A-6, B-5
21254HGY	A-6, B-5
21254HI	A-6, B-5
21254HIGO	A-6, A-15, B-5
21254HIL	A-6, B-5
21254HR	A-6, B-5
21254HSA	A-6, B-5, D-3
21254HSIA	A-6, B-5, D-3
21254HW	A-6, B-5
21254I	A-15
21254IGO	D-6
21254IGOL	A-15, D-6
21254R	A-15
21254SA	A-15, D-3
21254SIA	A-15, D-3
21254SILA	A-15, D-3
21254SLA	A-15, D-3
21254W	A-15
21414	H-25
21415	H-25
21420	H-25
21447	H-25
23000G	H-24
23002G	H-24
23005	H-24
23005G	H-24
23007	H-27, Q-18
25250	H-25
25403	H-25
25414	H-25
25415	H-25
26410	H-26
26418	H-26
26419	H-26
26421	H-26
26422	H-26
26516	H-26
26519	H-26
26520	H-26
26521	H-26
26522	H-26
266T	A-7
2828G	A-24
2828GS	A-24
30002D	E-12, G-2, G-6
30002DS	E-12, G-2, G-6
30003D	E-12, G-2, G-6
30003DS	E-12, G-2, G-6
30003FG	E-12, G-2, G-4, G-5, G-6
3001	E-2
3001I	E-2
3001PLR120	E-2
3002BRN	E-2
3002GRY	E-2
3002I	E-2
3002PLR120	E-2
3002PLR277	E-2
3003BRN	E-2
3003GRY	E-2
3003I	E-2
30102D	E-12, G-3, G-6
30103D	E-12, G-3, G-6
3025BRN	E-3
3025I	E-3
30302D	E-12, G-3, G-6
30303D	E-12, G-3, G-6
30312D	E-12, G-3, G-6
30313D	E-12, G-3, G-6
30322D	E-12, G-3, G-6
30323D	E-12, G-3, G-6
3330	H-17, Q-18
3330G	H-17
3331	H-17
3333	H-17
3430	Q-18
3430BRY	H-17
3430G	H-17
3431	H-17
3433	H-17
3520	Q-18
3521	H-16
3523	H-16
3743R	O-4
3762	H-22
3763	H-22
3764	H-22
3765	H-22
3767	H-22
3768	H-22
3769	H-22, Q-18
3771	H-22, Q-18
3799G	A-24
3799GS	A-24
40002D	E-12, G-2, G-6
40003D	E-12, G-2, G-6
4002	G-2
40045ER	H-14, Q-19
40045FR	H-14, Q-18
40045MB	H-14, Q-19
40045NC	H-14
40045NP	H-14
4700DR	H-7
4700DRCR	H-7, J-3
4700DRI	H-7
4700DRIG	D-7, H-7
4710	H-7, Q-18
4710CR	H-7, J-3
4710IG	D-7, H-7
4711BRY	H-7
4712BRY	H-7
4713BRY	H-7
4715ER	H-6, Q-19
4716MB	H-6, Q-19
4721NP	H-6
4721NPB	H-6
4721NPCR	H-6, J-3
4722N	H-6
4726BRY	H-6
4730	H-6
4732NC	H-6
4732NCB	H-6
4732NCCR	H-6, J-3
4750DR	H-7
4760	H-7, Q-18
4761	H-7
4779NC	H-6
4785ER	H-6, Q-19
4786MB	H-6, Q-19
4801	E-2
4801B	E-4
4801BBLK	E-4
4801BGRY	E-4
4801BI	E-4
4801BLA	E-4
4801BLK	E-2
4801BRED	E-4
4801BW	E-4
4801GLI	E-2
4801GRY	E-2
4801I	E-2
4801L	E-3
4801RED	E-2
4801W	E-2
4802	E-2
4802BLK	E-2
4802GRY	E-2
4802I	E-2
4802L	E-3
4802RED	E-2
4802W	E-2
4803	E-2
4803B	E-4
4803BBLK	E-4
4803BGRY	E-4
4803BI	E-4
4803BLA	E-4
4803BLK	E-2
4803BRED	E-4
4803BW	E-4
4803GLI	E-2
4803GRY	E-2
4803I	E-2
4803L	E-3
4803RED	E-2
4803W	E-2
4804	E-2
4804BLK	E-2
4804GRY	E-2
4804I	E-2
4804L	E-3
4804RED	E-2
4804W	E-2
480710	E-8
48071R	E-8
4821	E-3
4821GRY	E-3
4821I	E-3
4821L	E-3
4822	E-3
4822I	E-3
4822L	E-3
4825	E-3
4825I	E-3
4901	E-2
4901B	E-4
4901BBLK	E-4
4901BGRY	E-4
4901BI	E-4
4901BLA	E-4
4901BLK	E-2
4901BRED	E-4
4901BW	E-4
4901GLC	E-2
4901GLI	E-2
4901GRY	E-2
4901I	E-2
4901L	E-3
4901PLC120	E-2
4901PLC277	E-2
4901PLG120	E-2
4901PLR120	E-2
4901PLR277	E-2
4901RED	E-2
4901RKL	E-3
4901W	E-2
4902	E-2
4902B	E-4
4902BBLK	E-4
4902BGRY	E-4
4902BI	E-4
4902BLA	E-4
4902BLK	E-2
4902BRED	E-4
4902BW	E-4
4902GRY	E-2
4902I	E-2
4902L	E-3
4902PLR120	E-2, E-2
4902PLR277	E-2
4902RED	E-2
4902RKL	E-3
4902W	E-2
4903	E-2
4903B	E-4
4903BBLK	E-4
4903BGRY	E-4
4903BI	E-4
4903BLA	E-4
4903BLK	E-2
4903BRED	E-4
4903BW	E-4
4903GLC	E-2
4903GLI	E-2
4903GRY	E-2
4903I	E-2
4903L	E-3
4903PLR120	E-2
4903PLR277	E-2
4903RED	E-2
4903RKL	E-3
4903W	E-2
4904	E-2
4904B	E-4
4904BBLK	E-4
4904BGRY	E-4
4904BI	E-4
4904BLA	E-4
4904BLK	E-2
4904BRED	E-4
4904BW	E-4
4904GRY	E-2

Alphanumeric Index

Catalog Number	Page
4904I	E-2
4904L	E-3
4904RED	E-2
4904RKL	E-3
4904W	E-2
4921	E-3
4921GRY	E-3
4921I	E-3
4921L	E-3
4922	E-3
4922GRY	E-3
4922I	E-3
4922W	E-3
4925	E-3
4925I	E-3
4925L	E-3
4925W	E-3
4981	E-4
4982	E-4
4983	E-4
4984	E-4
4997PLR	E-4
4998PLR	E-4
4SQBXB	A-6, A-15, B-5
4SQBXBLK	A-6, A-15, B-5
4SQBXBLU	A-6, A-15, B-5, D-3
4SQBXFBLK	A-6, A-15, B-5
4SQBXFI	A-6, A-15, B-5
4SQBXFR	A-6, A-15, B-5
4SQBXGRY	A-6, A-15, B-5
4SQBXI	A-6, A-15, B-5, D-3
4SQBXO	A-6, A-15, B-5
4SQBXR	A-6, A-15, B-5
4SQBXW	A-6, A-15, B-5
50002D	E-12, G-2, G-6
50003D	E-12, G-2, G-6
5156HVG	A-22, A-22
5156HVO	A-22, A-22
5159HVG	A-22
5159HVO	A-22
5200BC	A-22, A-29, H-20, J-4
5200BCB	A-22, A-29, H-20
5200BP	A-22, A-29, H-20, J-4
5200BPB	A-22, A-29, H-20
5200BSR	A-22, A-29, H-20, J-4
5200BSRB	A-22, A-29, H-20
5200S	H-20
5236BOX	A-24
5242	A-10
5242BLK	A-10
5242GRY	A-10
5242I	A-10
5242RED	A-10
5242W	A-10
5251	A-10, Q-18
5251I	A-10, A-10
5252W	A-10
5258	A-9, Q-18
5261	A-9, Q-18
5261BLK	A-9
5261BLKWR	A-9
5261CR	A-9, J-2
5261GRY	A-9
5261GRYWR	A-9
5261I	A-9
5261IG	A-9, D-6, Q-18
5261IGGRY	A-9, D-6
5261IGGRYWR	A-9
5261IGI	A-9, D-6
5261IGIWR	A-9
5261IGW	A-9, D-6
5261IGWR	A-9
5261IGWWR	A-9
5261IWR	A-9
5261RED	A-9
5261REDWR	A-9
5261W	A-9
5261WR	A-9
5261WWR	A-9
5262BBLK	A-10
5262BBLKWR	A-10
5262BGRY	A-10
5262BGRYWR	A-10
5262BI	A-10
5262BIWR	A-10
5262BN	A-10
5262BNWR	A-10
5262BRED	A-10
5262BREDWR	A-10
5262BW	A-10
5262BWWR	A-10
5266B	A-22
5266BGRY	A-22
5266BY	A-22
5266PT	A-11
5269B	A-22
5269BY	A-22
5278	A-10
5278G	A-10
5279	A-10
5281	A-9
5284	A-9, Q-18
5284WR	A-9
5295	A-22
5342	A-10
5342BLK	A-10
5342GRY	A-10
5342I	A-10
5342RED	A-10
5342W	A-10
5351	A-10, Q-18
5351BLK	A-10
5351I	A-10, A-10
5352W	A-10
5361	A-9, Q-18
5361BLK	A-9, L-10
5361BLKWR	A-9
5361CR	A-9, J-2
5361GRY	A-9
5361GRYWR	A-9
5361I	A-9
5361IG	A-9, D-6, Q-18
5361IGGRY	A-9, D-6
5361IGGRYWR	A-9
5361IGI	A-9, D-6
5361IGIWR	A-9
5361IGW	A-9, D-6
5361IGWR	A-9
5361IGWWR	A-9
5361IWR	A-9
5361RED	A-9
5361REDWR	A-9
5361W	A-9
5361WR	A-9
5361WWR	A-9
5362BBLK	A-10
5362BBLKWR	A-10
5362BGRY	A-10
5362BGRYWR	A-10
5362BI	A-10
5362BIWR	A-10
5362BN	A-10
5362BNWR	A-10
5362BRED	A-10
5362BREDWR	A-10
5362BW	A-10
5362BWWR	A-10
5364B	A-22
5364BY	A-22
5364Y	A-21
5369B	A-22
5369BY	A-22
5369Y	A-21
5378	A-10
5378G	A-10
5379	A-10
5384	Q-18
5384WR	A-9
5395	A-22
5461	A-9, Q-18
5461BLK	A-9
5461CR	A-9, J-2
5461GRY	A-9
5461I	A-9
5461RED	A-9
5461W	A-9
5464B	A-22
5464Y	A-21
5469B	A-22
5469Y	A-21
5475N	A-22
5478	A-10
5479	A-10
5484	A-9, Q-18
5661	A-9, Q-18
5661BLK	A-9
5661GRY	A-9
5661I	A-9
5661RED	A-9
5661W	A-9
5666B	A-22
5666Y	A-21
5669B	A-22
5669Y	A-21
5678	A-10
5678G	A-10
5679	A-10
5684	A-9, Q-18
5695	A-22
5756	A-11
5762	A-11
5856	A-11
5966VBK	A-21
5969VBK	A-21
60002D	E-12, G-2, G-6
60002FWD	E-12, G-2, G-6
60003D	E-12, G-2, G-6
60003FWD	E-12, G-2, G-6
6006	E-3
6006RKL	Q-17
6006RKL	E-3
60302D	E-12, G-3, G-6
60303D	E-12, G-3, G-6
6110MPPDT	R-19
6110MPPDT1	R-19
6369CR	Q-18
6370CR	Q-18
66032D	E-12, G-4, G-6
66033D	E-12, G-4, G-6
6603N	E-12, G-5, G-6
66042D	E-12, G-4, G-6
66043D	E-12, G-4, G-6
66062D	E-12, G-4, G-6
66063D	E-12, G-4, G-6
660AC	E-12, G-4, G-5, G-6
6610MK	E-12, G-4, G-6
664S33D	E-12, G-5, G-6
664S63D	E-12, G-5, G-6
664X33D	E-12, G-5, G-6
664X43D	E-12, G-5, G-6
664X63D	E-12, G-5, G-6
664XFT	E-12, G-5, G-6
664XWP	E-12, G-4, G-6
70204ANA	H-19
70520ER	H-8, Q-19
70520FR	H-8, L-10, Q-18
70520FRCR	H-8, J-3
70520IG	D-7, H-8
70520MB	H-8, Q-19
70520MBWP	H-8
70520NC	H-8
70520NCB	H-8
70520NCCR	H-8, J-3
70520NP	H-8
70520NPB	H-8
70520NPCR	H-8, J-3
70530ER	H-11, Q-19
70530FR	C-11, H-11, Q-18
70530FRCR	H-11, J-3
70530IG	D-7, H-11
70530MB	H-11, Q-19
70530MBWP	H-11
70530NC	H-11
70530NCB	H-11
70530NCCR	H-11, J-3
70530NP	H-11
70530NPB	H-11
70530NPCR	H-11, J-3
7061575	H-7
7061594	H-7
70615DR	H-7
70615DRIG	D-7, H-7
70615ER	H-6, Q-19
70615FR	H-7, Q-18
70615IG	D-7, H-7
70615MB	H-6, Q-19
70615NC	H-6
70620ER	H-8, Q-19
70620FR	H-8, Q-18
70620IG	D-7, H-8
70620MB	H-8, Q-19
70620MBWP	H-8
70620NC	H-8
70620NCCR	H-8
70620NP	H-8
70620NPCR	H-8
70630ER	H-11, Q-19
70630FR	H-11, L-10, Q-18
70630IG	D-7, H-11
70630MB	H-11, Q-19
70630MBWP	H-11
70630NC	H-11
70630NCB	H-11
70630NCCR	H-11
70630NP	H-11
70630NPB	H-11
70630NPCR	H-11
70720ER	H-8, Q-19
70720FR	H-8, Q-18
70720MB	H-8, Q-19
70720NC	H-8
70720NP	H-8
70730ER	H-11, Q-19
70730FR	H-11, Q-18

Alphanumeric Index

Catalog Number	Page
70730MB	H-11, Q-19
70730NC	H-11
70730NP	H-11
70820ER	H-8, Q-19
70820FR	H-8, Q-18
70820MB	H-8, Q-19
70820NC	H-8
70820NP	H-8
70830ER	H-11, Q-19
70830FR	H-11, Q-18
70830MB	H-11, Q-19
70830NC	H-11
70830NP	H-11
70920ER	H-8, Q-19
70920FR	H-8, Q-18
70920MB	H-8, Q-19
70920NC	H-8
70920NP	H-8
70930ER	H-11, Q-19
70930FR	H-11, Q-18
70930MB	H-11, Q-19
70930NC	H-11
70930NP	H-11
7101	H-5
71020ER	H-9, Q-19
71020FR	H-9, Q-18
71020MB	H-9, Q-19
71020NC	H-9
71020NP	H-9
7102N	H-5
71030ER	H-12, Q-19
71030FR	H-12, Q-18
71030MB	H-12, Q-19
71030NC	H-12
71030NP	H-12
71120ER	H-9, Q-19
71120FR	H-9, Q-18
71120MB	H-9, Q-19
71120NC	H-9
71120NP	H-9
71130ER	H-12
71130FR	H-12, Q-18
71130MB	H-12
71130NC	H-12
71130NP	H-12
71220ER	H-9, Q-19
71220FR	H-9, Q-18
71220MB	H-9, Q-19
71220NC	H-9
71220NP	H-9
71230ER	H-12, Q-19
71230FR	H-12, Q-18
71230MB	H-12, Q-19
71230NC	H-12
71230NP	H-12
71330ER	H-12, Q-19
71330FR	H-12, Q-18
71330MB	H-12, Q-19
71330NC	H-12
71330NP	H-12
71420ER	H-9, Q-19
71420FR	H-9, Q-18
71420IG	D-7, H-9
71420MB	H-9, Q-19
71420MBWP	H-9
71420NC	H-9
71420NP	H-9
71430ER	H-12, Q-19
71430FR	H-12, Q-18
71430IG	D-7, H-12
71430MB	H-12, Q-19
71430MBWP	H-12
71430NC	H-12
71430NP	H-12
71520ER	H-9, Q-19
71520FR	H-9, Q-18
71520MB	H-9, Q-19
71520MBWP	H-9
71520NC	H-9
71520NP	H-9
71530ER	H-12, Q-19
71530FR	H-12, Q-18
71530IG	H-12
71530MB	H-12, Q-19
71530MBWP	H-12
71530NC	H-12
71620ER	H-9, Q-19
71620FR	H-9, Q-18
71620MB	H-9, Q-19
71620MBWP	H-9
71620NC	H-9
71620NP	H-9
71630ER	H-12, Q-19
71630FR	H-12, Q-18
71630MB	H-12, Q-19
71630NC	H-12
71630NP	H-12
71730ER	H-12, Q-19
71730FR	H-12, Q-18
71730MB	H-12, Q-19
71730NC	H-12
71730NP	H-12
71820ER	H-10, Q-19
71820FR	H-10, Q-18
71820MB	H-10, Q-19
71820NC	H-10
71820NP	H-10
71830ER	H-13, Q-19
71830FR	H-13, Q-18
71830MB	H-13, Q-19
71830NC	H-13
71830NP	H-13
71920ER	H-10, Q-19
71920FR	H-10, Q-18
71920MB	H-10, Q-19
71920NC	H-10
71920NP	H-10
71930ER	H-13
71930FR	H-13, Q-18
71930MB	H-13, Q-19
71930NC	H-13
71930NP	H-13
72002BC	H-20, J-4
72002BCB	H-20
72002BP	H-20, J-4
72002BPB	H-20
72020ER	H-10, Q-19
72020FR	H-10, Q-18
72020MB	H-10, Q-19
72020NC	H-10
72020NP	H-10
72030ER	H-13, Q-19
72030FR	H-13, Q-18
72030MB	H-13, Q-19
72030NC	H-13
72030NP	H-13
7210B	H-5
72120ER	H-10, Q-19
72120FR	H-10, Q-18
72120IG	D-7, H-10
72120MB	H-10, Q-19
72120NC	H-10
72120NCB	H-10
72120NP	H-10
72120NPB	H-10
72130ER	H-13, Q-19
72130FR	H-13, Q-18
72130IG	D-7, H-13
72130MB	H-13, Q-19
72130NC	H-13
72130NP	H-13
72220ER	H-10, Q-19
72220FR	H-10, Q-18
72220MB	H-10, Q-19
72220NC	H-10
72220NP	H-10
72230ER	H-13, Q-19
72230FR	H-13, Q-18
72230MB	H-13, Q-19
72230NC	H-13
72230NP	H-13
72320ER	H-10, Q-19
72320FR	H-10, Q-18
72320MB	H-10, Q-19
72320NC	H-10
72320NP	H-10
72330ER	H-13, Q-19
72330FR	H-13, Q-18
72330MB	H-13, Q-19
72330NC	H-13
72330NP	H-13
7250	Q-18
7251N	A-23
7310	H-16, Q-18
7310G	H-16
7314	H-16
7314NB	H-16
7314NSY	H-16
7327	H-16, Q-19
7328	H-16, Q-19
7379	H-22, Q-18
7382	H-23
7383	H-23
7400BCR	A-29, A-29, H-6, H-6, H-20, H-20
7408MB	H-16, Q-19
7409ER	H-16, Q-19
7410	H-16, Q-18
7410G	H-16
7414	H-16
7414NSY	H-16
7417	H-16
7418B	A-23, H-27
7420B	C-11, Q-18
7427B	Q-18
7429B	Q-18
746	E-8
7460BC	A-29, H-6, H-20
7460BP	A-29, H-6, H-20
7464N	H-4
7464NB	H-4
7465N	H-4
7465NB	H-4
7466N	H-4
7468N	H-4
746GREEN	E-8
7484NC	H-4
7485NP	H-4
7486MB	H-4
7487ER	H-4
7506	H-5
7513NP	A-27
7516NC	A-27
7523	H-5
7526	H-5
7535	H-5, Q-18
7540	H-5
7548	H-5
7556MB	H-15, Q-19
7557ER	H-15, Q-19
7565NC	H-15
7565NCCR	H-15
7568NP	H-15
7568NPCR	H-15
7580DR	H-15
7580GDR	H-15
7582	H-15, Q-18
7582G	H-15
7593NC	H-4
7594NP	H-4
7595MB	H-4
7596ER	H-4
7716B	H-23, H-23
7717B	H-23
7764	H-22
7765	H-22
7770	H-23, Q-18
7774CR	C-11, H-23, L-10, Q-18
7780	C-11, H-23, L-10, Q-19
7780*	Q-19
79130ER	Q-19
7968	H-22
8200HB	A-4, B-3
8200HBGRY	A-4, B-3
8200HBGRYL	A-4, B-3
8200HBGRYLTR	A-4, B-3
8200HBGRYTR	A-4, B-3
8200HBI	A-4, B-3
8200HBIL	A-4, B-3
8200HBILTR	A-4, B-3
8200HBITR	A-4, B-3
8200HBL	A-4, B-3
8200HBLTR	A-4, B-3
8200HBRED	A-4, B-3
8200HBREDL	A-4, B-3
8200HBREDLTR	A-4, B-3
8200HBREDTR	A-4, B-3
8200HBTR	A-4, B-3
8200HBW	A-4, B-3
8200HBWL	A-4, B-3
8200HBWLTR	A-4, B-3
8200HBWTR	A-4, B-3
8210	A-3, B-2, Q-18
8210GRY	A-3, B-2
8210GRYWR	A-3, B-2
8210I	A-3, B-2
8210IG	A-3, B-2, D-6
8210IWR	A-3, B-2
8210RED	A-3, B-2
8210REDWR	A-3, B-2
8210W	A-3, B-2
8210WR	A-3, B-2
8210WWR	A-3, B-2
8266T	B-6
8269T	A-7, B-6
8295T	A-7, B-6
8300HB	A-4, B-3
8300HBGRY	A-4, B-3
8300HBGRYL	A-4, B-3
8300HBGRYLTR	A-4, B-3
8300HBGRYTR	A-4, B-3
8300HBI	A-4, B-3
8300HBIL	A-4, B-3
8300HBILTR	A-4, B-3

Alphanumeric Index

Catalog Number	Page
8300HBITR	A-4, B-3
8300HBL	A-4, B-3
8300HBLTR	A-4, B-3
8300HBRED	A-4, B-3
8300HBREDL	A-4, B-3
8300HBREDLTR	A-4, B-3
8300HBREDTR	A-4, B-3
8300HBTR	A-4, B-3
8300HBW	A-4, B-3
8300HBWL	A-4, B-3
8300HBWLTR	A-4, B-3
8300HBWTR	A-4, B-3
8310	A-3, B-2, Q-18
8310GRY	A-3, B-2
8310GRYWR	A-3, B-2
8310I	A-3, B-2
8310IG	A-3, B-2, D-6
8310IWR	A-3, B-2
8310RED	A-3, B-2
8310REDWR	A-3, B-2
8310W	A-3, B-2
8310WR	A-3, B-2
8310WWR	A-3, B-2
8350FR	A-27
8352ANPB	A-27
8360FR	A-28
8362ANPB	A-28
8366T	A-7, B-6
8369T	A-7, B-6
8395T	A-7, B-6
8410BRN	A-3, B-2
8410GRY	A-3, B-2
8410I	A-3, B-2
8410IG	A-3, B-2, D-6
8410RED	A-3, B-2
8410W	A-3, B-2
8430FR	A-26
8430NP	A-26
8432ANPB	A-26
8450FR	A-27
8450NP	A-27
8452ANPB	A-27
8460FR	A-28
8460NP	A-28
8462ANPB	A-28
8495T	A-7, B-6
85002D	E-12, G-2, G-6
85003D	E-12, G-2, G-6
8808	Q-19
8808MB	H-5
8809	Q-19
8809ER	H-5
9053AB	A-25
9054AB	A-25
9102N	H-5
9151N	A-23
9200	A-4, B-3
9200GRY	A-4, B-3
9200GRYL	A-4, B-3
9200I	A-4, B-3
9200IG	A-4, B-3, D-6
9200IGGRY	A-4, B-3, D-6
9200IGI	A-4, B-3, D-6
9200IGRED	A-4, B-3, D-6
9200IGW	A-4, B-3, D-6
9200IL	A-4, B-3
9200RED	A-4, B-3
9200REDL	A-4, B-3
9200W	A-4, B-3
9200WL	A-4, B-3
9252	A-10
9252BLK	A-10
9252GRY	A-10
9252I	A-10
9252W	A-10
9300	A-4, B-3
9300GRY	A-4, B-3
9300I	A-4, B-3
9300IG	A-4, B-3, D-6
9300IGGRY	A-4, B-3, D-6
9300IGI	A-4, B-3, D-6
9300IGRED	A-4, B-3, D-6
9300IGW	A-4, B-3, D-6
9300IL	A-4, B-3
9300RED	A-4, B-3
9300REDL	A-4, B-3
9300W	A-4, B-3
9300WL	A-4, B-3
9303	A-26, Q-18
9306	A-27, Q-18
9326	A-23
9337NC	A-26
9337NP	A-26
9352BLK	A-10
9352BRN	A-10
9352GRY	A-10
9352I	A-10
9352W	A-10
9430FR	A-26
9432ANPB	A-26
9450FR	A-27
9450NP	A-27
9452ANPB	A-27
9460FR	A-28
9460NP	A-28
9462ANPB	A-28
9530ANPB	A-26
9530FR	A-26, Q-18
9530IG	A-26
9530NC	A-26
9530NP	A-26
9550ANPB	A-27
9550FR	A-27, Q-18
9630ANPB	A-26
9630FR	A-26, Q-18
9630IG	A-26
9630NC	A-26
9630NP	A-26
9650ANPB	A-27
9650FR	A-27, Q-18
9650NC	A-27
9650NP	A-27
9700S	A-29, H-20
9801	E-5
9801GRY	E-5
9801I	E-5
9801W	E-5
9803	E-5
9803GRY	E-5
9803I	E-5
9803W	E-5
9901	E-5
9901BLK	E-5
9901GLI	E-5
9901GLW	E-5
9901GRY	E-5
9901I	E-5
9901NLI	E-5
9901NLLA	E-5
9901NLW	E-5
9901PLI120	E-5
9901PLW120	E-5
9901W	E-5
9902BLK	E-5
9902GRY	E-5
9902I	E-5
9902W	E-5
9903	E-5
9903BLK	E-5
9903GLI	E-5
9903GLW	E-5
9903GRY	E-5
9903I	E-5
9903W	E-5
9904	E-5
9904BLK	E-5
9904GRY	E-5
9904I	E-5
9904W	E-5
9965	H-16
9965NB	H-16
9965NSY	H-16
9967	H-16
9967NSY	H-16
9GC10	R-17
9ST10	R-17
BRY3055	L-11
BRY3061	L-11
FS5A	O-6
HBL5709GC	P-8
HBL5781A	P-8
HBL5790B	P-8
HBL5791	P-8
IMSS2	R-16
IMSS3	R-16
IMSS4	R-16
NS726SS	R-14
RL121	O-5
RL122	O-5
RL124H	O-5
RL153	O-4
RL156	O-4
RL159	O-4
RL160	O-4
RL161	O-4
RL202	O-5
RL306	O-3
RL307	O-3
RL308	O-3
RL310	O-3
RL311	O-3
RL325	O-3
RL325B	O-3
RL42G11C	O-3
RL42G11H9	O-3
RL42G11HSM	O-3
ADAPB	A-6, A-15, B-5
ADAPBLK	A-6, A-15, B-5
ADAPBLU	A-6, A-15, B-5, D-3
ADAPGRY	A-6, A-15, B-5
ADAPI	A-6, A-15, B-5, D-3
ADAPIS	A-6, A-15, B-5
ADAPO	A-6, A-15, B-5
ADAPR	A-6, A-15, B-5
ADAPW	A-6, A-15, B-5
AP100	K-10
AP2030	K-10
AP60	K-10
BAS103I	F-14
BAS103W	F-14
BAS153I	F-14
BAS153W	F-14
BAS203I	F-14
BAS203W	F-14
BAS63I	F-14
BAS63W	F-14
BB1001WA	K-5, K-10
BB1002WA	K-5, K-10
BB201WAK	4, K-4, K-4, K-4, K-4, K-5, K-5, K-5, K-5, K-5, K-6, K-6, K-6, K-6, K-6, K-7, K-7, K-10
BB301WAK	4, K-4, K-4, K-4, K-4, K-5, K-5, K-5, K-5, K-5, K-6, K-6, K-6, K-6, K-6, K-7, K-7, K-10
BB601WA	K-4, K-5, K-6, K-7, K-10
BB602WA	K-4, K-5, K-6, K-7, K-10
BDS100L	N-18
BDS100U	N-18
BDS24L	N-18
BDS24U	N-18
BDS32L	N-18
BDS32U	N-18
BDS43L	N-18
BDS43U	N-18
BDS56L	N-18
BDS56U	N-18
BDS73L	N-18
BDS73U	N-18
BDS85L	N-18
BDS85U	N-18
BDSR125	N-25
BDSR150	N-25
BDSR170	N-25
BDSR200	N-25
BDSR24	N-25
BDSR32	N-25
BDSR43	N-25
BDSR54	N-25
BDSR73	N-25
BDSR97	N-25
BR106B	R-11
BR106C	R-11
BR106E	R-11
BR106G	R-11
BR106W	R-11
BRY123S100MS	L-12
BRY123S100PS	L-12
BRY123S50MS	L-12
BRY123S50PS	L-12
BRY123SJ100PS	L-12
BRY123SJ100PT	L-12
BRY142SJ100PS	L-12
BRY14PB	M-2
BRY14W33	A-22, I-4
BRY14W33WC	I-4
BRY14W47	A-22, I-4
BRY14W47BK	A-22, I-4
BRY14W47IN	I-8
BRY14W47WC	I-4
BRY14W48	A-22, I-4
BRY14W49	A-22, I-4
BRY15W33	A-22, I-4
BRY15W33WC	I-4
BRY15W47	A-22, I-4
BRY15W47BK	I-4
BRY15W47IN	I-8
BRY15W47WC	I-4
BRY15W48	A-22, I-4
BRY15W49	A-22, I-4
BRY16PB	M-2
BRY182S100LED	L-12
BRY182S20LED	L-12
BRY182S50LED	L-12
BRY24W34	I-5

Alphanumeric Index

Catalog Number	Page
BRY24W34BK	I-5
BRY24W47	I-5
BRY24W47BK	I-5
BRY24W47IN	I-8
BRY24W47WC	I-5
BRY24W49	I-5
BRY25W34	I-5
BRY25W34BK	I-5
BRY25W47	I-5
BRY25W47BK	I-5
BRY25W47WC	I-5
BRY25W49	I-5
BRY26W08	I-6
BRY26W09	I-6
BRY26W47	I-6
BRY26W47BK	I-6
BRY26W48	I-6
BRY26W48BK	I-6
BRY26W48WC	I-6
BRY26W49	I-6
BRY26W74	I-6
BRY26W75	I-6
BRY26W75BK	I-6
BRY26W75IN	I-8
BRY26W76	I-6
BRY26W76BK	I-6
BRY26W76IN	I-8
BRY26W81	I-6
BRY26W81BK	I-6
BRY26W82	I-6
BRY26W83	I-6
BRY27W08	I-6
BRY27W09	I-6
BRY27W47	I-6
BRY27W47BK	I-6
BRY27W47IN	I-8
BRY27W48	I-6
BRY27W48BK	I-6
BRY27W48WC	I-6
BRY27W49	I-6
BRY27W74	I-6
BRY27W75	I-6
BRY27W75BK	I-6
BRY27W76	I-6
BRY27W76BK	I-6
BRY27W76IN	I-8
BRY27W81	I-6
BRY27W81BK	I-6
BRY27W82	I-6
BRY27W83	I-6
BRY28W08	I-7
BRY28W09	I-7
BRY28W47	I-7
BRY28W47BK	I-7
BRY28W48	I-7
BRY28W49	I-7
BRY28W74	I-7
BRY28W75	I-7
BRY28W75BK	I-7
BRY28W75IN	I-8
BRY28W76	I-7
BRY28W76BK	I-7
BRY28W76IN	I-8
BRY28W77	I-7
BRY28W78	I-7
BRY28W81	I-7
BRY28W81BK	I-7
BRY28W82	I-7
BRY28W83	I-7
BRY29W08	I-7
BRY29W09	I-7
BRY29W47	I-7
BRY29W47BK	I-7
BRY29W48	I-7
BRY29W49	I-7
BRY29W74	I-7
BRY29W75	I-7
BRY29W75BK	I-7
BRY29W75IN	I-8
BRY29W76	I-7
BRY29W76BK	I-7
BRY29W76IN	I-8
BRY29W77	I-7
BRY29W78	I-7
BRY29W81	I-7
BRY29W81BK	I-7
BRY29W82	I-7
BRY29W83	I-7
BRY3000	I-11, L-11
BRY3051	I-11, L-11
BRY3052	I-11, L-11
BRY3054	I-11, L-11
BRY3055	I-11
BRY3056	I-11, L-11
BRY3057	I-11, L-11
BRY3058	I-11
BRY3058	L-11
BRY3060	I-11, L-11
BRY3061	I-11
BRY3090F	I-11, L-11
BRY3099	L-11
BRY3100B7W	K-5
BRY3100C7W	K-5
BRY3100MI6W	K-11, K-14
BRY3100P6W	K-11, K-14
BRY3100P7W	K-5
BRY3100R7W	K-5
BRY316B4S	K-6, K-7
BRY316B4W	K-4, K-5
BRY316C4S	K-6, K-7
BRY316C4W	K-4, K-5
BRY316P4S	K-6, K-7
BRY316P4W	K-4, K-5
BRY316R4S	K-6, K-7
BRY316R4W	K-4, K-5
BRY320B4S	K-6
BRY320B4W	K-4
BRY320B7S	K-6
BRY320B7W	K-4
BRY320C4S	K-6
BRY320C4W	K-4
BRY320C7S	K-6
BRY320C7W	K-4
BRY320P4S	K-6
BRY320P4W	K-4
BRY320P7S	K-6
BRY320P7W	K-4
BRY320R4S	K-6
BRY320R4W	K-4
BRY320R7S	K-6
BRY320R7W	K-4
BRY330B4S	K-6
BRY330B4W	K-4
BRY330B7S	K-6
BRY330B7W	K-4
BRY330C4S	K-6
BRY330C4W	K-4
BRY330C7S	K-6
BRY330C7W	K-4
BRY330MI4W	K-11, K-14
BRY330MI6W	K-11, K-14
BRY330MI7W	K-11, K-14
BRY330P4S	K-6
BRY330P4W	K-4, K-11, K-14
BRY330P6W	K-11, K-14
BRY330P7S	K-6
BRY330P7W	K-4, K-11, K-14
BRY330R4S	K-6
BRY330R4W	K-4
BRY330R7S	K-6
BRY330R7W	K-4
BRY332B4S	K-6, K-7
BRY332B4W	K-4, K-5
BRY332C4S	K-6, K-7
BRY332C4W	K-4, K-5
BRY332P4S	K-6, K-7
BRY332P4W	K-4, K-5
BRY332R4S	K-6, K-7
BRY332R4W	K-4, K-5
BRY360B4S	K-6
BRY360B4W	K-4
BRY360B7S	K-6
BRY360B7W	K-4
BRY360C4S	K-6
BRY360C4W	K-4
BRY360C7S	K-6
BRY360C7W	K-4
BRY360MI4W	K-11, K-14
BRY360MI6W	K-11, K-14
BRY360MI7W	K-11, K-14
BRY360P4S	K-6
BRY360P4W	K-4, K-11, K-14
BRY360P6W	K-11, K-14
BRY360P7S	K-6
BRY360P7W	K-4, K-11, K-14
BRY360R4S	K-6
BRY360R4W	K-4
BRY360R7S	K-6
BRY360R7W	K-4
BRY4100B5W	K-5
BRY4100B6W	K-5
BRY4100B7W	K-5
BRY4100B9W	K-5
BRY4100C5W	K-5
BRY4100C6W	K-5
BRY4100C7W	K-5
BRY4100C9W	K-5
BRY4100MI12W	K-11, K-14
BRY4100MI5W	K-11, K-14
BRY4100MI7W	K-11, K-14
BRY4100MI9W	K-11, K-14
BRY4100P12W	K-11, K-14
BRY4100P5W	K-5, K-11, K-14
BRY4100P6W	K-5
BRY4100P7W	K-5, K-11, K-14
BRY4100P9W	K-5, K-11, K-14
BRY4100R5W	K-5
BRY4100R6W	K-5
BRY4100R7W	K-5
BRY4100R9W	K-5
BRY420B5S	K-6
BRY420B5W	K-4
BRY420B7S	K-6
BRY420B7W	K-4
BRY420B9S	K-6, K-7
BRY420B9W	K-4, K-5
BRY420C5S	K-6
BRY420C5W	K-4
BRY420C7S	K-6
BRY420C7W	K-4
BRY420C9S	K-6, K-7
BRY420C9W	K-4, K-5
BRY420MI12W	K-11, K-14
BRY420MI5W	K-11, K-14
BRY420MI7W	K-11, K-14
BRY420MI9W	K-11, K-14
BRY420P12W	K-11, K-14
BRY420P5S	K-6
BRY420P5W	K-4, K-11, K-14
BRY420P7S	K-6
BRY420P7W	K-4, K-11, K-14
BRY420P9S	K-6, K-7
BRY420P9W	K-4, K-5, K-11, K-14
BRY420R5S	K-6
BRY420R5W	K-4
BRY420R7S	K-6
BRY420R7W	K-4
BRY420R9S	K-6, K-7
BRY420R9W	K-4, K-5
BRY430B5S	K-6
BRY430B5W	K-4
BRY430B6S	K-6, K-7
BRY430B6W	K-4, K-5
BRY430B7S	K-6
BRY430B7W	K-4
BRY430B9S	K-6
BRY430B9W	K-4, K-5
BRY430C5S	K-6
BRY430C5W	K-4
BRY430C6S	K-6, K-7
BRY430C6W	K-4, K-5
BRY430C7S	K-6
BRY430C7W	K-4
BRY430C9S	K-6
BRY430C9W	K-4, K-5
BRY430MI12W	K-14
BRY430MI5W	K-11, K-14
BRY430MI7W	K-11, K-14
BRY430MI9W	K-11, K-14
BRY430P12W	K-14
BRY430P5S	K-6
BRY430P5W	K-4, K-11, K-14
BRY430P6S	K-6, K-7
BRY430P6W	K-4, K-5
BRY430P7S	K-6
BRY430P7W	K-4, K-11, K-14
BRY430P9S	K-6
BRY430P9W	K-4, K-5, K-11, K-14
BRY430R5S	K-6
BRY430R5W	K-4
BRY430R6S	K-6, K-7
BRY430R6W	K-4, K-5
BRY430R7S	K-6
BRY430R7W	K-4
BRY430R9S	K-6
BRY430R9W	K-4, K-5
BRY432B3S	K-6, K-7
BRY432B3W	K-4, K-5
BRY432C3S	K-6, K-7
BRY432C3W	K-4, K-5
BRY432MI3W	K-11, K-14
BRY432P3S	K-6, K-7
BRY432P3W	K-4, K-5, K-11, K-14
BRY432R3S	K-6, K-7
BRY432R3W	K-4, K-5
BRY460B5S	K-6
BRY460B5W	K-4
BRY460B6S	K-6, K-7
BRY460B6W	K-4, K-5
BRY460B7S	K-6
BRY460B7W	K-4
BRY460B9S	K-6
BRY460B9W	K-4, K-5
BRY460C5S	K-6

Alphanumeric Index

Catalog Number	Page
BRY460C5W	K-4
BRY460C6S	K-6, K-7
BRY460C6W	K-4, K-5
BRY460C7S	K-6
BRY460C7W	K-4
BRY460C9S	K-6
BRY460C9W	K-4, K-5
BRY460MI12W	K-11, K-14
BRY460MI5W	K-11, K-14
BRY460MI7W	K-11, K-14
BRY460MI9W	K-11, K-14
BRY460P12W	K-11, K-14
BRY460P5S	K-6
BRY460P5W	K-4, K-11, K-14
BRY460P6S	K-6, K-7
BRY460P6W	K-4, K-5
BRY460P7S	K-6
BRY460P7W	K-4, K-11, K-14
BRY460P9S	K-6
BRY460P9W	K-4, K-5, K-11, K-14
BRY460R5S	K-6
BRY460R5W	K-4
BRY460R6S	K-6, K-7
BRY460R6W	K-4, K-5
BRY460R7S	K-6
BRY460R7W	K-4
BRY460R9S	K-6
BRY460R9W	K-4, K-5
BRY501032W	M-2
BRY501042W	M-2
BRY501232W	M-2
BRY501242W	M-2
BRY501431W	M-2
BRY50SD	M-2
BRY50W50	I-8, I-8, I-8
BRY50W50BK	I-8, I-8, I-8
BRY50W52	I-8
BRY50W52BK	I-8
BRY50W54	I-8
BRY50W54BK	I-8
BRY5100B5W	K-5
BRY5100B6W	K-5
BRY5100B7W	K-5
BRY5100B9W	K-5
BRY5100C5W	K-5
BRY5100C6W	K-5
BRY5100C7W	K-5
BRY5100C9W	K-5
BRY5100MI9W	K-11, K-14
BRY5100P5W	K-5
BRY5100P6W	K-5
BRY5100P7W	K-5
BRY5100P9W	K-5, K-11, K-14
BRY5100R5W	K-5
BRY5100R6W	K-5
BRY5100R7W	K-5
BRY5100R9W	K-5
BRY520B5S	K-6
BRY520B5W	K-4
BRY520B6S	K-6, K-7
BRY520B6W	K-4, K-5
BRY520B7S	K-6
BRY520B7W	K-4
BRY520B9S	K-6
BRY520B9W	K-4, K-5
BRY520C5S	K-6
BRY520C5W	K-4
BRY520C6S	K-6, K-7
BRY520C6W	K-4, K-5
BRY520C7S	K-6
BRY520C7W	K-4
BRY520C9S	K-6
BRY520C9W	K-4, K-5
BRY520P5S	K-6
BRY520P5W	K-4
BRY520P6S	K-6, K-7
BRY520P6W	K-4, K-5
BRY520P7S	K-6
BRY520P7W	K-4
BRY520P9S	K-6
BRY520P9W	K-4, K-5
BRY520R5S	K-6
BRY520R5W	K-4
BRY520R6S	K-6, K-7
BRY520R6W	K-4, K-5
BRY520R7S	K-6
BRY520R7W	K-4
BRY520R9S	K-6
BRY520R9W	K-4, K-5
BRY5262	A-8
BRY5262BCR	A-8, J-2
BRY5262BLK	A-8
BRY5262BLKWR	A-8
BRY5262BU	A-8
BRY5262BUWR	A-8
BRY5262CR	A-8, J-2
BRY5262GRY	A-8
BRY5262GRYWR	A-8
BRY5262I	A-8
BRY5262IG	A-8, D-6
BRY5262IGB	A-8
BRY5262IGGRY	A-8, D-6
BRY5262IGGRYWR	A-8
BRY5262IGI	A-8, D-6
BRY5262IGIWR	A-8
BRY5262IGW	A-8, D-6
BRY5262IGWR	A-8
BRY5262IGWWR	A-8
BRY5262IWR	A-8
BRY5262RED	A-8
BRY5262REDWR	A-8
BRY5262W	A-8
BRY5262WR	A-8
BRY5262WWR	A-8
BRY5266NP	A-20
BRY5266NPB	A-20
BRY5266NPCR	A-20, J-2
BRY5266NPOR	A-20
BRY5266NPSY	A-20
BRY5269NC	A-20
BRY5269NCB	A-20
BRY5269NCCR	A-20, J-2
BRY5269NCSY	A-20
BRY530B5S	K-6
BRY530B5W	K-4
BRY530B6S	K-6, K-7
BRY530B6W	K-4, K-5
BRY530B7S	K-6
BRY530B7W	K-4
BRY530B9S	K-6
BRY530B9W	K-4, K-5
BRY530C5S	K-6
BRY530C5W	K-4
BRY530C6S	K-6, K-7
BRY530C6W	K-4, K-5
BRY530C7S	K-6
BRY530C7W	K-4
BRY530C9S	K-6
BRY530C9W	K-4, K-5
BRY530MI5W	K-11, K-14
BRY530MI7W	K-11, K-14
BRY530MI9W	K-11, K-14
BRY530P5S	K-6
BRY530P5W	K-4, K-11, K-14
BRY530P6S	K-6, K-7
BRY530P6W	K-4, K-5
BRY530P7S	K-6
BRY530P7W	K-4, K-11, K-14
BRY530P9S	K-6
BRY530P9W	K-4, K-5, K-11, K-14
BRY530R5S	K-6
BRY530R5W	K-4
BRY530R6S	K-6, K-7
BRY530R6W	K-4, K-5
BRY530R7S	K-6
BRY530R7W	K-4
BRY530R9S	K-6
BRY530R9W	K-4, K-5
BRY5362	A-8
BRY5362BLK	A-8
BRY5362BLKWR	A-8
BRY5362BU	A-8
BRY5362BUWR	A-8
BRY5362CR	A-8, J-2
BRY5362GRY	A-8
BRY5362GRYWR	A-8
BRY5362I	A-8
BRY5362IG	A-8, D-6
BRY5362IGB	A-8
BRY5362IGGRY	A-8, D-6
BRY5362IGGRYWR	A-8
BRY5362IGI	A-8, D-6
BRY5362IGIWR	A-8
BRY5362IGW	A-8, D-6
BRY5362IGWR	A-8
BRY5362IGWWR	A-8
BRY5362IWR	A-8
BRY5362RED	A-8
BRY5362REDWR	A-8
BRY5362W	A-8
BRY5362WR	A-8
BRY5362WWR	A-8
BRY5366NP	A-20
BRY5366NPCR	A-20, J-2
BRY5366NPSY	A-20
BRY5369NC	A-20
BRY5369NCCR	A-20, J-2
BRY5369NCSY	A-20
BRY5462	A-8
BRY5462BLK	A-8
BRY5462CR	A-8, J-2
BRY5462GRY	A-8
BRY5462I	A-8
BRY5462IG	A-8, D-6
BRY5462RED	A-8
BRY5462W	A-8
BRY5466NP	A-20
BRY5466NPSY	A-20
BRY5469NC	A-20
BRY5469NCSY	A-20
BRY560B5S	K-6
BRY560B5W	K-4
BRY560B6S	K-6, K-7
BRY560B6W	K-4, K-5
BRY560B7S	K-6
BRY560B7W	K-4
BRY560B9S	K-6
BRY560B9W	K-4, K-5
BRY560C5S	K-6
BRY560C5W	K-4
BRY560C6S	K-6, K-7
BRY560C6W	K-4, K-5
BRY560C7S	K-6
BRY560C7W	K-4
BRY560C9S	K-6
BRY560C9W	K-4, K-5
BRY560MI5W	K-11, K-14
BRY560MI7W	K-11, K-14
BRY560MI9W	K-11, K-14
BRY560P5S	K-6
BRY560P5W	K-4, K-11, K-14
BRY560P6S	K-6, K-7
BRY560P6W	K-4, K-5
BRY560P7S	K-6
BRY560P7W	K-4, K-11, K-14
BRY560P9S	K-6
BRY560P9W	K-4, K-5, K-11, K-14
BRY560R5S	K-6
BRY560R5W	K-4
BRY560R6S	K-6, K-7
BRY560R6W	K-4, K-5
BRY560R7S	K-6
BRY560R7W	K-4
BRY560R9S	K-6
BRY560R9W	K-4, K-5
BRY5662	A-8
BRY5662BLK	A-8
BRY5662CR	A-8, J-2
BRY5662GRY	A-8
BRY5662I	A-8
BRY5662IG	A-8
BRY5662RED	A-8
BRY5662W	A-8
BRY5666NP	A-20
BRY5666NPSY	A-20
BRY5669NC	A-20
BRY5965Y	A-21
BRY5969Y	A-21
BRY6055	I-9
BRY6083	I-9
BRY6083AK	I-9
BRY6084	I-9
BRY6084AK	I-9
BRY60CM55	I-9
BRY60CM55W	I-9
BRY60CM83A	I-9
BRY60CM83AK	I-9
BRY60CM83WA	I-9
BRY60CM83WAK	I-9
BRY60CM84A	I-9
BRY60CM84AK	I-9
BRY60CM84WA	I-9
BRY60CM84WAK	I-9
BRY60CM88	I-9
BRY60CM88W	I-9
BRY60W33	I-4
BRY60W33D	I-4
BRY60W47	I-4
BRY60W47BK	I-4
BRY60W47D	I-4
BRY60W48	I-4
BRY60W48D	I-4
BRY60W49	I-4
BRY60W49D	I-4
BRY6500	I-8
BRY65W34	I-5
BRY65W34D	I-5
BRY65W47	I-5
BRY65W47D	I-5
BRY65W49	I-5
BRY65W49D	I-5
BRY6700	I-8
BRY67W08	I-6
BRY67W09	I-6

Alphanumeric Index

Catalog Number	Page
BRY67W47	I-6
BRY67W48	I-6
BRY67W48BK	I-6
BRY67W49	I-6
BRY67W74	I-6
BRY67W75	I-6
BRY67W75BK	I-6
BRY67W76	I-6
BRY67W76BK	I-6
BRY67W81	I-6
BRY67W82	I-6
BRY67W83	I-6
BRY6800	I-8
BRY69W08	I-7
BRY69W47	I-7
BRY69W48	I-7
BRY69W48BK	I-7
BRY69W49	I-7
BRY69W74	I-7
BRY69W75	I-7
BRY69W75BK	I-7
BRY69W76	I-7
BRY69W76BK	I-7
BRY69W77	I-7
BRY69W81	I-7
BRY69W82	I-7
BRY69W83	I-7
BRY6HG15	B-11, D-5
BRY6HG1520	B-11, D-5
BRY6HG6	B-11, D-5
BRY6HG620	B-11, D-5
BRY6HGUSB6	B-11, D-5
BRY6MG15	B-10, D-4
BRY6MG1520	B-10, D-4
BRY6MG6	B-10, D-4
BRY6MG620	B-10, D-4
BRY6MGRPT15	B-10, D-4
BRY6MGRPT1520	B-10, D-4
BRY6MGRPT6	B-10, D-4
BRY6MGRPT620	B-10, D-4
BRY6MPS	B-11, D-5
BRY6MPS1050	B-11, D-5
BRY6PPS	B-11, D-5
BRY6PS350	B-11, D-5
BRY6PS35015	B-11, D-5
BRY6SS15	B-11, D-5
BRY6SS1520	B-11, D-5
BRY6SS6	B-11, D-5
BRY6SS620	B-11, D-5
BRY7PS1050M	B-11, D-5
BRY8200	A-3, B-2
BRY8200GRY	A-3, B-2
BRY8200GRYL	A-3, B-2
BRY8200GRYWR	A-3, B-2
BRY8200GTR	A-3, B-2
BRY8200I	A-3, B-2
BRY8200IG	A-3, B-2, D-6
BRY8200IL	A-3, B-2
BRY8200ITR	A-3, B-2
BRY8200IWR	A-3, B-2
BRY8200RED	A-3, B-2
BRY8200REDL	A-3, B-2
BRY8200REDWR	A-3, B-2
BRY8200RTR	A-3, B-2
BRY8200TR	A-3, B-2
BRY8200W	A-3, B-2
BRY8200WL	A-3, B-2
BRY8200WR	A-3, B-2
BRY8200WTR	A-3, B-2
BRY8200WWR	A-3, B-2
BRY8266NP	A-7, B-6
BRY8269NC	A-7, B-6
BRY8300	A-3, B-2
BRY8300GRY	A-3, B-2
BRY8300GRYL	A-3, B-2
BRY8300GRYWR	A-3, B-2
BRY8300GTR	A-3, B-2
BRY8300I	A-3, B-2
BRY8300IG	A-3, B-2, D-6
BRY8300IL	A-3, B-2
BRY8300ITR	A-3, B-2
BRY8300IWR	A-3, B-2
BRY8300RED	A-3, B-2
BRY8300REDL	A-3, B-2
BRY8300REDWR	A-3, B-2
BRY8300RTR	A-3, B-2
BRY8300TR	A-3, B-2
BRY8300W	A-3, B-2
BRY8300WL	A-3, B-2
BRY8300WR	A-3, B-2
BRY8300WTR	A-3, B-2
BRY8300WWR	A-3, B-2
BRY8366NP	A-7, B-6
BRY8369NC	A-7, B-6
BRY8466NP	A-7, B-6
BRY8469NC	A-7, B-6
BRY8PS2100D	D-5
BRYATB	P-13, P-13, P-13
BRYAUX1	K-11
BRYAUX2	K-11
BRYC25143IN	L-14, M-4
BRYC25163AIN	L-14, M-4
BRYC25163C	M-3
BRYC40123TT	M-3
BRYC40163FL	L-14, M-4
BRYC40182AFL	L-14, M-4
BRYC40182LED	L-14, M-4
BRYFT10BK3	P-14
BRYFT10BK5	P-14
BRYFT10Y3	P-14
BRYFT10Y5	P-14
BRYFT2BG10	P-14
BRYFT2BK10	P-14
BRYFT2BR10	P-14
BRYFT2GY10	P-14
BRYFT2Y10	P-14
BRYFT3BG25	P-14
BRYFT3BG5	P-14
BRYFT3BK25	P-14
BRYFT3BK5	P-14
BRYFT3BR25	P-14
BRYFT3BR5	P-14
BRYFT3GY25	P-14
BRYFT3GY5	P-14
BRYFT3Y25	P-14
BRYFT3Y5	P-14
BRYFT4BK25	P-14
BRYFT4BK5	P-14
BRYFT4GY25	P-14
BRYFT4Y25	P-14
BRYFT4Y5	P-14
BRYFTT1	P-14
BRYFTT2	P-14
BRYI340PB	M-3
BRYI45123C20	M-3
BRYI45123GF20	M-3
BRYI45123GF220	M-3
BRYI45123R20	M-3
BRYI45123R220	M-3
BRYI45143C15	M-3
BRYI45143GF15	M-3
BRYI45143R15	M-3
BRYI45143R215	M-3
BRYIMB	M-3
BRYLEDHB100	L-12
BRYLEDHB120	L-12
BRYLEDHB60	L-12
BRYMHHB400	L-12
BRYMIRS20	K-11
BRYMIRS30	K-11
BRYMIRS60100	K-11
BRYML2825L	L-13
BRYMLMM	L-13
BRYP14FS	I-9
BRYPP10A	P-13
BRYPP10AAL	P-13
BRYPP10AI	P-13
BRYPP10IGA	P-13
BRYPP10IGAI	P-13
BRYPP10SA	P-13
BRYPP10SAI	P-13
BRYPP12A	P-13
BRYPP12AAL	P-13
BRYPP12AI	P-13
BRYPP15A	P-13
BRYPP15AAL	P-13
BRYPP15AI	P-13
BRYPPO12A	P-13
BRYPPO12AAL	P-13
BRYPPO12AI	P-13
BRYPPO15A	P-13
BRYPPO15AAL	P-13
BRYPPO15AI	P-13
BRYPPOA	P-13
BRYPPOAAL	P-13
BRYPPOAI	P-13
BRYPPTRIM1	P-13, P-13, P-13
BRYREP182S100	L-13
BRYREP182S50	L-13
BRYREP450LED	L-13
BRYREPPFB	L-13
BRYRPLCFT	K-11
BRYSTMC	L-12
BRYSTMG	L-12
BRYSTPG	L-12
BRYTW25F1	L-13
BRYWL25LED	L-13
BRYWL25LEDT	L-13
BRYWLMM	L-13
BRYWPBS	M-2
BRYWTB1	I-8, I-8, I-8
BRYWTB2	I-8
BRYWTB3	I-8
BRYWTCS1	I-8, I-8, I-8
BRYWTCS2	I-8
BRYWTCS3	I-8
BRYWTGF120	I-10
BRYWTGF240	I-10
BSLD	E-8
CBRS15	A-12
CBRS15BLK	A-12
CBRS15BLKTR	A-13
CBRS15BLKWR	A-13
CBRS15BLKWRTR	A-13
CBRS15C1	A-14
CBRS15C1BLK	A-14
CBRS15C1GRY	A-14, F-13
CBRS15C1I	A-14, F-13
CBRS15C1LA	A-14, F-13
CBRS15C1WHI	A-14, F-13
CBRS15C2	A-14
CBRS15C2BLK	A-14
CBRS15C2GRY	A-14
CBRS15C2I	A-14
CBRS15C2LA	A-14
CBRS15C2WHI	A-14
CBRS15GRY	A-12
CBRS15GRYTR	A-13
CBRS15GRYWR	A-13
CBRS15GRYWRTR	A-13
CBRS15I	A-12
CBRS15ITR	A-13
CBRS15IWR	A-13
CBRS15IWRTR	A-13
CBRS15LA	A-12
CBRS15LATR	A-13
CBRS15LAWR	A-13
CBRS15LAWRTR	A-13
CBRS15TR	A-13
CBRS15W	A-12
CBRS15WR	A-13
CBRS15WRTR	A-13
CBRS15WTR	A-13
CBRS15WWR	A-13
CBRS15WWRTR	A-13
CBRS20	A-12
CBRS20BLK	A-12
CBRS20BLKTR	A-13
CBRS20BLKWR	A-13
CBRS20BLKWRTR	A-13
CBRS20C1	A-14
CBRS20C1BLK	A-14
CBRS20C1GRY	A-14
CBRS20C1I	A-14
CBRS20C1LA	A-14
CBRS20C1WHI	A-14
CBRS20C2	A-14
CBRS20C2BLK	A-14
CBRS20C2GRY	A-14, F-13
CBRS20C2I	A-14, F-13
CBRS20C2LA	A-14, F-13
CBRS20C2WHI	A-14, F-13
CBRS20GRY	A-12
CBRS20GRYTR	A-13
CBRS20GRYWR	A-13
CBRS20GRYWRTR	A-13
CBRS20I	A-12
CBRS20ITR	A-13
CBRS20IWR	A-13
CBRS20IWRTR	A-13
CBRS20LA	A-12
CBRS20LATR	A-13
CBRS20LAWR	A-13
CBRS20LAWRTR	A-13
CBRS20TR	A-13
CBRS20W	A-12
CBRS20WR	A-13
CBRS20WRTR	A-13
CBRS20WTR	A-13
CBRS20WWR	A-13
CBRS20WWRTR	A-13
CC320A	K-4, K-5, K-6, K-7
CC330	K-4, K-5, K-5, K-6, K-7
CC420A	K-4, K-5, K-6
CC510	K-5
CC520	K-4, K-6
CC530	K-4, K-5, K-6
CC560	K-4, K-5, K-6, K-7
CR15IG	A-12, D-6
CR15IGI	A-12, D-6
CR15IGRY	A-12, D-6
CR15IGW	A-12, D-6
CR20IG	A-12, D-6
CR20IGI	A-12, D-6

Alphanumeric Index

Catalog Number	Page
CR20IGLA	D-6
CR20IGRY	A-12, D-6
CR20IGW	A-12, D-6
CRS15	A-12
CRS15BLK	A-12
CRS15BLKTR	A-13
CRS15GRY	A-12
CRS15GRYTR	A-13
CRS15I	A-12
CRS15ITR	A-13
CRS15LA	A-12
CRS15LATR	A-13
CRS15TR	A-13
CRS15W	A-12
CRS15WTR	A-13
CRS20	A-12, C-11
CRS20BLK	A-12
CRS20BLKTR	A-13
CRS20GRY	A-12
CRS20GRYTR	A-13
CRS20I	A-12
CRS20ITR	A-13
CRS20LA	A-12
CRS20LATR	A-13
CRS20TR	A-13
CRS20W	A-12
CRS20WTR	A-13
CS115B	E-5
CS115BGRY	E-5
CS115BI	E-5
CS115BLA	E-5
CS115BLK	E-5
CS115BW	E-5
CS120B	E-5
CS120BGRY	E-5
CS120BI	E-5
CS120BLA	E-5
CS120BLK	E-5
CS120BW	E-5
CS315B	E-5
CS315BGRY	E-5
CS315BI	E-5
CS315BLA	E-5
CS315BLK	E-5
CS315BW	E-5
CS320B	E-5
CS320BGRY	E-5
CS320BI	E-5
CS320BLA	E-5
CS320BLK	E-5
CS320BW	E-5
CS6360	H-21
CS6361	H-21
CS6364	H-21
CS6364L	C-11, H-21, L-10
CS6365	H-21
CS6365L	C-11, L-10
CS6369A	H-21, Q-18
CS6369L	C-11, H-21, L-10, Q-18
CS6370A	H-21, Q-18
CS6370L	Q-18
CS6375A	H-21
CS6375L	C-11, H-21, L-10, Q-19
CS6375LC	H-21
CS6377A	H-21
CS8164	H-21
CS8165	H-21
CS8169A	H-21, Q-18
CS8169L	Q-18
CS8175A	H-21
CS8264	H-21
CS8265	H-21
CS8269A	H-21, Q-18
CS8269L	Q-18
CS8275A	H-21
CS8364	H-21
CS8364L	H-21
CS8365	H-21
CS8365L	H-21
CS8369A	H-21, Q-18
CS8369L	H-21, Q-18
CS8375A	H-21
CS8375L	H-21, Q-19
CS8375LC	H-21
CS8375MBWP	H-21
CS8464	H-21
CS8465	H-21
CS8469A	H-21, Q-18
CS8469L	Q-18
CS8475A	H-21
CSB115B	E-5
CSB115BBLK	E-5
CSB115BGRY	E-5
CSB115BI	E-5
CSB115BLA	E-5
CSB115BW	E-5
CSB120B	E-5
CSB120BBLK	E-5
CSB120BGRY	E-5
CSB120BI	E-5
CSB120BLA	E-5
CSB120BRED	E-5
CSB120BW	E-5
CSB215B	E-5
CSB215BBLK	E-5
CSB215BGRY	E-5
CSB215BI	E-5
CSB215BLA	E-5
CSB215BW	E-5
CSB220B	E-5
CSB220BBLK	E-5
CSB220BGRY	E-5
CSB220BI	E-5
CSB220BLA	E-5
CSB220BRED	E-5
CSB220BW	E-5
CSB315B	E-5
CSB315BBLK	E-5
CSB315BGRY	E-5
CSB315BI	E-5
CSB315BLA	E-5
CSB315BW	E-5
CSB320B	E-5
CSB320BBLK	E-5
CSB320BGRY	E-5
CSB320BI	E-5
CSB320BLA	E-5
CSB320BRED	E-5
CSB320BW	E-5
CSB415B	E-5
CSB415BBLK	E-5
CSB415BGRY	E-5
CSB415BI	E-5
CSB415BLA	E-5
CSB415BW	E-5
CSB420B	E-5
CSB420BBLK	E-5
CSB420BGRY	E-5
CSB420BI	E-5
CSB420BLA	E-5
CSB420BRED	E-5
CSB420BW	E-5
D100NLIV	A-24
D100NLLA	A-24
D100NLW	A-24
DC100112	N-23
DC100114	N-23
DC1004112	N-24
DC1004114	N-24
DC1009112	N-24
DC1009114	N-24
DC112112	N-23
DC112114	N-23
DC1124112	N-24
DC1124114	N-24
DC1129112	N-24
DC1129114	N-24
DC125112	N-23
DC125114	N-23
DC1254112	N-24
DC1254114	N-24
DC1259112	N-24
DC1259114	N-24
DC131112	N-23
DC1312	N-23
DC143112	N-23
DC1432	N-23
DC156112	N-23
DC1562	N-23
DC168112	N-23
DC1682	N-23
DC168212	N-23
DC1752	N-23
DC1812	N-23
DC181212	N-23
DC181X2	N-23
DC1834	N-23
DC18912	N-24
DC1932	N-23
DC193212	N-23
DC1933	N-23
DC2062	N-23
DC206212	N-23
DC2063	N-23
DC218212	N-23
DC2183	N-23
DC231212	N-23
DC2313	N-23
DC2433	N-23
DC2512	N-23
DC2534	N-23
DC2538	N-23
DC25412	N-24
DC25912	N-24
DC25938	N-24
DC25F12	N-24
DC25F34	N-24
DC2623	N-23
DC2813	N-23
DC3138	N-23
DC31938	N-24
DC3712	N-23
DC3734	N-23
DC3738	N-23
DC37412	N-24
DC37912	N-24
DC37934	N-24
DC37938	N-24
DC37F12	N-24
DC37F34	N-24
DC501	N-23
DC5012	N-23
DC5034	N-23
DC5041	N-24
DC50412	N-24
DC50434	N-24
DC5091	N-24
DC50912	N-24
DC50934	N-24
DC50F12	N-24
DC50F34	N-24
DC621	N-23
DC6212	N-23
DC6234	N-23
DC6241	N-24
DC62434	N-24
DC6291	N-24
DC62934	N-24
DC62F34	N-24
DC751	N-23
DC7534	N-23
DC7541	N-24
DC7591	N-24
DC871	N-23
DC87112	N-23
DC87114	N-23
DC8741	N-24
DC8791	N-24
DC879114	N-24
DM20301	K-10
DM602	K-10
DR15NLIV	A-18
DR15NLLA	A-18
DR15NLWH	A-18
DRS15	A-12
DRS15BLK	A-12
DRS15BLKTR	A-13
DRS15BLKWRTR	A-13
DRS15C1	A-14
DRS15C1BLK	A-14
DRS15C1GRY	A-14, F-13
DRS15C1I	A-14, F-13
DRS15C1LA	A-14, F-13
DRS15C1WHI	A-14, F-13
DRS15C2	A-14
DRS15C2BLK	A-14
DRS15C2GRY	A-14
DRS15C2I	A-14
DRS15C2LA	A-14
DRS15C2WHI	A-14
DRS15GRY	A-12
DRS15GRYTR	A-13
DRS15GRYWRTR	A-13
DRS15I	A-12
DRS15ITR	A-13
DRS15IWRTR	A-13
DRS15LA	A-12
DRS15LATR	A-13
DRS15LAWRTR	A-13
DRS15NLI	A-13
DRS15NLLA	A-13
DRS15NLW	A-13
DRS15TR	A-13
DRS15WHI	A-12
DRS15WRTR	A-13
DRS15WTR	A-13
DRS15WWRTR	A-13
DRS20	A-12
DRS20BLK	A-12
DRS20BLKTR	A-13
DRS20BLKWRTR	A-13
DRS20C1	A-14
DRS20C1BLK	A-14
DRS20C1GRY	A-14

Alphanumeric Index

Catalog Number	Page
DRS20C1I	A-14
DRS20C1LA	A-14
DRS20C1WHI	A-14
DRS20C2	A-14
DRS20C2BLK	A-14
DRS20C2GRY	A-14, F-13
DRS20C2I	A-14, F-13
DRS20C2LA	A-14, F-13
DRS20C2WHI	A-14, F-13
DRS20GRY	A-12
DRS20GRYTR	A-13
DRS20GRYWRTR	A-13
DRS20I	A-12
DRS20ITR	A-13
DRS20IWRTR	A-13
DRS20LA	A-12
DRS20LATR	A-13
DRS20LAWRTR	A-13
DRS20TR	A-13
DRS20WHI	A-12
DRS20WRTR	A-13
DRS20WTR	A-13
DRS20WWRTR	A-13
DT5012I	F-7
DT5012LA	F-7
DT5012W	F-7
DT5030I	F-7
DT5030LA	F-7
DT5030W	F-7
DT5060I	F-7
DT5060LA	F-7
DT5060W	F-7
FC100	N-25
FC10045	N-25
FC10090	N-25
FC125	N-25
FC12545	N-25
FC12590	N-25
FC150	N-25
FC15045	N-25
FC15090	N-25
FC200	N-25
FC20045	N-25
FC20090	N-25
FC250	N-25
FC25090	N-25
FC300	N-25
FC38	N-25
FC3845	N-25
FC3890	N-25
FC400	N-25
FC50	N-25
FC5045	N-25
FC5090	N-25
FC75	N-25
FC7545	N-25
FC7590	N-25
FLOCK1	R-7
FRG625	R-9
FRG6C25	R-9
FS25A	O-6
FS2A	O-6
FS4A	O-6
FSL1FR	H-14, Q-18
FSL1NC	H-14
FSL1NP	H-14
FSL2FR	H-14, Q-18
FSL2NC	H-14
FSL2NP	H-14
FSL3FR	H-14, Q-18
FSL3NC	H-14
FSL3NP	H-14
FSL4FR	H-14, Q-18
FSL4NC	H-14
FSL4NP	H-14
FSPFP6X	R-7
FSPHD6X	R-7
FT202WA	K-10
FT302WA	K-10
FTD03718	N-22
FTD05018	N-22
FTD05024	N-22
FTD06218	N-22
FTD06224	N-22
FTD06236	N-22
FTD07524	N-22
FTD07536	N-22
FTD07548	N-22
FTD07572	N-22
FTD10024	N-22
FTD10036	N-22
FTD10048	N-22
FTD10072	N-22
FW60100A	K-10, K-10
GFBFST20	C-4
GFBFST20BK	C-4
GFBFST20GY	C-4
GFBFST20I	C-4
GFBFST20LA	C-4
GFBFST20R	C-4
GFBFST20W	C-4
GFC25M	C-9
GFC2A	C-9
GFC2M	C-9
GFC2TRIA	C-9
GFC2TRIM	C-9
GFCI115	C-8
GFCI15125A	C-9
GFCI15125M	C-9
GFCI15125TRIA	C-9
GFCI15125TRIM	C-9
GFCI2515	C-8
GFCI615	C-8
GFCL15A	C-9
GFMD120A	C-7
GFMD120M	C-7
GFMD240A	C-7
GFMD240M	C-7
GFP153R	C-8
GFP15A	C-9
GFP15MA	C-9
GFRST15	C-4
GFRST15B	C-4
GFRST15BK	C-4
GFRST15BKB	C-4
GFRST15BKNL	C-4
GFRST15GY	C-4
GFRST15GYB	C-4
GFRST15GYNL	C-4
GFRST15I	C-4
GFRST15I3	C-4
GFRST15IB	C-4
GFRST15INL	C-4
GFRST15LA	C-4
GFRST15LA3	C-4
GFRST15LAB	C-4
GFRST15LANL	C-4
GFRST15NL	C-4
GFRST15R	C-4
GFRST15RB	C-4
GFRST15RNL	C-4
GFRST15W	C-4
GFRST15W3	C-4
GFRST15WB	C-4
GFRST15WNL	C-4
GFRST20	C-4
GFRST20B	C-4
GFRST20BK	C-4
GFRST20BKB	C-4
GFRST20BKNL	C-4
GFRST20GY	C-4
GFRST20GYB	C-4
GFRST20GYNL	C-4
GFRST20I	C-4
GFRST20I3	C-4
GFRST20IB	C-4
GFRST20INL	C-4
GFRST20LA	C-4
GFRST20LA3	C-4
GFRST20LAB	C-4
GFRST20LANL	C-4
GFRST20NL	C-4
GFRST20R	C-4
GFRST20RB	C-4
GFRST20RNL	C-4
GFRST20W	C-4
GFRST20W3	C-4
GFRST20WB	C-4
GFRST20WNL	C-4
GFSPST15I	C-3, E-7
GFSPST15LA	C-3, E-7
GFSPST15W	C-3, E-7
GFST82	B-7, C-4
GFST82B	B-7, C-4
GFST82BK	B-7, C-4
GFST82BKB	B-7, C-4
GFST82BKIG	B-8, C-5
GFST82BKNL	B-7, C-4
GFST82BKTR	B-8, C-5
GFST82BKTRB	B-7, C-3
GFST82BKTRNL	B-7, C-3
GFST82GY	B-7, C-4
GFST82GYB	B-7, C-4
GFST82GYIG	B-8, C-5
GFST82GYNL	B-7, C-4
GFST82GYTR	B-8, C-5
GFST82GYTRB	B-7, C-3
GFST82GYTRNL	B-7, C-3
GFST82I	B-7, C-4
GFST82IB	B-7, C-4
GFST82IG	B-8, C-5
GFST82IIG	B-8, C-5
GFST82INL	B-7, C-4
GFST82ITR	B-8, C-5
GFST82ITRB	B-7, C-3
GFST82ITRNL	B-7, C-3
GFST82LA	B-7, C-4
GFST82LAB	B-7, C-4
GFST82LAIG	B-8, C-5
GFST82LANL	B-7, C-4
GFST82LATR	B-8, C-5
GFST82LATRB	B-7, C-3
GFST82LATRNL	B-7, C-3
GFST82NL	B-7, C-4
GFST82ORIG	B-8, C-5
GFST82R	B-7, C-4
GFST82RB	B-7, C-4
GFST82RIG	B-8, C-5
GFST82RNL	B-7, C-4
GFST82RTR	B-8, C-5
GFST82RTRB	B-7, C-3
GFST82RTRNL	B-7, C-3
GFST82TR	B-8, C-5
GFST82TRB	B-7, C-3
GFST82TRNL	B-7, C-3
GFST82W	B-7, C-4
GFST82WB	B-7, C-4
GFST82WIG	B-8, C-5
GFST82WNL	B-7, C-4
GFST82WTR	B-8, C-5
GFST82WTRB	B-7, C-3
GFST82WTRNL	B-7, C-3
GFST83	B-7, C-4
GFST83B	B-7, C-4
GFST83BK	B-7, C-4
GFST83BKB	B-7, C-4
GFST83BKIG	B-8, C-5
GFST83BKNL	B-7, C-4
GFST83BKTR	B-8, C-5
GFST83BKTRB	B-7, C-3
GFST83BKTRNL	B-7, C-3
GFST83GY	B-7, C-4
GFST83GYB	B-7, C-4
GFST83GYIG	B-8, C-5
GFST83GYNL	B-7, C-4
GFST83GYTR	B-8, C-5
GFST83GYTRB	B-7, C-3
GFST83GYTRNL	B-7, C-3
GFST83I	B-7, C-4
GFST83IB	B-7, C-4
GFST83IG	B-8, C-5
GFST83IIG	B-8, C-5
GFST83INL	B-7, C-4
GFST83ITR	B-8, C-5
GFST83ITRB	B-7, C-3
GFST83ITRNL	B-7, C-3
GFST83LA	B-7, C-4
GFST83LAB	B-7, C-4
GFST83LAIG	B-8, C-5
GFST83LANL	B-7, C-4
GFST83LATR	B-8, C-5
GFST83LATRB	B-7, C-3
GFST83LATRNL	B-7, C-3
GFST83NL	B-7, C-4
GFST83ORIG	B-8, C-5
GFST83R	B-7, C-4
GFST83RB	B-7, C-4
GFST83RIG	B-8, C-5
GFST83RNL	B-7, C-4
GFST83RTR	B-8, C-5
GFST83RTRB	B-7, C-3
GFST83RTRNL	B-7, C-3
GFST83TR	B-8, C-5
GFST83TRB	B-7, C-3
GFST83TRNL	B-7, C-3
GFST83W	B-7, C-4
GFST83WB	B-7, C-4
GFST83WIG	B-8, C-5
GFST83WNL	B-7, C-4
GFST83WTR	B-8, C-5
GFST83WTRB	B-7, C-3
GFST83WTRNL	B-7, C-3
GFTRST15	C-3
GFTRST15B	C-3
GFTRST15BK	C-3
GFTRST15BKB	C-3
GFTRST15BKNL	C-3
GFTRST15GY	C-3
GFTRST15GYB	C-3
GFTRST15GYNL	C-3
GFTRST15I	C-3
GFTRST15I3	C-3
GFTRST15IB	C-3
GFTRST15INL	C-3

Alphanumeric Index

Catalog Number	Page
GFTRST15LA	C-3
GFTRST15LA3	C-3
GFTRST15LAB	C-3
GFTRST15LANL	C-3
GFTRST15NL	C-3
GFTRST15R	C-3
GFTRST15RB	C-3
GFTRST15RNL	C-3
GFTRST15W	C-3
GFTRST15W3	C-3
GFTRST15WB	C-3
GFTRST15WNL	C-3
GFTRST20	C-3
GFTRST20B	C-3
GFTRST20BK	C-3
GFTRST20BKB	C-3
GFTRST20BKNL	C-3
GFTRST20GY	C-3
GFTRST20GYB	C-3
GFTRST20GYNL	C-3
GFTRST20I	C-3
GFTRST20I3	C-3
GFTRST20IB	C-3
GFTRST20INL	C-3
GFTRST20LA	C-3
GFTRST20LA3	C-3
GFTRST20LAB	C-3
GFTRST20LANL	C-3
GFTRST20NL	C-3
GFTRST20R	C-3
GFTRST20RB	C-3
GFTRST20RNL	C-3
GFTRST20W	C-3
GFTRST20W3	C-3
GFTRST20WB	C-3
GFTRST20WNL	C-3
GFTWRST15	C-5
GFTWRST15BK	C-5
GFTWRST15BKIG	C-5
GFTWRST15GY	C-5
GFTWRST15GYIG	C-5
GFTWRST15I	C-5
GFTWRST15IG	C-5
GFTWRST15IIG	C-5
GFTWRST15LA	C-5
GFTWRST15LAIG	C-5
GFTWRST15ORIG	C-5
GFTWRST15R	C-5
GFTWRST15RIG	C-5
GFTWRST15W	C-5
GFTWRST15WIG	C-5
GFTWRST20	C-5
GFTWRST20BK	C-5
GFTWRST20BKIG	C-5
GFTWRST20GY	C-5
GFTWRST20GYIG	C-5
GFTWRST20I	C-5
GFTWRST20IG	C-5
GFTWRST20IIG	C-5
GFTWRST20LA	C-5
GFTWRST20LAIG	C-5
GFTWRST20ORIG	C-5
GFTWRST20R	C-5
GFTWRST20RIG	C-5
GFTWRST20W	C-5
GFTWRST20WIG	C-5
GFWRST15	C-5
GFWRST15BK	C-5
GFWRST15GY	C-5
GFWRST15I	C-5
GFWRST15LA	C-5
GFWRST15R	C-5
GFWRST15W	C-5
GFWRST20	C-5
GFWRST20BK	C-5
GFWRST20GY	C-5
GFWRST20I	C-5
GFWRST20LA	C-5
GFWRST20R	C-5
GFWRST20W	C-5
HBL15BW	L-4
HBL15CF	L-4
HBL15DFBK	L-4
HBL15DFBL	L-4
HBL15DFGN	L-4
HBL15DFR	L-4
HBL15DFW	L-4
HBL15DMBK	L-4
HBL15DMBL	L-4
HBL15DMGN	L-4
HBL15DMR	L-4
HBL15DMW	L-4
HBL15F2	L-4
HBL15F4	L-4
HBL15FBBK	L-4
HBL15FBBL	L-4
HBL15FBGN	L-4
HBL15FBK	L-3
HBL15FBL	L-3
HBL15FBN	L-3
HBL15FBR	L-4
HBL15FBW	L-4
HBL15FCAPBK	L-4
HBL15FCAPBL	L-4
HBL15FCAPGN	L-4
HBL15FCAPR	L-4
HBL15FCAPW	L-4
HBL15FGN	L-3
HBL15FGY	L-3
HBL15FO	L-3
HBL15FR	L-3
HBL15FRBK	L-3
HBL15FRBL	L-3
HBL15FRBN	L-3
HBL15FRGN	L-3
HBL15FRGY	L-3
HBL15FRO	L-3
HBL15FRR	L-3
HBL15FRSBK	L-3
HBL15FRSBL	L-3
HBL15FRSBN	L-3
HBL15FRSGN	L-3
HBL15FRSO	L-3
HBL15FRSR	L-3
HBL15FRSW	L-3
HBL15FRSY	L-3
HBL15FRW	L-3
HBL15FRY	L-3
HBL15FW	L-3
HBL15FY	L-3
HBL15MBBK	L-4
HBL15MBBL	L-4
HBL15MBGN	L-4
HBL15MBK	L-3
HBL15MBL	L-3
HBL15MBN	L-3
HBL15MBR	L-4
HBL15MBW	L-4
HBL15MCAPBK	L-4
HBL15MCAPBL	L-4
HBL15MCAPGN	L-4
HBL15MCAPR	L-4
HBL15MCAPW	L-4
HBL15MGN	L-3
HBL15MGY	L-3
HBL15MO	L-3
HBL15MR	L-3
HBL15MRBK	L-3
HBL15MRBL	L-3
HBL15MRBN	L-3
HBL15MRGN	L-3
HBL15MRGY	L-3
HBL15MRO	L-3
HBL15MRR	L-3
HBL15MRSBK	L-3
HBL15MRSBL	L-3
HBL15MRSBN	L-3
HBL15MRSGN	L-3
HBL15MRSO	L-3
HBL15MRSR	L-3
HBL15MRSW	L-3
HBL15MRSY	L-3
HBL15MRW	L-3
HBL15MRY	L-3
HBL15MW	L-3
HBL15MY	L-3
HBL15NCBK	L-4
HBL15NCBL	L-4
HBL15NCBN	L-4
HBL15NCC	L-4
HBL15NCGN	L-4
HBL15NCO	L-4
HBL15NCR	L-4
HBL15NCW	L-4
HBL15NCY	L-4
HBL15PK	L-4
HBL15PTBK	L-4
HBL15PTBL	L-4
HBL15PTGN	L-4
HBL15PTR	L-4
HBL15PTW	L-4
HBL15RCF	L-4
HBL15RCM	L-4
HBL15RS	L-4
HBL15TBK	L-4
HBL15TBL	L-4
HBL15TGN	L-4
HBL15TR	L-4
HBL15TS25	L-4
HBL15TS375	L-4
HBL15TW	L-4
HBL2000TFGY	P-9
HBL2000TFIV	P-9
HBL2000WCA	P-9
HBL2001C	P-9, P-10
HBL2003SC	P-10
HBL2003SC	P-9
HBL2006GY	P-9
HBL2006IV	P-9, P-10
HBL2009GC	P-9
HBL2010A2GY	P-9
HBL2010A2IV	P-9, P-10
HBL2010A3GY	P-9
HBL2010A3IV	P-9, P-10
HBL2010BGY	P-9
HBL2010BIV	P-9, P-10
HBL2011BRGY	P-9
HBL2011BRIV	P-9
HBL2011GY	P-9
HBL2011IV	P-9, P-10
HBL2015BRGY	P-9
HBL2015BRIV	P-9
HBL2015GY	P-9
HBL2015IV	P-9, P-10
HBL2017BRGY	P-9
HBL2017BRIV	P-9
HBL2017TC	P-10
HBL2017TC	P-9
HBL2018BRGY	P-9
HBL2018BRIV	P-9
HBL2018CGY	P-9
HBL2018CIV	P-9, P-10
HBL20482GY	P-9
HBL20482IV	P-9, P-10
HBL2048GY	P-9
HBL2048IV	P-9, P-10
HBL2051HGY	P-9
HBL2051HIV	P-9
HBL2089EIV	P-9
HBL2089IV	P-9
HBL20GB306GY	P-10
HBL20GB306GYTR	P-10
HBL20GB306IV	P-10
HBL20GB306IVTR	P-10
HBL20GB312UIV	P-10
HBL20GB506GY	P-10
HBL20GB506IV	P-10
HBL20GB512GY	P-10
HBL20GB512GYTR	P-10
HBL20GB512IV	P-10
HBL20GB512IVTR	P-10
HBL20GB606GY	P-10
HBL20GB606IV	P-10
HBL20GB609GY	P-10
HBL20GB609IV	P-10
HBL20GB612GY	P-10
HBL20GB612IV	P-10
HBL20GB612UIV	P-10
HBL20GB618GY	P-10
HBL20GB618IV	P-10
HBL20GBA512GY	P-10
HBL20GBA512IV	P-10
HBL20GBA609GY	P-10
HBL20GBA609IV	P-10
HBL20GBA612GY	P-10
HBL20GBA612IV	P-10
HBL20GBA618GY	P-10
HBL20GBA618IV	P-10
HBL20IG306GY	P-10
HBL20IG306IV	P-10
HBL20IG506GY	P-10
HBL20IG506IV	P-10
HBL20IG512GY	P-10
HBL20IG512IV	P-10
HBL20IG606GY	P-10
HBL20IG606IV	P-10
HBL24GB306GY	P-10
HBL24GB306GYTR	P-10
HBL24GB306IV	P-10
HBL24GB306IVTR	P-10
HBL24GB506GY	P-10
HBL24GB506IV	P-10
HBL24GB512GY	P-10
HBL24GB512GYTR	P-10
HBL24GB512IV	P-10
HBL24GB512IVTR	P-10
HBL24GB606GY	P-10
HBL24GB606IV	P-10
HBL24GB612GY	P-10
HBL24GB612IV	P-10
HBL24GB618GY	P-10
HBL24GB618IV	P-10
HBL24GBA512GY	P-10
HBL24GBA512IV	P-10

Specifications are subject to change without notice.

Alphanumeric Index

Catalog Number	Page
HBL24GBA612GY	P-10
HBL24GBA612IV	P-10
HBL24GBA618GY	P-10
HBL24GBA618IV	P-10
HBL300FBK	L-5
HBL300FBL	L-5
HBL300FBN	L-5
HBL300FGN	L-5
HBL300FO	L-5
HBL300FR	L-5
HBL300FW	L-5
HBL300FY	L-5
HBL300MBK	L-5
HBL300MBL	L-5
HBL300MBN	L-5
HBL300MGN	L-5
HBL300MO	L-5
HBL300MR	L-5
HBL300MW	L-5
HBL300MY	L-5
HBL300RCF	L-8
HBL300RCM	L-8
HBL400FBK	L-5
HBL400FBL	L-5
HBL400FBN	L-5
HBL400FGN	L-5
HBL400FGY	L-5
HBL400FO	L-5
HBL400FR	L-5
HBL400FW	L-5
HBL400FY	L-5
HBL400MBK	L-5
HBL400MBL	L-5
HBL400MBN	L-5
HBL400MGN	L-5
HBL400MGY	L-5
HBL400MO	L-5
HBL400MR	L-5
HBL400MW	L-5
HBL400MY	L-5
HBL400RCF	L-8
HBL400RCM	L-8
HBL50010IV	P-7
HBL50010W	P-7
HBL5005IV	P-7
HBL500TFIV	P-7
HBL502B	P-7
HBL504IV	P-7
HBL504W	P-7
HBL506IV	P-7
HBL506W	P-7
HBL511IV	P-7
HBL511W	P-7
HBL512IV	P-7
HBL517IV	P-7
HBL517W	P-7
HBL518IV	P-7
HBL518W	P-7
HBL5700FIVA	P-7
HBL5700FWA	P-7
HBL5701C	P-7
HBL5703IV	P-7
HBL5703W	P-7
HBL5709	P-8
HBL5711BRIVA	P-7
HBL5711LHIVA	P-7
HBL5711LHWA	P-7
HBL5711RHIVA	P-7
HBL5711RHWA	P-7
HBL5715BRIVA	P-7
HBL5715IVA	P-7
HBL5715WA	P-7
HBL5717BRIVA	P-7
HBL5718BRIVA	P-7
HBL5719IVA	P-7
HBL5719WA	P-7
HBL57242IVA	P-8
HBL57242WA	P-8
HBL5731IV	P-8
HBL5733IVA	P-8
HBL5735IVA	P-8
HBL5736IV	P-8
HBL5736W	P-8
HBL5737AIVA	P-8
HBL5737AWA	P-8
HBL5737IVA	P-8
HBL5737WA	P-8
HBL5738AFIVA	P-8
HBL5738AFWA	P-8
HBL5738AIVA	P-8
HBL5738AWA	P-8
HBL5738IVA	P-8
HBL5738WA	P-8
HBL5739AABIVA	P-8
HBL5739AABWA	P-8
HBL5739AIVA	P-8
HBL5739IVA	P-8
HBL5739WA	P-8
HBL57442IVA	P-8
HBL57442WA	P-8
HBL57443IVA	P-8
HBL5744IVA	P-8
HBL5744S2IVA	P-8
HBL5744S2WA	P-8
HBL5744S3IVA	P-8
HBL5744SIVA	P-8
HBL5744SWA	P-8
HBL5744WA	P-8
HBL5745IVA	P-8
HBL5745WA	P-8
HBL57472IVA	P-8
HBL57472WA	P-8
HBL57473IVA	P-8
HBL5747IVA	P-8
HBL5747WA	P-8
HBL57482IVA	P-8
HBL57482WA	P-8
HBL57483IVA	P-8
HBL57483WA	P-8
HBL57484IVA	P-8
HBL57485IVA	P-8
HBL57486IVA	P-8
HBL5748IVA	P-8
HBL5748SIVA	P-8
HBL5748SWA	P-8
HBL5748WA	P-8
HBL57512IVA	P-8
HBL57513IVA	P-8
HBL5751AIVA	P-8
HBL5751AWA	P-8
HBL5751IVA	P-8
HBL5751WA	P-8
HBL5752IVA	P-8
HBL5752RA	P-8
HBL5753IVA	P-8
HBL5753RA	P-8
HBL5760IVA	P-8
HBL5780	P-8
HBL5781	P-8
HBL5782A	P-8
HBL5782C	P-8
HBL5783IVA	P-7
HBL5784IVA	P-7
HBL5785AIVA	P-7
HBL5785AWA	P-7
HBL5786AIVA	P-7
HBL5786AWA	P-7
HBL5786IVA	P-7
HBL5786WA	P-7
HBL600B	P-8
HBL605CUT	P-8
HBL605K	P-8
HBL607CUT	P-8
HBL607K	P-8
HBL620BCK	P-9
HBL620C	P-9
HBL7002B	P-7
HBL7004IV	P-7
HBL7004W	P-7
HBL7006IV	P-7
HBL7006W	P-7
HBL700CUT	P-8
HBL700IV	P-7
HBL700K	P-8
HBL700TFIV	P-7
HBL700W	P-7
HBL711IVA	P-7
HBL711WA	P-7
HBL712IVA	P-7
HBL717IVA	P-7
HBL717WA	P-7
HBL718IVA	P-7
HBL718WA	P-7
HBL7341	Q-17
HBL7341SS	Q-16
HBL7342RKL	Q-16
HBL7372RKL	Q-16
HBL75010IV	P-7
HBL75010W	P-7
HBL7502B	P-7
HBL7504IV	P-7
HBL7504W	P-7
HBL7505IV	P-7
HBL7506IV	P-7
HBL7506W	P-7
HBL750TFIV	P-7
HBL7DBBK	L-7
HBL7DBBL	L-7
HBL7DBBN	L-7
HBL7DBGN	L-7
HBL7DBO	L-7
HBL7DBR	L-7
HBL7DBW	L-7
HBL7DBY	L-7
HBL985	R-2
HBL986	R-2
HBL989	R-2
HBL989AVD	R-3
HBLBW	L-8
HBLCF	L-8
HBLDFBK	L-8
HBLDFBL	L-8
HBLDFBN	L-8
HBLDFGN	L-8
HBLDFO	L-8
HBLDFR	L-8
HBLDFW	L-8
HBLDFY	L-8
HBLDMBK	L-8
HBLDMBL	L-8
HBLDMBN	L-8
HBLDMGN	L-8
HBLDMO	L-8
HBLDMR	L-8
HBLDMW	L-8
HBLDMY	L-8
HBLF3FSGN	L-7
HBLF3MBK	L-7
HBLF3MBL	L-7
HBLF3MBN	L-7
HBLF3MGN	L-7
HBLF3MO	L-7
HBLF3MR	L-7
HBLF3MW	L-7
HBLF3MY	L-7
HBLFBBK	L-8
HBLFBBL	L-8
HBLFBBN	L-8
HBLFBGN	L-8
HBLFBO	L-8
HBLFBR	L-8
HBLFBW	L-8
HBLFBY	L-8
HBLFCAPBK	L-8
HBLFCAPBL	L-8
HBLFCAPBN	L-8
HBLFCAPGN	L-8
HBLFCAPO	L-8
HBLFCAPR	L-8
HBLFCAPW	L-8
HBLFCAPY	L-8
HBLFOABK	L-7
HBLFOABL	L-7
HBLFOABN	L-7
HBLFOAGN	L-7
HBLFOAO	L-7
HBLFOAR	L-7
HBLFOAW	L-7
HBLFOAY	L-7
HBLFOSBK	L-7
HBLFOSBL	L-7
HBLFOSBN	L-7
HBLFOSGN	L-7
HBLFOSO	L-7
HBLFOSR	L-7
HBLFOSW	L-7
HBLFOSY	L-7
HBLFRABBK	L-6
HBLFRABBL	L-6
HBLFRABBN	L-6
HBLFRABGN	L-6
HBLFRABK	L-5
HBLFRABL	L-5
HBLFRABN	L-5
HBLFRABO	L-6
HBLFRABR	L-6
HBLFRABW	L-6
HBLFRABY	L-6
HBLFRAGN	L-5
HBLFRAO	L-5
HBLFRAR	L-5
HBLFRASBK	L-6
HBLFRASBL	L-6
HBLFRASBN	L-6
HBLFRASGN	L-6
HBLFRASO	L-6
HBLFRASR	L-6
HBLFRASW	L-6
HBLFRASY	L-6
HBLFRAW	L-5
HBLFRAY	L-5
HBLFRB2BK	L-6
HBLFRB2BL	L-6
HBLFRB2BN	L-6

Alphanumeric Index

Catalog Number	Page
HBLFRB2GN	L-6
HBLFRB2O	L-6
HBLFRB2R	L-6
HBLFRB2W	L-6
HBLFRB2Y	L-6
HBLFRBBK	L-6
HBLFRBBL	L-6
HBLFRBBN	L-6
HBLFRBGN	L-6
HBLFRBK	L-5
HBLFRBL	L-5
HBLFRBN	L-5
HBLFRBO	L-6
HBLFRBR	L-6
HBLFRBW	L-6
HBLFRBY	L-6
HBLFRGN	L-5
HBLFRGY	L-5
HBLFRO	L-5
HBLFRR	L-5
HBLFRSBK	L-5
HBLFRSBL	L-5
HBLFRSBN	L-5
HBLFRSCBK	L-5
HBLFRSCBL	L-5
HBLFRSCBN	L-5
HBLFRSCEBK	L-6
HBLFRSCEBL	L-6
HBLFRSCEBN	L-6
HBLFRSCEGN	L-6
HBLFRSCEO	L-6
HBLFRSCER	L-6
HBLFRSCEW	L-6
HBLFRSCEY	L-6
HBLFRSCGN	L-5
HBLFRSCO	L-5
HBLFRSCR	L-5
HBLFRSCW	L-5
HBLFRSCY	L-5
HBLFRSGN	L-5
HBLFRSO	L-5
HBLFRSR	L-5
HBLFRSW	L-5
HBLFRSY	L-5
HBLFRW	L-5
HBLFRY	L-5
HBLGWEP	P-9
HBLIMFBK	R-16
HBLIMFGY	R-16
HBLIMFI	R-16
HBLIMFWA	R-16
HBLIWEP	P-8, P-9
HBLM3FBK	L-7
HBLM3FBL	L-7
HBLM3FBN	L-7
HBLM3FGN	L-7
HBLM3FO	L-7
HBLM3FR	L-7
HBLM3FSBK	L-7
HBLM3FW	L-7
HBLM3FY	L-7
HBLMBBK	L-8
HBLMBBL	L-8
HBLMBBN	L-8
HBLMBGN	L-8
HBLMBO	L-8
HBLMBR	L-8
HBLMBW	L-8
HBLMBY	L-8
HBLMCAPBK	L-8
HBLMCAPBL	L-8
HBLMCAPBN	L-8
HBLMCAPGN	L-8
HBLMCAPO	L-8
HBLMCAPR	L-8
HBLMCAPW	L-8
HBLMCAPY	L-8
HBLMOABK	L-7
HBLMOABL	L-7
HBLMOABN	L-7
HBLMOAGN	L-7
HBLMOAO	L-7
HBLMOAR	L-7
HBLMOAW	L-7
HBLMOAY	L-7
HBLMOSBK	L-7
HBLMOSBL	L-7
HBLMOSBN	L-7
HBLMOSGN	L-7
HBLMOSO	L-7
HBLMOSR	L-7
HBLMOSW	L-7
HBLMOSY	L-7
HBLMRABBK	L-6
HBLMRABBL	L-6
HBLMRABBN	L-6
HBLMRABGN	L-6
HBLMRABK	L-5
HBLMRABL	L-5
HBLMRABN	L-5
HBLMRABO	L-6
HBLMRABR	L-6
HBLMRABW	L-6
HBLMRABY	L-6
HBLMRAGN	L-5
HBLMRAO	L-5
HBLMRAR	L-5
HBLMRASBK	L-6
HBLMRASBL	L-6
HBLMRASBN	L-6
HBLMRASGN	L-6
HBLMRASO	L-6
HBLMRASR	L-6
HBLMRASW	L-6
HBLMRASY	L-6
HBLMRAW	L-5
HBLMRAY	L-5
HBLMRB2BK	L-6
HBLMRB2BL	L-6
HBLMRB2BN	L-6
HBLMRB2GN	L-6
HBLMRB2O	L-6
HBLMRB2R	L-6
HBLMRB2W	L-6
HBLMRB2Y	L-6
HBLMRBBK	L-6
HBLMRBBL	L-6
HBLMRBBN	L-6
HBLMRBGN	L-6
HBLMRBK	L-5
HBLMRBL	L-5
HBLMRBN	L-5
HBLMRBO	L-6
HBLMRBR	L-6
HBLMRBW	L-6
HBLMRBY	L-6
HBLMRGN	L-5
HBLMRGY	L-5
HBLMRO	L-5
HBLMRR	L-5
HBLMRSBK	L-5
HBLMRSBL	L-5
HBLMRSBN	L-5
HBLMRSCBK	L-5
HBLMRSCBL	L-5
HBLMRSCBN	L-5
HBLMRSCEBK	L-6
HBLMRSCEBL	L-6
HBLMRSCEBN	L-6
HBLMRSCEGN	L-6
HBLMRSCEO	L-6
HBLMRSCER	L-6
HBLMRSCEW	L-6
HBLMRSCEY	L-6
HBLMRSCGN	L-5
HBLMRSCO	L-5
HBLMRSCR	L-5
HBLMRSCW	L-5
HBLMRSCY	L-5
HBLMRSGN	L-5
HBLMRSO	L-5
HBLMRSR	L-5
HBLMRSW	L-5
HBLMRSY	L-5
HBLMRW	L-5
HBLMRY	L-5
HBLNCABK	L-8
HBLNCABL	L-8
HBLNCABN	L-8
HBLNCAGN	L-8
HBLNCAO	L-8
HBLNCAR	L-8
HBLNCAW	L-8
HBLNCAY	L-8
HBLNCBL	L-8
HBLNCBN	L-8
HBLNCC	L-8
HBLNCGN	L-8
HBLNCO	L-8
HBLNCR	L-8
HBLNCW	L-8
HBLNCY	L-8
HBLPK	L-8
HBLPTBK	L-7
HBLPTBL	L-7
HBLPTBN	L-7
HBLPTGN	L-7
HBLPTO	L-7
HBLPTR	L-7
HBLPTW	L-7
HBLPTY	L-7
HBLRS	L-8
HBLSCBK	L-8
HBLSCBL	L-8
HBLSCBN	L-8
HBLSCCBK	L-8
HBLSCCBL	L-8
HBLSCCBN	L-8
HBLSCCGN	L-8
HBLSCCO	L-8
HBLSCCR	L-8
HBLSCCW	L-8
HBLSCCY	L-8
HBLSCGN	L-8
HBLSCO	L-8
HBLSCR	L-8
HBLSCW	L-8
HBLSCY	L-8
HBLSS263R	Q-25
HBLSS264X	Q-25
HBLSS83R	Q-25
HBLSS84X	Q-25
HBLTBK	L-7
HBLTBL	L-7
HBLTBN	L-7
HBLTGN	L-7
HBLTO	L-7
HBLTR	L-7
HBLTS	L-8
HBLTSR	L-8
HBLTW	L-7
HBLTY	L-7
HBLWWEP	P-8
HDH10BK	R-8
HDH15BK	R-8
HDH20BK	R-8
HDH25BK	R-8
HDH30BK	R-8
HDMIC14	R-8
HDMIT14	R-8
HDPC03BK	R-8
HDPC06BK	R-8
HJTP6A25	R-19
HSB12BK	R-15
HSB12EI	R-15
HSB12GY	R-15
HSB12OW	R-15
HSB12W	R-15
HSB1BK	R-15
HSB1EI	R-14, R-15
HSB1GY	R-15
HSB1OW	R-15
HSB1W	R-14, R-15
HSB2BK	R-15
HSB2EI	R-14, R-15
HSB2GY	R-15
HSB2OW	R-15
HSB2W	R-14, R-15
HSB4BK	R-15
HSB4EI	R-15
HSB4GY	R-15
HSB4OW	R-15
HSB4W	R-15
HSB6BK	R-15
HSB6EI	R-15
HSB6GY	R-15
HSB6OW	R-15
HSB6W	R-15
HWAPLGY	R-16
HWAPLOW	R-16
HWAPLW	R-16
HWM2KBK10	R-16
HWM2KGY10	R-16
HWM2KI10	R-16
HWM2KW10	R-16
HXTA	R-19
HXTP25	R-19
IM15311015BK	R-18
IM15311015EI	R-18
IM15311015GY	R-18
IM15311015OW	R-18
IM15311015W	R-18
IM1IA15BK	R-17
IM1IA15EI	R-17
IM1IA15GY	R-17
IM1IA15OW	R-17
IM1IA15W	R-17
IM1K1BK	R-17
IM1K1EI	R-17
IM1K1GY	R-17
IM1K1OW	R-17
IM1K1W	R-17
IM1KA15BK	R-17
IM1KA15EI	R-17

Alphanumeric Index

Catalog Number	Page
IM1KA15GY	R-17
IM1KA15OW	R-17
IM1KA15W	R-17
IM1SCA15BK	R-17
IM1SCA15EI	R-17
IM1SCA15GY	R-17
IM1SCA15OW	R-17
IM1SCA15W	R-17
IM2IA15BK	R-17
IM2IA15EI	R-17
IM2IA15GY	R-17
IM2IA15OW	R-17
IM2IA15W	R-17
IM2K1BK	R-17
IM2K1EI	R-17
IM2K1GY	R-17
IM2K1OW	R-17
IM2K1W	R-17
IM2KA15BK	R-17
IM2KA15EI	R-17
IM2KA15GY	R-17
IM2KA15OW	R-17
IM2KA15W	R-17
IM2SCA2BK	R-17
IM2SCA2EI	R-17
IM2SCA2GY	R-17
IM2SCA2OW	R-17
IM2SCA2W	R-17
IM35AR1BK	R-18
IM35AR1EI	R-18
IM35AR1GY	R-18
IM35AR1OW	R-18
IM35AR1W	R-18
IM3RF1BK	R-18
IM3RF1EI	R-18
IM3RF1GY	R-18
IM3RF1OW	R-18
IM3RF1W	R-18
IM3RS1BK	R-18
IM3RS1EI	R-18
IM3RS1GY	R-18
IM3RS1OW	R-18
IM3RS1W	R-18
IMAR1101BK	R-18
IMAR1101EI	R-18
IMAR1101GY	R-18
IMAR1101OW	R-18
IMAR1101W	R-18
IMAVB15OW	R-17
IMB05BK	R-17
IMB05EI	R-17
IMB05GY	R-17
IMB05OW	R-17
IMB05W	R-17
IMB15315BK	R-17
IMB15315EI	R-17
IMB15315GY	R-17
IMB15315OW	R-17
IMB15315W	R-17
IMB153X2BK	R-17
IMB153X2EI	R-17
IMB153X2GY	R-17
IMB153X2OW	R-17
IMB153X2W	R-17
IMB15BK	R-17
IMB15EI	R-17
IMB15GY	R-17
IMB15OW	R-17
IMB15W	R-17
IMB1BK	R-17
IMB1EI	R-17
IMB1GY	R-17
IMB1OW	R-17
IMB1W	R-17
IMBDS1BK	R-17
IMBDS1EI	R-17
IMBDS1GY	R-17
IMBDS1OW	R-17
IMBDS1W	R-17
IMBDSA15BK	R-17
IMBDSA15EI	R-17
IMBDSA15GY	R-17
IMBDSA15OW	R-17
IMBDSA15W	R-17
IMC3511015BK	R-18
IMC3511015EI	R-18
IMC3511015GY	R-18
IMC3511015OW	R-18
IMC3511015W	R-18
IMCAR11015BK	R-18
IMCAR11015EI	R-18
IMCAR11015GY	R-18
IMCAR11015OW	R-18
IMCAR11015W	R-18
IMCR1101BK	R-18
IMCR1101EI	R-18
IMCR1101GY	R-18
IMCR1101OW	R-18
IMCR1101W	R-18
IMCRF1BK	R-18
IMCRF1EI	R-18
IMCRF1GY	R-18
IMCRF1OW	R-18
IMCRF1W	R-18
IMCRS15BK	R-18
IMCRS15EI	R-18
IMCRS15GY	R-18
IMCRS15OW	R-18
IMCRS15W	R-18
IMCRS1BK	R-18
IMCRS1EI	R-18
IMCRS1GY	R-18
IMCRS1OW	R-18
IMCRS1W	R-18
IMF1BK	R-16
IMF1EI	R-16
IMF1GY	R-16
IMF1OW	R-16
IMF1W	R-16
IMF2BK	R-16
IMF2EI	R-16
IMF2GY	R-16
IMF2OW	R-16
IMF2W	R-16
IMF3BK	R-16
IMF3EI	R-16
IMF3GY	R-16
IMF3OW	R-16
IMF3W	R-16
IMF4BK	R-16
IMF4EI	R-16
IMF4GY	R-16
IMF4OW	R-16
IMF4W	R-16
IMFP1D1BK	R-16
IMFP1D1EI	R-16
IMFP1D1GY	R-16
IMFP1D1OW	R-16
IMFP1D1W	R-16
IMFP1D2BK	R-16
IMFP1D2EI	R-16
IMFP1D2GY	R-16
IMFP1D2OW	R-16
IMFP1D2W	R-16
IMFP1D3BK	R-16
IMFP1D3EI	R-16
IMFP1D3GY	R-16
IMFP1D3OW	R-16
IMFP1D3W	R-16
IMFP2D2BK	R-16
IMFP2D2EI	R-16
IMFP2D2GY	R-16
IMFP2D2OW	R-16
IMFP2D2W	R-16
IMR1101BK	R-18
IMR1101EI	R-18
IMR1101GY	R-18
IMR1101OW	R-18
IMR1101W	R-18
IMRSJ1BK	R-18
IMRSJ1EI	R-18
IMRSJ1GY	R-18
IMRSJ1OW	R-18
IMRSJ1W	R-18
IMSP1BK	R-18
IMSP1EI	R-18
IMSP1GY	R-18
IMSP1OW	R-18
IMSP1W	R-18
IMSS1	R-16
ISFB15BK	R-17
ISFB15EI	R-17
ISFB15GY	R-17
ISFB15OW	R-17
ISFB15W	R-17
ISFB215BK	R-17
ISFB215EI	R-17
ISFB215GY	R-17
ISFB215OW	R-17
ISFB215W	R-17
ISFBR15BK	R-17
ISFBR15EI	R-17
ISFBR15GY	R-17
ISFBR15OW	R-17
ISFBR15W	R-17
KPIMBZGY	R-16
KPIMBZOW	R-16
MDHT	F-12
MDHTD	F-12
MS1000I	F-6
MS1000NI	F-6
MS1000NW	F-6
MS1000W	F-6
MS1001I	F-6
MS1001NI	F-6
MS1001NW	F-6
MS1001W	F-6
MS2000GY	F-6
MS2000I	F-6
MS2000LA	F-6
MS2000NGY	F-6
MS2000NI	F-6
MS2000NLA	F-6
MS2000NW	F-6
MS2000W	F-6
MS2004I	F-6
MS2004NI	F-6
MS2004NW	F-6
MS2004W	F-6
MSAR20P	F-13
MSCRA	F-7
MSCUHD	F-11, F-13
MSD1000C	F-9
MSD1000CL	F-9
MSD1600W	F-9
MSD2000BK1	F-5
MSD2000BK1N	F-5
MSD2000BK2	F-5
MSD2000BK2N	F-5
MSD2000C	F-9
MSD2000CL	F-9
MSD2000GY1	F-5
MSD2000GY1N	F-5
MSD2000GY2	F-5
MSD2000GY2N	F-5
MSD2000I1	F-5
MSD2000I1N	F-5
MSD2000I2	F-5
MSD2000I2N	F-5
MSD2000LA1	F-5
MSD2000LA1N	F-5
MSD2000LA2	F-5
MSD2000LA2N	F-5
MSD2000W1	F-5
MSD2000W1N	F-5
MSD2000W2	F-5
MSD2000W2N	F-5
MSD2001BK1	F-5
MSD2001BK2	F-5
MSD2001GY1	F-5
MSD2001GY2	F-5
MSD2001I1	F-5
MSD2001I2	F-5
MSD2001LA1	F-5
MSD2001LA2	F-5
MSD2001W1	F-5
MSD2001W2	F-5
MSHAP1	F-11
MSHAP2	F-11
MSHAP3	F-11
MSHAP4	F-11
MSHB219	F-12
MSHB21UPCW	F-11
MSHB229	F-12
MSHB22UPCW	F-11
MSHB2LV9	F-12
MSHB2LVPCW	F-11
MSHBL180	F-12
MSHBL360	F-12
MSHBLA	F-12
MSHBLEA	F-12
MSHBSA	F-12, F-12
MSHT1500CRP	F-11
MSHT1600WRP	F-11
MSL30I1	F-7
MSL30W1	F-7
MSLBL180	F-12
MSLBL360	F-12
MSLBLA	F-12
MSLBLEA	F-12
MSM30I1	F-7
MSM30I2	F-7
MSM30W1	F-7
MSM30W2	F-7
MSP120HB	F-9
MSP1500C	F-9
MSP1500CL	F-9
MSP1600W	F-9
MSP4X	F-7, F-11
MST025FE	N-4
MST050FE	N-4
MST075FE	N-4
MST100FE	N-4
MST125FE	N-4

Alphanumeric Index

Catalog Number	Page
MST150FE	N-4
MST175FE	N-4
MST200FE	N-4
MST250FE	N-4
MST300FE	N-4
MST350FE	N-4
MSU1000C	F-9
MSU1000CL	F-9
MSU2000BK1	F-5
MSU2000BK2	F-5
MSU2000C	F-9
MSU2000CL	F-9
MSU2000GY1	F-5
MSU2000GY2	F-5
MSU2000I1	F-5
MSU2000I2	F-5
MSU2000LA1	F-5
MSU2000LA2	F-5
MSU2000W1	F-5
MSU2000W2	F-5
MSU2001BK1	F-5
MSU2001BK2	F-5
MSU2001GY1	F-5
MSU2001GY2	F-5
MSU2001I1	F-5
MSU2001I2	F-5
MSU2001LA1	F-5
MSU2001LA2	F-5
MSU2001W1	F-5
MSU2001W2	F-5
MSWGC	F-7
MSWGS	F-7
MSWGW	F-7
NPJJ13I	Q-9
NPJJ13LA	Q-9
NPJJ13W	Q-9
NPJJ1I	Q-6
NPJJ1LA	Q-6
NPJJ1W	Q-6
NPJJ26I	Q-5
NPJJ26LA	Q-5
NPJJ26W	Q-5
NPJJ2I	Q-6
NPJJ2LA	Q-6
NPJJ2W	Q-6
NPJJ8I	Q-7
NPJJ8LA	Q-7
NPJJ8W	Q-7
NPS1I	Q-4
NPS1LA	Q-4
NPS1W	Q-4
NPS262I	Q-4
NPS262LA	Q-4
NPS262W	Q-4
NPS263I	Q-4
NPS263LA	Q-4
NPS263W	Q-4
NPS264I	Q-4
NPS264LA	Q-4
NPS264W	Q-4
NPS26I	Q-4
NPS26LA	Q-4
NPS26W	Q-4
NPS2I	Q-4
NPS2LA	Q-4
NPS2W	Q-4
NPS3I	Q-4
NPS3LA	Q-4
NPS3W	Q-4
NPS8I	Q-4
NPS8LA	Q-4
NPS8W	Q-4
NS612BK	R-11
NS612GY	P-11, R-11
NS612I	P-11, R-11
NS612LA	R-11
NS612W	R-11
NS613BK	R-11
NS613GY	P-11, R-11
NS613I	P-11, R-11
NS613LA	R-11
NS613W	R-11
NS614BK	R-11
NS614GY	P-11, R-11
NS614I	P-11, R-11
NS614LA	R-11
NS614W	R-11
NS616BK	R-11
NS616GY	P-11, R-11
NS616I	P-11, R-11
NS616LA	R-11
NS616W	R-11
NS620BK	Q-17, R-11
NS620GY	P-11, Q-17, R-11
NS620I	P-11, Q-17, R-11
NS620LA	Q-17, R-11
NS620W	Q-17, R-11
NS621I	P-11, Q-17, R-11
NS621LA	Q-17, R-11
NS621W	Q-17, R-11
NS721I	R-14
NS721W	R-14
NS722I	R-14
NS722W	R-14
NS723SS	R-14
NS725I	R-14
NS725LA	R-14
NS725W	R-14
NS730	R-13
NS730I	R-13
NS730LA	R-13
NS730W	R-13
NS732	R-13
NS732I	R-13
NS732LA	R-13
NS732W	R-13
NS735	R-13
NS735I	R-13
NS735LA	R-13
NS735W	R-13
NS742I	R-13
NS742LA	R-13
NS742W	R-13
NS744I	R-13
NS744W	R-13
NS745I	R-13
NS745W	R-13
NS747I	R-13
NS747LA	R-13
NS747W	R-13
NS748I	R-13
NS748LA	R-13
NS748W	R-13
NS750I	R-13
NS750LA	R-13
NS750W	R-13
NS751I	R-13
NS751LA	R-13
NS751W	R-13
NS752I	R-13
NS752LA	R-13
NS752W	R-13
NS755I	R-13
NS755LA	R-13
NS755W	R-13
NS760I	R-14
NS760W	R-14
NS761I	R-14
NS761W	R-14
NS770	R-12
NS770BK	R-12
NS770GY	R-12
NS770I	R-12
NS770LA	R-12
NS770W	R-12
NS771	R-12
NS771I	R-12
NS771LA	R-12
NS771W	R-12
NS772I	R-12
NS772LA	R-12
NS772W	R-12
NS780I	R-12
NS780LA	R-12
NS780W	R-12
NS782I	R-12
NS782LA	R-12
NS782W	R-12
NS783I	R-12
NS783LA	R-12
NS783W	R-12
NS784	R-12
NS784BK	R-12
NS784GY	R-12
NS784I	R-12
NS784LA	R-12
NS784W	R-12
NS785	R-12
NS785BK	R-12
NS785GY	R-12
NS785I	R-12
NS785LA	R-12
NS785W	R-12
NS790	R-13
NS790BK	R-13
NS790GY	R-13
NS790I	R-13
NS790LA	R-13
NS790W	R-13
NS801BK	R-2
NS801GY	R-2
NS801I	R-2
NS801LA	R-2
NS801W	R-2
NS802BK	R-2
NS802GY	R-2
NS802I	R-2
NS802LA	R-2
NS802W	R-2
NSAV124M	R-2
NSAV12C	R-2
NSAV1I	R-2
NSAV1W	R-2
NSAV2I	R-2
NSAV2W	R-2
NSAV62M	R-2
NSAV6BW	R-2
NSAV6C	R-2
NSAV6NW	R-2
NSC5EB01	R-6
NSC5EB03	R-6
NSC5EB05	R-6
NSC5EB07	R-6
NSC5EB10	R-6
NSC5EB15	R-6
NSC5EBK01	R-6
NSC5EBK03	R-6
NSC5EBK05	R-6
NSC5EBK07	R-6
NSC5EBK10	R-6
NSC5EBK15	R-6
NSC5EGN01	R-6
NSC5EGN03	R-6
NSC5EGN05	R-6
NSC5EGN07	R-6
NSC5EGN10	R-6
NSC5EGN15	R-6
NSC5EGY01	R-6
NSC5EGY03	R-6
NSC5EGY05	R-6
NSC5EGY07	R-6
NSC5EGY10	R-6
NSC5EGY15	R-6
NSC5EOR01	R-6
NSC5EOR03	R-6
NSC5EOR05	R-6
NSC5EOR07	R-6
NSC5EOR10	R-6
NSC5EOR15	R-6
NSC5EP01	R-6
NSC5EP03	R-6
NSC5EP05	R-6
NSC5EP07	R-6
NSC5EP10	R-6
NSC5EP15	R-6
NSC5ER01	R-6
NSC5ER03	R-6
NSC5ER05	R-6
NSC5ER07	R-6
NSC5ER10	R-6
NSC5ER15	R-6
NSC5EW01	R-6
NSC5EW03	R-6
NSC5EW05	R-6
NSC5EW07	R-6
NSC5EW10	R-6
NSC5EW15	R-6
NSC6B01	R-6
NSC6B03	R-6
NSC6B05	R-6
NSC6B07	R-6
NSC6B10	R-6
NSC6B15	R-6
NSC6BK01	R-6
NSC6BK03	R-6
NSC6BK05	R-6
NSC6BK07	R-6
NSC6BK10	R-6
NSC6BK15	R-6
NSC6GN01	R-6
NSC6GN03	R-6
NSC6GN05	R-6
NSC6GN07	R-6
NSC6GN10	R-6
NSC6GN15	R-6
NSC6GY01	R-6
NSC6GY03	R-6
NSC6GY05	R-6
NSC6GY07	R-6
NSC6GY10	R-6
NSC6GY15	R-6
NSC6OR01	R-6
NSC6OR03	R-6
NSC6OR05	R-6

Specifications are subject to change without notice.

Alphanumeric Index

Catalog Number	Page
NSC6OR07	R-6
NSC6OR10	R-6
NSC6OR15	R-6
NSC6P01	R-6
NSC6P03	R-6
NSC6P05	R-6
NSC6P07	R-6
NSC6P10	R-6
NSC6P15	R-6
NSC6R01	R-6
NSC6R03	R-6
NSC6R05	R-6
NSC6R07	R-6
NSC6R10	R-6
NSC6R15	R-6
NSC6W01	R-6
NSC6W03	R-6
NSC6W05	R-6
NSC6W07	R-6
NSC6W10	R-6
NSC6W15	R-6
NSJ5EB	R-8
NSJ5EB25	R-8
NSJ5EBK	R-8
NSJ5EBK25	R-8
NSJ5EGN	R-8
NSJ5EGN25	R-8
NSJ5EGY	R-8
NSJ5EGY25	R-8
NSJ5EI	R-8
NSJ5EI25	R-8
NSJ5ELA	R-8
NSJ5ELA25	R-8
NSJ5EOR	R-8
NSJ5EOR25	R-8
NSJ5ER	R-8
NSJ5ER25	R-8
NSJ5EW	R-8
NSJ5EW25	R-8
NSJ5EY	R-8
NSJ5EY25	R-8
NSJ6B	R-8
NSJ6B25	R-8
NSJ6BK	R-8
NSJ6BK25	R-8
NSJ6GN	R-8
NSJ6GN25	R-8
NSJ6GY	R-8
NSJ6GY25	R-8
NSJ6I	R-8
NSJ6I25	R-8
NSJ6LA	R-8
NSJ6LA25	R-8
NSJ6OR	R-8
NSJ6OR25	R-8
NSJ6R	R-8
NSJ6R25	R-8
NSJ6W	R-8
NSJ6W25	R-8
NSJ6Y	R-8
NSJ6Y25	R-8
NSJUB	R-8
NSJUBK	R-8
NSJUGN	R-8
NSJUGY	R-8
NSJUI	R-8
NSJULA	R-8
NSJUOR	R-8
NSJUR	R-8
NSJUW	R-8
NSJUY	R-8
NSOAM8	R-5
NSOBM2	R-5
NSOBXCLIP	R-7
NSOBXP14	R-3
NSOBXP14B	R-3
NSOBXP14D	R-3
NSOBXP28	R-3
NSOBXP28B	R-3
NSOBXP28D	R-3
NSOBXP42	R-3
NSOBXP42B	R-3
NSOBXP42D	R-3
NSODK6	R-4
NSODM8	R-4
NSODM8C6	R-4
NSOETM8	R-4
NSOFSB	R-7
NSOKPS	R-2, R-7
NSOKPTR	R-2, R-7
NSOMTM12	R-4
NSOMTM24	R-4
NSOPTM8	R-4
NSORAVC	R-7
NSOSAVC	R-7
NSOTVDM6	R-4
NSOTVM6	R-4
NSOVAMP	R-5
NSOVM4	R-5
NSOVM42G	R-5
NSOVM6	R-5
NSOVM62G	R-5
NSOVM8	R-5
NSOVM82G	R-5
NSP101BK	R-11
NSP101GY	R-11
NSP101I	R-11
NSP101LA	R-11
NSP101W	R-11
NSP102BK	R-11
NSP102GY	R-11
NSP102I	R-11
NSP102LA	R-11
NSP102W	R-11
NSP103BK	R-11
NSP103GY	R-11
NSP103I	R-11
NSP103LA	R-11
NSP103W	R-11
NSP104BK	R-11
NSP104GY	R-11
NSP104I	R-11
NSP104LA	R-11
NSP104W	R-11
NSP106BK	R-11
NSP106GY	R-11
NSP106I	R-11
NSP106LA	R-11
NSP106W	R-11
NSP11BK	R-11
NSP11GY	R-11
NSP11I	R-11
NSP11LA	R-11
NSP11W	R-11
NSP12BK	R-11
NSP12GY	R-11
NSP12I	R-11
NSP12LA	R-11
NSP12W	R-11
NSP13BK	R-11
NSP13GY	R-11
NSP13I	R-11
NSP13LA	R-11
NSP13W	R-11
NSP14BK	R-11
NSP14GY	R-11
NSP14I	R-11
NSP14LA	R-11
NSP14W	R-11
NSP16BK	R-11
NSP16GY	R-11
NSP16I	R-11
NSP16LA	R-11
NSP16W	R-11
NSP24BK	R-11
NSP24GY	R-11
NSP24I	R-11
NSP24LA	R-11
NSP24W	R-11
NSP26BK	R-11
NSP26GY	R-11
NSP26I	R-11
NSP26LA	R-11
NSP26W	R-11
NSPJ24	R-6
NSPJ48	R-6
P1	Q-6
P113GY	Q-10
P113I	Q-10
P113LA	Q-10
P113W	Q-10
P11I	Q-13
P11LA	Q-13
P11W	Q-13
P126	Q-10
P1262I	Q-11
P1262LA	Q-11
P1262W	Q-11
P126BK	Q-10
P126GY	P-11, Q-10
P126I	P-11, Q-10
P126LA	Q-10
P126R	Q-10
P126W	Q-10
P13	Q-9
P1326BK	Q-10
P1326GY	Q-10
P1326I	Q-10
P1326LA	Q-10
P1326W	Q-10
P138GY	Q-11
P138I	Q-11
P138LA	Q-11
P138W	Q-11
P13BK	Q-9
P13GY	P-11, Q-9
P13I	P-11, Q-9
P13LA	Q-9
P13W	Q-9
P14	Q-9
P14BK	Q-9
P14GY	P-11, Q-9
P14I	P-11, Q-9
P14LA	Q-9
P14R	Q-9
P14W	Q-9
P18	Q-10
P18GY	P-11, Q-10
P18I	P-11, Q-10
P18LA	Q-10
P18R	Q-10
P18W	Q-10
P1BK	Q-6
P1GY	P-11, Q-6
P1I	P-11, Q-6
P1LA	Q-6
P1R	Q-6
P1W	Q-6
P2	Q-6
P226	Q-11
P2262I	Q-12
P2262LA	Q-12
P2262W	Q-12
P226BK	Q-11
P226GY	P-11, Q-11
P226I	P-11, Q-11
P226LA	Q-11
P226W	Q-11
P23	Q-9
P23BK	Q-9
P23GY	P-11, Q-9
P23I	P-11, Q-9
P23LA	Q-9
P23W	Q-9
P24	Q-9
P24BK	Q-9
P24GY	P-11, Q-9
P24I	P-11, Q-9
P24LA	Q-9
P24R	Q-9
P24W	Q-9
P26	Q-5
P262	Q-5
P262BK	Q-5
P262GY	P-11, Q-5
P262I	P-11, Q-5
P262LA	Q-5
P262R	Q-5
P262W	Q-5
P263	Q-5
P263BK	Q-5
P263GY	P-11, Q-5
P263I	P-11, Q-5
P263LA	Q-5
P263R	Q-5
P263W	Q-5
P264	Q-5
P264BK	Q-5
P264GY	Q-5
P264I	Q-5
P264LA	Q-5
P264W	Q-5
P265GY	Q-5
P265I	Q-5
P265LA	Q-5
P265W	Q-5
P266	Q-5
P266BK	Q-5
P266GY	Q-5
P266I	Q-5
P266LA	Q-5
P266W	Q-5
P26BK	Q-5
P26GY	P-11, Q-5
P26I	P-11, Q-5
P26LA	Q-5
P26OIG	Q-15
P26R	Q-5
P26W	Q-5
P28	Q-11
P28GY	P-11, Q-11
P28I	P-11, Q-11
P28LA	Q-11
P28W	Q-11

Alphanumeric Index

Catalog Number	Page
P2BK	Q-6
P2GY	P-11, Q-6
P2I	P-11, Q-6
P2LA	Q-6
P2R	Q-6
P2W	Q-6
P3	Q-6
P326	Q-12
P326BK	Q-12
P326GY	Q-12
P326I	Q-12
P326LA	Q-12
P326W	Q-12
P33I	P-11, Q-9
P33W	Q-9
P34I	P-11
P3BK	Q-6
P3GY	P-11, Q-6
P3I	P-11, Q-6
P3LA	Q-6
P3W	Q-6
P4	Q-6
P43I	Q-9
P43W	Q-9
P4BK	Q-6
P4GY	Q-6
P4I	Q-6
P4LA	Q-6
P4W	Q-6
P5GY	Q-6
P5I	Q-6
P5LA	Q-6
P5W	Q-6
P6GY	Q-6
P6I	Q-6
P6LA	Q-6
P6W	Q-6
P7	Q-7, Q-27
P703	Q-27
P703BK	Q-8
P703I	Q-8, Q-27
P703W	Q-8
P720	Q-8, Q-27
P720BK	Q-8
P720GY	Q-8
P720I	Q-8, Q-27
P720OIG	Q-15
P720R	Q-8
P720W	Q-8
P724	Q-27
P724BK	Q-8
P724I	Q-8, Q-27
P724W	Q-8
P737I	Q-13
P737W	Q-13
P78I	Q-10
P78W	Q-10
P7BK	H-5, H-27, Q-7
P7G	P-11
P7GY	Q-7
P7I	P-11, Q-7, Q-27
P7LA	Q-7
P7OIG	Q-15
P7R	Q-7
P7W	Q-7
P8	Q-7
P82	Q-7
P826	Q-10
P826BK	Q-10
P826GY	Q-10
P826I	Q-10
P826LA	Q-10
P826R	Q-10
P826W	Q-10
P82BK	Q-7
P82GY	P-11, Q-7
P82I	P-11, Q-7
P82LA	Q-7
P82OR	Q-7
P82R	Q-7
P82W	Q-7
P83I	P-11, Q-7
P83W	Q-7
P8BK	H-5, Q-7
P8GY	P-11, Q-7
P8I	P-11, Q-7
P8LA	Q-7
P8OIG	Q-15
P8OR	Q-7
P8R	Q-7
P8W	Q-7
PA050	N-6
PA062	N-6
PA075	N-6
PA100	N-6
PA125	N-6
PA150	N-6
PA175	N-6
PA200	N-6
PA250	N-6
PA300	N-6
PC13W32	N-24
PC13W43	N-24
PC13W54	N-24
PC23W43	N-24
PC23W54	N-24
PC23W73	N-24
PC345W43	N-24
PC345W54	N-24
PC345W73	N-24
PCS002	G-7
PCS102	G-7
PCS202	G-7
PH050	N-5
PH062	N-5
PH075	N-5
PH100	N-5
PH150	N-5
PH200	N-5
PH250	N-5
PH300	N-5
PH350	N-5
PHS050	N-5
PHS062	N-5
PHS075	N-5
PHS100	N-5
PHS150	N-5
PHS200	N-5, N-26
PHS250	N-5
PHS300	N-5
PHS350	N-5
PHS400	N-5
PHS450	N-5
PHS500	N-5
PHS600	N-5
PJ019	N-6
PJ025	N-6
PJ037	N-6
PJ050	N-6
PJ062	N-6
PJ075	N-6
PJ1	Q-6
PJ100	N-6
PJ113	Q-10
PJ113I	Q-10
PJ113W	Q-10
PJ11I	Q-13
PJ11LA	Q-13
PJ11W	Q-13
PJ126	Q-10
PJ126GY	Q-10
PJ126I	Q-10
PJ126LA	Q-10
PJ126W	Q-10
PJ13	Q-9
PJ1326I	Q-10
PJ1326LA	Q-10
PJ1326W	Q-10
PJ13BK	Q-9
PJ13GY	Q-9
PJ13I	Q-9
PJ13LA	Q-9
PJ13W	Q-9
PJ18GY	Q-10
PJ18I	Q-10
PJ18LA	Q-10
PJ18W	Q-10
PJ1BK	Q-6
PJ1GY	Q-6
PJ1I	Q-6
PJ1LA	Q-6
PJ1R	Q-6
PJ1RME	Q-15
PJ1W	Q-6
PJ2	Q-6
PJ226I	Q-11
PJ226LA	Q-11
PJ226W	Q-11
PJ23	Q-9
PJ23I	Q-9
PJ23LA	Q-9
PJ23W	Q-9
PJ26	Q-5
PJ262	Q-5
PJ262BK	Q-5
PJ262GY	Q-5
PJ262I	Q-5
PJ262LA	Q-5
PJ262R	Q-5
PJ262W	Q-5
PJ263	Q-5
PJ263BK	Q-5
PJ263GY	Q-5
PJ263I	Q-5
PJ263LA	Q-5
PJ263W	Q-5
PJ264I	Q-5
PJ264LA	Q-5
PJ264W	Q-5
PJ26BK	Q-5
PJ26BL	Q-5
PJ26GY	Q-5
PJ26I	Q-5
PJ26LA	Q-5
PJ26R	Q-5
PJ26W	Q-5
PJ28I	Q-11
PJ28LA	Q-11
PJ28W	Q-11
PJ2GY	Q-6
PJ2I	Q-6
PJ2LA	Q-6
PJ2W	Q-6
PJ3GY	Q-6
PJ3I	Q-6
PJ3LA	Q-6
PJ3R	Q-6
PJ3W	Q-6
PJ4I	Q-6
PJ4LA	Q-6
PJ4W	Q-6
PJ703BK	Q-8
PJ703I	Q-8
PJ703W	Q-8
PJ724BK	Q-8
PJ724I	Q-8
PJ724W	Q-8
PJ7I	Q-7
PJ7LA	Q-7
PJ7W	Q-7
PJ8	Q-7
PJ826	Q-10
PJ826BK	Q-10
PJ826GY	Q-10
PJ826I	Q-10
PJ826LA	Q-10
PJ826W	Q-10
PJ82BK	Q-7
PJ82GY	Q-7
PJ82I	Q-7
PJ82LA	Q-7
PJ82R	Q-7
PJ82W	Q-7
PJ8BK	Q-7
PJ8BL	Q-7
PJ8GY	Q-7
PJ8I	Q-7
PJ8LA	Q-7
PJ8R	Q-7
PJ8RMEV	Q-15
PJ8W	Q-7
PKL520	H-18, Q-26
PLB025	N-8
PLB112	N-8
PLB162	N-8
PLB225	N-8
PLB350	N-8
PLT47	N-8
PLT48	N-8
Q106B	R-11
Q106E	R-11
Q106G	R-11
Q106O	R-11
Q106W	R-11
R28032401	F-15
R28032406	F-15
RA12BKPK100	Q-17
RA12GYPK100	Q-17
RA12IPK100	Q-17
RA12LAPK100	Q-17
RA12PK100	Q-17
RA12WPK100	Q-17
RA38BKPK100	Q-17
RA38GYPK100	Q-17
RA38IPK100	Q-17
RA38LAPK100	Q-17
RA38PK100	Q-17
RA38SSPK100	Q-17
RA38WPK100	Q-17
RA40	Q-17
RA58SSPK100	Q-17
RA756	Q-17
RA756I	Q-17
RA756W	Q-17

Specifications are subject to change without notice.

Alphanumeric Index

Catalog Number	Page
RA88IPK100	Q-17
RA88SSPK100	Q-17
RA88WPK100	Q-17
RAYCL153PI	F-14
RAYCL153PLA	F-14
RAYCL153PW	F-14
RAYFSQFI	F-15
RAYFSQFLA	F-15
RAYFSQFW	F-15
RB58405	H-18
RC101	E-7
RC101I	E-7
RC101LA	E-7
RC101W	E-7
RC103	E-7
RC103I	E-7
RC103LA	E-7
RC103W	E-7
RC108	E-7
RC108I	E-7
RC108ITR	E-7
RC108LA	E-7
RC108LATR	E-7
RC108TR	E-7
RC108W	E-7
RC108WTR	E-7
RC109	E-8
RC109I	E-8
RC109LA	E-8
RC109W	E-8
RC303	E-7
RC303I	E-7
RC303LA	E-7
RC303W	E-7
RC308	E-7
RC308I	E-7
RC308ITR	E-7
RC308TR	E-7
RC308W	E-7
RC308WTR	E-7
RC309	E-8
RC309I	E-8
RC309W	E-8
RCD101BK	E-7
RCD101GY	E-7
RCD101I	E-7
RCD101LA	E-7
RCD101W	E-7
RCD103BK	E-7
RCD103GY	E-7
RCD103I	E-7
RCD103LA	E-7
RCD103W	E-7
RCD108BK	E-7
RCD108BKTR	E-7
RCD108GY	E-7
RCD108GYTR	E-7, E-7
RCD108I	E-7
RCD108ITR	E-7, E-7
RCD108LA	E-7
RCD108LATR	E-7, E-7
RCD108W	E-7
RCD108WTR	E-7, E-7
RCD109I	E-8
RCD109LA	E-8
RCD109W	E-8
RCD111I	E-7
RCD111LA	E-7
RCD111W	E-7
RCD303BK	E-7
RCD303I	E-7
RCD303LA	E-7
RCD303W	E-7
RCD308BK	E-7
RCD308I	E-7
RCD308ITR	E-7
RCD308LA	E-7
RCD308LATR	E-7
RCD308W	E-7
RCD308WTR	E-7
RCD309I	E-8
RCD309LA	E-8
RCD309W	E-8
RCT200ALU	P-3
RCT200BK	P-3
RCT200BR	P-3
RCT200BZE	P-3
RCT200CH	P-3
RCT200NI	P-3
RCT200W	P-3
RCT201ALU	P-3
RCT201BK	P-3
RCT201BR	P-3
RCT201BZE	P-3
RCT201CH	P-3
RCT201NI	P-3
RCT201W	P-3
RCT220ALU	P-3
RCT220BK	P-3
RCT220BR	P-3
RCT220BZE	P-3
RCT220CH	P-3
RCT220NI	P-3
RCT220W	P-3
RCT221ALU	P-3
RCT221BK	P-3
RCT221BR	P-3
RCT221BZE	P-3
RCT221CH	P-3
RCT221NI	P-3
RCT221W	P-3
RD600PDK	F-15, F-15
RD600RI	F-15
RD600RW	F-15
RD603PDK	F-15, F-15
RDS30	E-9
RDS50	E-9
RDVCL153PI	F-14
RDVCL153PLA	F-14
RDVCL153PW	F-14
RDVFSQFI	F-15
RDVFSQFLA	F-15
RDVFSQFW	F-15
RF151R	P-4
RF151TR	P-4
RF201R	P-4
RF400	P-5
RF406ALU	P-5
RF406BK	P-5
RF406BN	P-5
RF406BP	P-5
RF406BR	P-5
RF406GY	P-5
RF407BK	P-5
RF407BR	P-5
RF408	P-5
RF409BR	P-5
RF500	P-4
RF506AL	P-4
RF506BK	P-4
RF506BN	P-4
RF506BP	P-4
RF506BR	P-4
RF506CH	P-4
RF506CU	P-4
RF506NI	P-4
RF506SS	P-4
RF507AL	P-4
RF507BK	P-4
RF507BN	P-4
RF507BP	P-4
RF507BR	P-4
RF507CH	P-4
RF507CU	P-4
RF507NI	P-4
RF507SS	P-4
RF515AL	P-4
RF515BK	P-4
RF515BN	P-4
RF515BP	P-4
RF515BR	P-4
RF515CH	P-4
RF515CU	P-4
RF515NI	P-4
RF515SS	P-4
RF6500BR	P-4
RFSQ2FDK	F-15, F-15
RJ600	P-4
RJ620BKTR	P-4
RJ620GYTR	P-4
RJ620ITR	P-4
RJ620LATR	P-4
RJ620WTR	P-4
RJ62BKTR	P-4
RJ62GYTR	P-4
RJ62ITR	P-4
RJ62LATR	P-4
RJ62WTR	P-4
RJ650BKTR	P-4
RJ650GYTR	P-4
RJ650ITR	P-4
RJ650LATR	P-4
RJ650WTR	P-4
RJ65BKTR	P-4
RJ65GYTR	P-4
RJ65ITR	P-4
RJ65LATR	P-4
RJ65WTR	P-4
RL100	O-2
RL101	O-2
RL102	O-2
RL105	O-2
RL106	O-2
RL120	O-5
RL124	O-5
RL125	O-5
RL150	O-5
RL152	O-4
RL154	O-5
RL157	O-4
RL158	O-4
RL162	O-4
RL163	O-4
RL164	O-5
RL200	O-5
RL201	O-5
RL305	O-3
RL320	O-3
RL356	O-3
RL357	O-3
RL3742	O-4
RL413HSI	O-3
RL413HSM	O-3
RL4221	O-4
RL426G24	O-3
RL479HSM	O-3
RL5221	O-4
RL8504	O-2
RL8506	O-2
RL8512	O-2
RL8516	O-2
RL8804	O-2
RL8806	O-2
RL8812	O-2
RL8816	O-2
RL8822	O-2
RP101BK	A-25
RP101W	A-25
RP102BK	A-25
RP102W	A-25
RP123I	A-25
RP123PI	A-25
RP123PW	A-25
RP123W	A-25
RP646	A-25
RP648	A-25
RP649	A-25
RR15	A-18
RR151	A-19
RR1510I	A-24, R-2
RR1510LA	A-24, R-2
RR1510W	A-24, R-2
RR1512I	R-2
RR1512LA	R-2
RR1512W	R-2
RR1514I	R-2
RR1514LA	R-2
RR1514W	R-2
RR151BK	A-19
RR151BKTR	A-19
RR151BKWRTR	A-19
RR151CHBSTR	A-24
RR151CHITR	A-24
RR151CHSSTR	A-24
RR151CHWTR	A-24
RR151GY	A-19
RR151GYTR	A-19
RR151GYWRTR	A-19
RR151I	A-19
RR151ITR	A-19
RR151IWRTR	A-19
RR151LA	A-19
RR151LATR	A-19
RR151LAWRTR	A-19
RR151TR	A-19
RR151W	A-19
RR151WRTR	A-19
RR151WTR	A-19
RR151WWRTR	A-19
RR155	A-19
RR155BK	A-19
RR155BKWR	A-19
RR155GY	A-19
RR155GYWR	A-19
RR155I	A-19
RR155IWR	A-19
RR155LA	A-19
RR155LAWR	A-19
RR155W	A-19
RR155WR	A-19
RR155WWR	A-19
RR15BK	A-18
RR15EBKTR	A-18
RR15EGYTR	A-18

Alphanumeric Index

Catalog Number	Page
RR15EITR	A-18
RR15ELATR	A-18
RR15EQBKTR	A-18
RR15EQITR	A-18
RR15EQLATR	A-18
RR15EQTR	A-18
RR15EQWTR	A-18
RR15EWTR	A-18
RR15I	A-18
RR15K	A-18
RR15KI	A-18
RR15KITR	A-18
RR15KLATR	A-18
RR15KTR	A-18
RR15KW	A-18
RR15KWTR	A-18
RR15LA	A-18
RR15QBKTR	A-18
RR15QITR	A-18
RR15QLATR	A-18
RR15QTR	A-18
RR15QWTR	A-18
RR15S	A-18
RR15SBKWRTR	A-19
RR15SGYWRTR	A-19
RR15SI	A-18
RR15SITRX	A-18
RR15SIWRTR	A-19
RR15SLA	A-18
RR15SLATRX	A-18
RR15SLAWRTR	A-19
RR15SW	A-18
RR15SWRTR	A-19
RR15SWTRX	A-18
RR15SWWRTR	A-19
RR15W	A-18
RR201	A-19
RR201BK	A-19
RR201BKTR	A-19
RR201BKWRTR	A-19
RR201CHITR	A-24
RR201CHSSTR	A-24
RR201CHWTR	A-24
RR201GY	A-19
RR201GYTR	A-19
RR201GYWRTR	A-19
RR201I	A-19
RR201ITR	A-19
RR201IWRTR	A-19
RR201LA	A-19
RR201LATR	A-19
RR201LAWRTR	A-19
RR201TR	A-19
RR201W	A-19
RR201WRTR	A-19
RR201WTR	A-19
RR201WWRTR	A-19
RR205	A-19
RR205BK	A-19
RR205BKWR	A-19
RR205GY	A-19
RR205GYWR	A-19
RR205I	A-19
RR205IWR	A-19
RR205LA	A-19
RR205LAWR	A-19
RR205W	A-19
RR205WR	A-19
RR205WWR	A-19
RR330	A-26
RR330F	A-26
RR335P	A-26, A-27
RR350	A-27
RR374	O-5
RR374W	O-5
RR430	A-26
RR430F	A-26
RR430FW	A-26
RR430PM	A-26
RR435P	A-27
RR450	A-27
RR450F	A-27
RR450FW	A-27
RR450PM	A-27
RRD15	A-18
RRD151	A-19
RRD151BK	A-19
RRD151BKTR	A-19
RRD151GY	A-19
RRD151GYTR	A-19
RRD151I	A-19
RRD151ITR	A-19
RRD151LA	A-19
RRD151LATR	A-19
RRD151TR	A-19
RRD151W	A-19
RRD151WTR	A-19
RRD155	A-19
RRD155BK	A-19
RRD155GY	A-19
RRD155I	A-19
RRD155LA	A-19
RRD155W	A-19
RRD15BK	A-18
RRD15EBKTR	A-18
RRD15EGYTR	A-18
RRD15EITR	A-18
RRD15ELATR	A-18
RRD15ETR	A-18
RRD15EWTR	A-18
RRD15GY	A-18
RRD15I	A-18
RRD15KBKTR	A-18
RRD15KGYTR	A-18
RRD15KITR	A-18
RRD15KLATR	A-18
RRD15KTR	A-18
RRD15KWTR	A-18
RRD15LA	A-18
RRD15S	A-18
RRD15SBK	A-18
RRD15SBKTR	A-18
RRD15SBKWRTR	A-19
RRD15SGY	A-18
RRD15SGYTR	A-18
RRD15SGYWRTR	A-19
RRD15SI	A-18
RRD15SITR	A-18
RRD15SIWRTR	A-19
RRD15SLA	A-18
RRD15SLATR	A-18
RRD15SLAWRTR	A-19
RRD15STR	A-18
RRD15SW	A-18
RRD15SWRTR	A-19
RRD15SWTR	A-18
RRD15SWWRTR	A-19
RRD15W	A-18
RRD201	A-19
RRD201BK	A-19
RRD201BKTR	A-19
RRD201GY	A-19
RRD201GYTR	A-19
RRD201I	A-19
RRD201ITR	A-19
RRD201LA	A-19
RRD201LATR	A-19
RRD201TR	A-19
RRD201W	A-19
RRD201WTR	A-19
RRD205	A-19
RRD205BK	A-19
RRD205GY	A-19
RRD205I	A-19
RRD205LA	A-19
RRD205W	A-19
RRKDK	F-15, F-15
RS100W	E-9
RS101I	E-9
RS101W	E-9
RS115	E-6
RS115BK	E-6
RS115I	E-6
RS115ILC	E-6
RS115ILI	E-6
RS115ILLA	E-6
RS115ILW	E-6
RS115LA	E-6
RS115S	E-6
RS115SI	E-6
RS115SLA	E-6
RS115SW	E-6
RS115W	E-6
RS315	E-6
RS315BK	E-6
RS315I	E-6
RS315ILC	E-6
RS315ILI	E-6
RS315ILLA	E-6
RS315ILW	E-6
RS315LA	E-6
RS315S	E-6
RS315SI	E-6
RS315SLA	E-6
RS315SW	E-6
RS315W	E-6
RS415	E-6
RS415I	E-6
RS415LA	E-6
RS415W	E-6
RS600I	F-15
RS600LA	F-15
RS600PI	F-15
RS600PLA	F-15
RS600PW	F-15
RS600W	F-15
RS603PI	F-15
RS603PLA	F-15
RS603PW	F-15
RSD115	E-6
RSD115BK	E-6
RSD115GY	E-6
RSD115I	E-6
RSD115ILI	E-6
RSD115ILLA	E-6
RSD115ILW	E-6
RSD115LA	E-6
RSD115PLI	E-6
RSD115PLLA	E-6
RSD115PLW	E-6
RSD115W	E-6
RSD215	E-6
RSD215BK	E-6
RSD215GY	E-6
RSD215I	E-6
RSD215LA	E-6
RSD215W	E-6
RSD315	E-6
RSD315BK	E-6
RSD315GY	E-6
RSD315I	E-6
RSD315ILI	E-6
RSD315ILLA	E-6
RSD315ILW	E-6
RSD315LA	E-6
RSD315W	E-6
RSD415	E-6
RSD415BK	E-6
RSD415GY	E-6
RSD415I	E-6
RSD415LA	E-6
RSD415W	E-6
RSFSQFI	F-15
RSFSQFLA	F-15
RSFSQFW	F-15
RSKI	F-15
RSKLA	F-15
RSKW	F-15
RT100W	A-25
RT200	A-25
RT300I	A-25
RT300W	A-25
RT303	A-25
RT600I	A-25
RT600W	A-25
RU100SS	P-6
RU100W	P-6
RU170W	P-6
RU200SS	P-6
RU200W	P-6
RU270W	P-6
RW51020	Q-21
RW51040	Q-21
RW51320	Q-21
RW51330	Q-21
RW51380	Q-21
RW51450	Q-21
RW51470	C-11, H-5, Q-21
RW51520	Q-21
RW51550	H-5, Q-21
RW51810	Q-21
RW5420CG	Q-24
RW5420CW	Q-24
RW5420CZ	Q-24
RW57300	H-5, Q-23
RW57350	Q-23
RW57750	Q-23
RW58300	Q-23
RW58350	Q-23
RW58750	Q-23
RY3099	I-11
RY8PS2100D	B-11
S22710EM	Q-17
S2271GEM	Q-17
S40	N-18
S80	N-18
SA1	Q-6
SA13A	Q-9
SA2	Q-6
SA23	Q-9
SA7	Q-7
SA8	Q-7
SA82	Q-7
SAB12A	H-27

Specifications are subject to change without notice.

Alphanumeric Index

Catalog Number	Page
SAB34A	H-27
SB1	Q-6
SB126	Q-10
SB13	Q-9
SB14	Q-9
SB18	Q-10
SB2	Q-6
SB23	Q-9
SB26	Q-5
SB262	Q-5
SB3	Q-6
SB4	Q-6
SB5	Q-6
SB6	Q-6
SB7	H-27, Q-7, Q-27
SB720	Q-8, Q-27
SB8	Q-7
SB82	Q-7
SB826	Q-10
SBP1	Q-6
SBP2	Q-6
SBP26	Q-5
SBP262	Q-5
SBP263	Q-5
SBP7	Q-7
SBP8	Q-7
SBP82	Q-7
SC10	R-17
SCD075	N-7
SCD100	N-7
SCD125	N-7
SCD150	N-7
SCD175	N-7
SCD200	N-7
SCD250	N-7
SCD300	N-7
SCD350	N-7
SCH1	Q-6
SCH13	Q-9
SCH18	Q-10
SCH2	Q-6
SCH23	Q-9
SCH26	Q-5
SCH262	Q-5
SCH3	Q-6
SCH7	Q-7
SCH723	Q-8
SCH8	Q-7
SCH82	Q-7
SF14SJBK	R-9
SF14SJEI	R-9
SF14SJGY	R-9
SF14SJOW	R-9
SF14SJW	R-9
SF15ST	R-17
SF35110BK	R-18
SF35FFBK	R-9
SF35FFEI	R-9
SF35FFGY	R-9
SF35FFOW	R-9
SF35FFW	R-9
SF35GFFBK	R-9
SF35GFFEI	R-9
SF35GFFGY	R-9
SF35GFFOW	R-9
SF35GFFW	R-9
SF35SJBK	R-9
SF35SJEI	R-9
SF35SJGY	R-9
SF35SJOW	R-9
SF35SJW	R-9
SF35STBK	R-9
SF35STEI	R-9
SF35STGY	R-9
SF35STOW	R-9
SF35STW	R-9
SF5ECOGY	R-8
SFB10	R-9
SFBB10	R-9
SFBE10	R-9
SFBG10	R-9
SFBW10	R-9
SFC5EBK	R-8
SFC5EW	R-8
SFC6BK	R-8
SFC6W	R-8
SFF3GBK	R-9
SFF3GEI	R-9
SFF3GGY	R-9
SFF3GOW	R-9
SFF3GW	R-9
SFFBX	R-9
SFFEX	R-9
SFFGBK	R-9
SFFGEI	R-9
SFFGGY	R-9
SFFGOW	R-9
SFFGW	R-9
SFFGX	R-9
SFFWX	R-9
SFFX	R-9
SFGRFBK	R-9
SFGRFEI	R-9
SFGRFGY	R-9
SFGRFOW	R-9
SFGRFW	R-9
SFHC14BK	R-8
SFHC14W	R-8
SFRC110B	R-18
SFRC110GN	R-18
SFRC110R	R-18
SFRC110W	R-18
SFRC110Y	R-18
SFRCBBK	R-10
SFRCBEI	R-10
SFRCBFFBK	R-10
SFRCBFFEI	R-10
SFRCBFFGY	R-10
SFRCBFFOW	R-10
SFRCBFFW	R-10
SFRCBGY	R-10
SFRCBKBK	R-10
SFRCBKEI	R-10
SFRCBKFF	R-10
SFRCBKFFBK	R-10
SFRCBKFFEI	R-10
SFRCBKFFGY	R-10
SFRCBKFFW	R-10
SFRCBKGY	R-10
SFRCBKRBK	R-10
SFRCBKREI	R-10
SFRCBKRGY	R-10
SFRCBKROW	R-10
SFRCBKRW	R-10
SFRCBKW	R-10
SFRCBOW	R-10
SFRCBRBK	R-10
SFRCBREI	R-10
SFRCBRGY	R-10
SFRCBROW	R-10
SFRCBRW	R-10
SFRCBW	R-10
SFRCGNBK	R-10
SFRCGNEI	R-10
SFRCGNFFBK	R-10
SFRCGNFFEI	R-10
SFRCGNFFGY	R-10
SFRCGNFFOW	R-10
SFRCGNFFW	R-10
SFRCGNGY	R-10
SFRCGNOW	R-10
SFRCGNRBK	R-10
SFRCGNREI	R-10
SFRCGNRGY	R-10
SFRCGNROW	R-10
SFRCGNRW	R-10
SFRCGNW	R-10
SFRCORBK	R-10
SFRCOREI	R-10
SFRCORFFBK	R-10
SFRCORFFEI	R-10
SFRCORFFGY	R-10
SFRCORFFOW	R-10
SFRCORFFW	R-10
SFRCORGY	R-10
SFRCOROW	R-10
SFRCORRBK	R-10, R-10
SFRCORREI	R-10, R-10
SFRCORRGY	R-10, R-10
SFRCORROW	R-10, R-10
SFRCORRW	R-10, R-10
SFRCORW	R-10
SFRCRBK	R-10
SFRCREI	R-10
SFRCRFF	R-10
SFRCRFFBK	R-10
SFRCRFFEI	R-10
SFRCRFFGY	R-10
SFRCRFFW	R-10
SFRCRGY	R-10
SFRCROW	R-10
SFRCRW	R-10
SFRCWBK	R-10
SFRCWEI	R-10
SFRCWFF	R-10
SFRCWFFBK	R-10
SFRCWFFEI	R-10
SFRCWFFGY	R-10
SFRCWFFW	R-10
SFRCWGY	R-10
SFRCWOW	R-10
SFRCWRBK	R-10
SFRCWREI	R-10
SFRCWRGY	R-10
SFRCWROW	R-10
SFRCWRW	R-10
SFRCWW	R-10
SFRCYBK	R-10
SFRCYEI	R-10
SFRCYFF	R-10
SFRCYFFBK	R-10
SFRCYFFEI	R-10
SFRCYFFGY	R-10
SFRCYFFW	R-10
SFRCYGY	R-10
SFRCYOW	R-10
SFRCYRBK	R-10
SFRCYREI	R-10
SFRCYRGY	R-10
SFRCYROW	R-10
SFRCYRW	R-10
SFRCYW	R-10
SFRFGBK	R-9
SFRFGEI	R-9
SFRFGGY	R-9
SFRFGOW	R-9
SFRFGW	R-9
SFSBBK10	R-9
SFSBEI10	R-9
SFSBGY10	R-9
SFSBLA10	R-9
SFSBW10	R-9
SFSPGBKBK	R-9
SFSPGBKEI	R-9
SFSPGBKGY	R-9
SFSPGBKOW	R-9
SFSPGBKW	R-9
SFSPGRBK	R-9
SFSPGREI	R-9
SFSPGRGY	R-9
SFSPGROW	R-9
SFSPGRW	R-9
SFSV110BK	R-18
SFUSBAA3BK	R-8
SFUSBAAB	R-8
SFUSBAAOW	R-8
SFUSBAAW	R-8
SFUSBAB3BK	R-8
SFUSBABB	R-8
SFUSBABOW	R-8
SFUSBABW	R-8
SHC075	N-9
SHC075U	N-9
SHC075US	N-9
SHC100	N-9
SHC100U	N-9
SHC100US	N-9
SHC125	N-9
SHC125U	N-9
SHC125US	N-9
SHC150	N-9
SHC150U	N-9
SHC150US	N-9
SHC200	N-9
SHC200DES	N-9
SHC250	N-9
SHC250DES	N-9
SHC300	N-9
SHC300DES	N-9
SHC350	N-9
SHC400	N-9
SHC450	N-9
SHS075	N-10
SHS075U	N-10
SHS075US	N-10
SHS100	N-10
SHS100U	N-10
SHS100US	N-10
SHS125	N-10
SHS125U	N-10
SHS125US	N-10
SHS150	N-10
SHS150U	N-10
SHS150US	N-10
SHS200	N-10
SHS200DES	N-10
SHS250	N-10
SHS250DES	N-10
SHS300	N-10
SHS300DES	N-10
SHS350	N-10
SHS350DES	N-10
SHS400	N-10
SHS400DES	N-10

Alphanumeric Index

Catalog Number	Page
SHS450	N-10
SP10GF	R-15
SP10GR	R-15
SP52A	D-2
SP52GYA	D-2
SP52IA	D-2
SP52WA	D-2
SP53A	D-2
SP53GYA	D-2
SP53IA	D-2
SP53IGA	D-2
SP53IGGYA	D-2
SP53IGIA	D-2
SP53IGOA	D-2
SP53IGWA	D-2
SP53WA	D-2
SP5EF	R-15
SP5ER	R-15
SP6F	R-15
SP6R	R-15
SP82A	B-9, D-2
SP82GYA	B-9, D-2
SP82IA	B-9, D-2
SP82IGA	B-9, D-2
SP82IGGYA	B-9, D-2
SP82IGIA	B-9, D-2
SP82IGOA	B-9, D-2
SP82IGRA	B-9, D-2
SP82IGWA	B-9, D-2
SP82WA	B-9, D-2
SP83A	B-9, D-2
SP83GYA	B-9, D-2
SP83IA	B-9, D-2
SP83IGA	B-9, D-2
SP83IGGYA	B-9, D-2
SP83IGIA	B-9, D-2
SP83IGOA	B-9, D-2
SP83IGRA	B-9, D-2
SP83IGWA	B-9, D-2
SP83WA	B-9, D-2
SPC050DE	N-11
SPC050DES	N-11
SPC050L	N-12
SPC050SO	N-12
SPC050SOS	N-12
SPC050U	N-11
SPC050US	N-11
SPC062DE	N-11
SPC062DES	N-11
SPC062L	N-12
SPC062SO	N-12
SPC062SOS	N-12
SPC062U	N-11
SPC062US	N-11
SPC075DE	N-11
SPC075DES	N-11
SPC075L	N-12
SPC075SO	N-12
SPC075SOS	N-12
SPC075U	N-11
SPC075US	N-11
SPC100DE	N-11
SPC100DES	N-11
SPC100L	N-12
SPC100SO	N-12
SPC100SOS	N-12
SPC100U	N-11
SPC100US	N-11
SPC125DE	N-11
SPC125DES	N-11
SPC125L	N-12
SPC125SO	N-12
SPC125SOS	N-12
SPC125U	N-11
SPC125US	N-11
SPC150DE	N-11
SPC150DES	N-11
SPC150L	N-12
SPC150SO	N-12
SPC150SOS	N-12
SPC150U	N-11
SPC150US	N-11
SPC175DE	N-11
SPC175DES	N-11
SPC175L	N-12
SPC175SO	N-12
SPC175SOS	N-12
SPC175U	N-11
SPC175US	N-11
SPC200DE	N-11
SPC200DES	N-11
SPC200L	N-12
SPC200SO	N-12
SPC200SOS	N-12
SPC200U	N-11
SPC200US	N-11
SPC250DE	N-11
SPC250DES	N-11
SPC250L	N-12
SPC250SOS	N-12
SPC250U	N-11
SPC250US	N-11
SPC300DE	N-11
SPC300DES	N-11
SPC300L	N-12
SPC300SO	N-12
SPC300U	N-11
SPC300US	N-11
SPC350DE	N-11
SPC350DES	N-11
SPC350SO	N-12
SPC350U	N-11
SPJ023L	N-17
SPJ023LD	N-17
SPJ023U	N-17
SPJ023UD	N-17
SPJ029L	N-17
SPJ029LD	N-17
SPJ029U	N-17
SPJ029UD	N-17
SPJ035L	N-17
SPJ035LD	N-17
SPJ035U	N-17
SPJ035UD	N-17
SPJ041L	N-17
SPJ041LD	N-17
SPJ041U	N-17
SPJ041UD	N-17
SPJ046L	N-17
SPJ046LD	N-17
SPJ046U	N-17
SPJ046UD	N-17
SPJ052L	N-17
SPJ052LD	N-17
SPJ052U	N-17
SPJ052UD	N-17
SPJ058L	N-17
SPJ058LD	N-17
SPJ058U	N-17
SPJ058UD	N-17
SPJ064L	N-17
SPJ064LD	N-17
SPJ064U	N-17
SPJ064UD	N-17
SPJ075L	N-17
SPJ075LD	N-17
SPJ075U	N-17
SPJ075UD	N-17
SPJ087L	N-17
SPJ087LD	N-17
SPJ087U	N-17
SPJ087UD	N-17
SPJ100L	N-17
SPJ100LD	N-17
SPJ100U	N-17
SPJ100UD	N-17
SPJ106L	N-17
SPJ106LD	N-17
SPJ106U	N-17
SPJ106UD	N-17
SPPBK10	R-9, R-18
SPPR10	R-9, R-18
SPS050DE	N-13
SPS050DES	N-13
SPS050L	N-14
SPS050SO	N-14
SPS050U	N-13
SPS050US	N-13
SPS062DE	N-13
SPS062DES	N-13
SPS062L	N-14
SPS062SO	N-14
SPS062U	N-13
SPS062US	N-13
SPS075DE	N-13
SPS075DES	N-13
SPS075L	N-14
SPS075SO	N-14
SPS075U	N-13
SPS075US	N-13
SPS100DE	N-13
SPS100DES	N-13
SPS100L	N-14
SPS100SO	N-14
SPS100U	N-13
SPS100US	N-13
SPS125DE	N-13
SPS125DES	N-13
SPS125L	N-14
SPS125SO	N-14
SPS125U	N-13, N-26
SPS125US	N-13
SPS150DE	N-13
SPS150DES	N-13
SPS150L	N-14
SPS150SO	N-14
SPS150U	N-13
SPS150US	N-13
SPS175DE	N-13
SPS175DES	N-13
SPS175L	N-14
SPS175SO	N-14
SPS175U	N-13
SPS175US	N-13
SPS200DE	N-13
SPS200DES	N-13
SPS200L	N-14
SPS200SO	N-14
SPS200U	N-13
SPS200US	N-13
SPS250DE	N-13
SPS250L	N-14
SPS250SO	N-14
SPS250U	N-13
SPS250US	N-13
SPS300DE	N-13
SPS300L	N-14
SPS300SO	N-14
SPS300U	N-13
SPS300US	N-13
SPS350DE	N-13
SPS350L	N-14
SPS350SO	N-14
SPS350U	N-13
SPS350US	N-13
SPSR050DE	N-15
SPSR050U	N-15
SPSR050US	N-15
SPSR062DE	N-15
SPSR062DES	N-15
SPSR062L	N-16
SPSR062SO	N-16
SPSR062SOS	N-16
SPSR062U	N-15
SPSR062US	N-15
SPSR075DE	N-15
SPSR075DES	N-15
SPSR075L	N-16
SPSR075SO	N-16
SPSR075SOS	N-16
SPSR075U	N-15
SPSR075US	N-15
SPSR100DE	N-15
SPSR100DES	N-15
SPSR100L	N-16
SPSR100SO	N-16
SPSR100SOS	N-16
SPSR100U	N-15
SPSR100US	N-15
SPSR125DE	N-15
SPSR125L	N-16
SPSR125SO	N-16
SPSR125SOS	N-16
SPSR125U	N-15
SPSR125US	N-15
SPSR150DE	N-15
SPSR150DES	N-15
SPSR150SO	N-16
SPSR150SOS	N-16
SPSR150U	N-15
SPSR150US	N-15
SPSR175DE	N-15
SPSR175DES	N-15
SPSR175L	N-16
SPSR175SO	N-16
SPSR175SOS	N-16
SPSR175U	N-15
SPSR175US	N-15
SPSR200DE	N-15
SPSR200DES	N-15
SPSR200L	N-16
SPSR200SO	N-16
SPSR200U	N-15
SPSR200US	N-15
SPSR250DE	N-15
SPSR250DES	N-15
SPSR250L	N-16
SPSR250SO	N-16
SPSR250U	N-15
SPSR250US	N-15
SPSR300DE	N-15
SPSR300SO	N-16
SPSR300U	N-15
SPSR300US	N-15

Specifications are subject to change without notice.

Alphanumeric Index

Catalog Number	Page
SPSR350DE	N-15
SPSR350SO	N-16
SPSR350U	N-15
SPUF	R-15
SPUR	R-15
SS1	Q-6
SS11	Q-13
SS113	Q-10
SS114	Q-10
SS12	Q-13
SS126	Q-10
SS13	Q-9
SS138	Q-11
SS13L	Q-9
SS14	Q-9
SS1426	Q-10
SS148	Q-11
SS18	Q-10
SS1L	Q-6
SS1ME	Q-15
SS2	Q-6
SS226	Q-11
SS23	Q-9
SS24	Q-9
SS26	Q-5
SS262	Q-5
SS262L	Q-5
SS263	Q-5
SS264	Q-5
SS265	Q-5
SS266	Q-5
SS26L	Q-5
SS2L	Q-6
SS3	Q-6
SS320	Q-8
SS326	Q-12
SS33	Q-9
SS34	Q-9
SS3L	Q-6
SS4	Q-6
SS43	Q-9
SS5	Q-6
SS6	Q-6
SS607	Q-6
SS608	Q-6
SS7	A-23, H-5, H-27, Q-7, Q-27
SS701	Q-8, Q-27
SS702	Q-8, Q-27
SS703	Q-8, Q-27
SS703L	Q-8, Q-27
SS716	Q-8
SS72	Q-7
SS720	Q-8, Q-27
SS723	Q-8, Q-27
SS723L	Q-27
SS725	Q-8
SS737	Q-8
SS738	Q-13
SS739	Q-13
SS740	Q-6
SS747	A-23, Q-7
SS748	Q-7
SS749	Q-8
SS750	H-23
SS771	Q-13
SS78	Q-10
SS7L	Q-7, Q-27
SS8	H-5, Q-7
SS82	Q-7
SS826	Q-10
SS82L	Q-7
SS82MEV	Q-15
SS83	Q-7
SS84	Q-7
SS8720	Q-10
SS8L	Q-7
SS8MEV	Q-15
SSJ1	Q-14
SSJ11	Q-14
SSJ126	Q-14
SSJ13	Q-14
SSJ18	Q-14
SSJ2	Q-14
SSJ23	Q-14
SSJ26	Q-14
SSJ262	Q-14
SSJ7	Q-14
SSJ723	Q-14
SSJ8	Q-14
SSJ82	Q-14
SSR050	N-7
SSR062	N-7
SSR075	N-7
SSR100	N-7
SSR125	N-7
SSR150	N-7
SSR175	N-7
SSR200	N-7
SSR250	N-7
SSR300	N-7
SSR350	N-7
SSTP1	Q-17
SSTP12	Q-17
SSTP14	Q-17
SSTP2	Q-17
SSTP38	Q-17
SSTP58	Q-17
SSTPD	Q-17
SVL1	N-8
SVL2	N-8
SVL3	N-8
SVL4	N-8
SVL5	N-8
SY800GEM	Q-17
SY800OEM	Q-17
SY803GEM	Q-17
SY865EM	Q-17
SY865GEM	Q-17
SY865OEM	Q-17
T1254GF6	A-15, C-8
T1254SI6A	A-15, B-5
T5PPD110	R-19
TBL110	R-19
TBL66	R-19
TBLH	R-19, R-19
TCS3	R-19
TK8	R-19
TPC100B	C-11
TPC50B	C-11
TPCP1BK	R-15
TPCP1GY	R-15
TPCP1OW	R-15
TPCP1W	R-15
TPD110	R-19
TPDH	R-19, R-19
TPDLB	C-11, L-10
TPDSB	C-11, L-10
TPF1BK	R-15
TPF1GY	R-15
TPF1OW	R-15
TPF1W	R-15
TWPF1GY	R-15
TX41	R-19
TX414	R-19
TX4P	R-19
TX4P6A	R-19
TX4P6ABL	R-19
TX4P6AH	R-19
TX4PH	R-19
TX4PHBL	R-19
USB10	R-17
USBB102	A-17, E-7
USBB102BK	A-17, E-7
USBB102GY	A-17, E-7
USBB102I	A-17, E-7
USBB102LA	A-17, E-7
USBB102W	A-17, E-7
USBB15A5	A-17
USBB15A5BK	A-17
USBB15A5GY	A-17
USBB15A5I	A-17
USBB15A5LA	A-17
USBB15A5W	A-17
USBB15AC5	A-17
USBB15AC5BK	A-17
USBB15AC5BKWR	A-17
USBB15AC5GY	A-17
USBB15AC5GYWR	A-17
USBB15AC5I	A-17
USBB15AC5IWR	A-17
USBB15AC5LA	A-17
USBB15AC5LAWR	A-17
USBB15AC5W	A-17
USBB15AC5WR	A-17
USBB15AC5WWR	A-17
USBB15C5	A-17
USBB15C5BK	A-17
USBB15C5GY	A-17
USBB15C5I	A-17
USBB15C5LA	A-17
USBB15C5W	A-17
USBB20A5	A-17
USBB20A5BK	A-17
USBB20A5GY	A-17
USBB20A5I	A-17
USBB20A5LA	A-17
USBB20A5W	A-17
USBB20AC5	A-17
USBB20AC5BK	A-17
USBB20AC5BKWR	A-17
USBB20AC5GY	A-17
USBB20AC5GYWR	A-17
USBB20AC5I	A-17
USBB20AC5IWR	A-17
USBB20AC5LA	A-17
USBB20AC5LAWR	A-17
USBB20AC5W	A-17
USBB20AC5WR	A-17
USBB20AC5WWR	A-17
USBB20C5	A-17
USBB20C5BK	A-17
USBB20C5GY	A-17
USBB20C5I	A-17
USBB20C5LA	A-17
USBB20C5W	A-17
USBB4	A-17
USBB4AC	A-17
USBB4ACBK	A-17
USBB4ACGY	A-17
USBB4ACI	A-17
USBB4ACLA	A-17
USBB4ACW	A-17
USBB4BK	A-17
USBB4C	A-17
USBB4CBK	A-17
USBB4CGY	A-17
USBB4CI	A-17
USBB4CLA	A-17
USBB4CW	A-17
USBB4GY	A-17
USBB4I	A-17
USBB4LA	A-17
USBB4W	A-17
USBB8200A5	A-5, B-4
USBB8200A5BK	A-5, B-4
USBB8200A5GY	A-5, B-4
USBB8200A5I	A-5, B-4
USBB8200A5LA	A-5, B-4
USBB8200A5R	A-5, B-4
USBB8200A5W	A-5, B-4
USBB8200AC5	A-5, B-4
USBB8200AC5BK	A-5, B-4
USBB8200AC5GY	A-5, B-4
USBB8200AC5I	A-5, B-4
USBB8200AC5LA	A-5, B-4
USBB8200AC5R	A-5, B-4
USBB8200AC5W	A-5, B-4
USBB8200C5	A-5, B-4
USBB8200C5BK	A-5, B-4
USBB8200C5GY	A-5, B-4
USBB8200C5I	A-5, B-4
USBB8200C5LA	A-5, B-4
USBB8200C5R	A-5, B-4
USBB8200C5W	A-5, B-4
USBB8300A5	A-5, B-4
USBB8300A5BK	A-5, B-4
USBB8300A5GY	A-5, B-4
USBB8300A5I	A-5, B-4
USBB8300A5LA	A-5, B-4
USBB8300A5R	A-5, B-4
USBB8300A5W	A-5, B-4
USBB8300AC5	A-5, B-4
USBB8300AC5BK	A-5, B-4
USBB8300AC5GY	A-5, B-4
USBB8300AC5I	A-5, B-4
USBB8300AC5LA	A-5, B-4
USBB8300AC5R	A-5, B-4
USBB8300AC5W	A-5, B-4
USBB8300C5	A-5, B-4
USBB8300C5BK	A-5, B-4
USBB8300C5GY	A-5, B-4
USBB8300C5I	A-5, B-4
USBB8300C5LA	A-5, B-4
USBB8300C5R	A-5, B-4
USBB8300C5W	A-5, B-4
WP262E	Q-22
WP26E	Q-22
WP26EH	Q-22
WP4600	Q-24
WPB262E	Q-20
WPB268E	Q-20
WPB26E	Q-20
WPB26EH	Q-20
WPB700E	Q-20
WPB82E	Q-20
WPB8E	Q-20
WPB8EH	Q-20
WPC1	Q-19, Q-19
WPC2	Q-19, Q-19
XLR10	R-17
XLRST10	R-17

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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.

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

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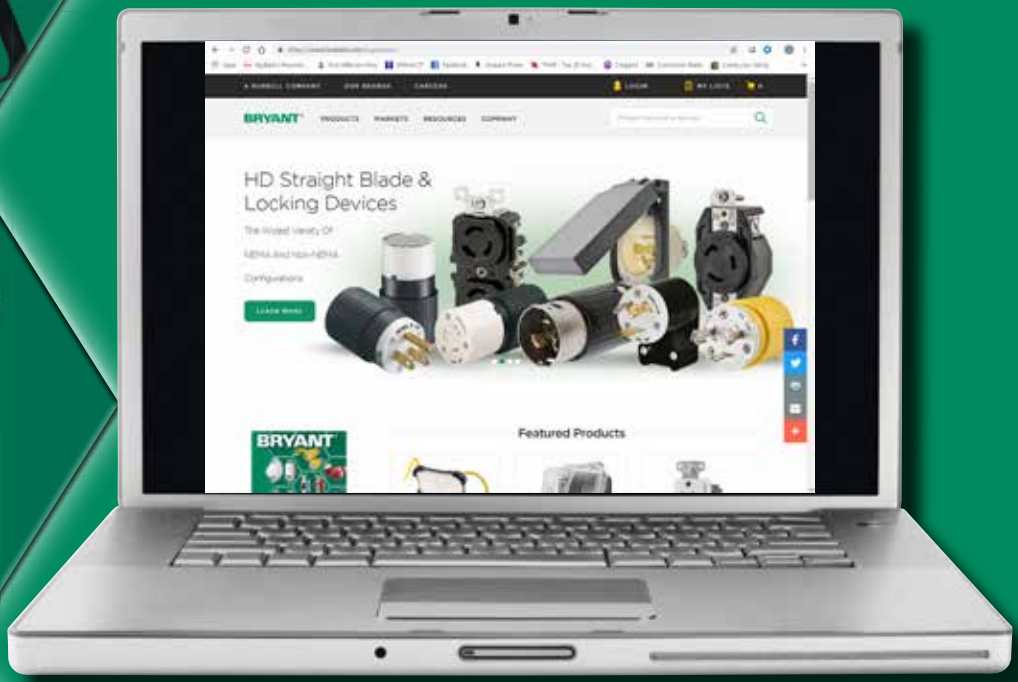
International Electrotechnical Commission (IEC)
IEC is the world’s leading organization that prepares and publishes International Standards for all electrical, electronic and related technologies.

Alphanumeric Index

Catalog Number	Page
SPSR350DE	N-15
SPSR350SO	N-16
SPSR350U	N-15
SPUF	R-15
SPUR	R-15
SS1	Q-6
SS11	Q-13
SS113	Q-10
SS114	Q-10
SS12	Q-13
SS126	Q-10
SS13	Q-9
SS138	Q-11
SS13L	Q-9
SS14	Q-9
SS1426	Q-10
SS148	Q-11
SS18	Q-10
SS1L	Q-6
SS1ME	Q-15
SS2	Q-6
SS226	Q-11
SS23	Q-9
SS24	Q-9
SS26	Q-5
SS262	Q-5
SS262L	Q-5
SS263	Q-5
SS264	Q-5
SS265	Q-5
SS266	Q-5
SS26L	Q-5
SS2L	Q-6
SS3	Q-6
SS320	Q-8
SS326	Q-12
SS33	Q-9
SS34	Q-9
SS3L	Q-6
SS4	Q-6
SS43	Q-9
SS5	Q-6
SS6	Q-6
SS607	Q-6
SS608	Q-6
SS7	A-23, H-5, H-27, Q-7, Q-27
SS701	Q-8, Q-27
SS702	Q-8, Q-27
SS703	Q-8, Q-27
SS703L	Q-8, Q-27
SS716	Q-8
SS72	Q-7
SS720	Q-8, Q-27
SS723	Q-8, Q-27
SS723L	Q-27
SS725	Q-8
SS737	Q-8
SS738	Q-13
SS739	Q-13
SS740	Q-6
SS747	A-23, Q-7
SS748	Q-7
SS749	Q-8
SS750	H-23
SS771	Q-13
SS78	Q-10
SS7L	Q-7, Q-27
SS8	H-5, Q-7
SS82	Q-7
SS826	Q-10
SS82L	Q-7
SS82MEV	Q-15
SS83	Q-7
SS84	Q-7
SS8720	Q-10
SS8L	Q-7
SS8MEV	Q-15
SSJ1	Q-14
SSJ11	Q-14
SSJ126	Q-14
SSJ13	Q-14
SSJ18	Q-14
SSJ2	Q-14
SSJ23	Q-14
SSJ26	Q-14
SSJ262	Q-14
SSJ7	Q-14
SSJ723	Q-14
SSJ8	Q-14
SSJ82	Q-14
SSR050	N-7
SSR062	N-7
SSR075	N-7
SSR100	N-7
SSR125	N-7
SSR150	N-7
SSR175	N-7
SSR200	N-7
SSR250	N-7
SSR300	N-7
SSR350	N-7
SSTP1	Q-17
SSTP12	Q-17
SSTP14	Q-17
SSTP2	Q-17
SSTP38	Q-17
SSTP58	Q-17
SSTPD	Q-17
SVL1	N-8
SVL2	N-8
SVL3	N-8
SVL4	N-8
SVL5	N-8
SY800GEM	Q-17
SY800OEM	Q-17
SY803GEM	Q-17
SY865EM	Q-17
SY865GEM	Q-17
SY865OEM	Q-17
T1254GF6	A-15, C-8
T1254SI6A	A-15, B-5
T5PPD110	R-19
TBL110	R-19
TBL66	R-19
TBLH	R-19, R-19
TCS3	R-19
TK8	R-19
TPC100B	C-11
TPC50B	C-11
TPCP1BK	R-15
TPCP1GY	R-15
TPCP1OW	R-15
TPCP1W	R-15
TPD110	R-19
TPDH	R-19, R-19
TPDLB	C-11, L-10
TPDSB	C-11, L-10
TPF1BK	R-15
TPF1GY	R-15
TPF1OW	R-15
TPF1W	R-15
TWPF1GY	R-15
TX41	R-19
TX414	R-19
TX4P	R-19
TX4P6A	R-19
TX4P6ABL	R-19
TX4P6AH	R-19
TX4PH	R-19
TX4PHBL	R-19
USB10	R-17
USBB102	A-17, E-7
USBB102BK	A-17, E-7
USBB102GY	A-17, E-7
USBB102I	A-17, E-7
USBB102LA	A-17, E-7
USBB102W	A-17, E-7
USBB15A5	A-17
USBB15A5BK	A-17
USBB15A5GY	A-17
USBB15A5I	A-17
USBB15A5LA	A-17
USBB15A5W	A-17
USBB15AC5	A-17
USBB15AC5BK	A-17
USBB15AC5BKWR	A-17
USBB15AC5GY	A-17
USBB15AC5GYWR	A-17
USBB15AC5I	A-17
USBB15AC5IWR	A-17
USBB15AC5LA	A-17
USBB15AC5LAWR	A-17
USBB15AC5W	A-17
USBB15AC5WR	A-17
USBB15AC5WWR	A-17
USBB15C5	A-17
USBB15C5BK	A-17
USBB15C5GY	A-17
USBB15C5I	A-17
USBB15C5LA	A-17
USBB15C5W	A-17
USBB20A5	A-17
USBB20A5BK	A-17
USBB20A5GY	A-17
USBB20A5I	A-17
USBB20A5LA	A-17
USBB20A5W	A-17
USBB20AC5	A-17
USBB20AC5BK	A-17
USBB20AC5BKWR	A-17
USBB20AC5GY	A-17
USBB20AC5GYWR	A-17
USBB20AC5I	A-17
USBB20AC5IWR	A-17
USBB20AC5LA	A-17
USBB20AC5LAWR	A-17
USBB20AC5W	A-17
USBB20AC5WR	A-17
USBB20AC5WWR	A-17
USBB20C5	A-17
USBB20C5BK	A-17
USBB20C5GY	A-17
USBB20C5I	A-17
USBB20C5LA	A-17
USBB20C5W	A-17
USBB4	A-17
USBB4AC	A-17
USBB4ACBK	A-17
USBB4ACGY	A-17
USBB4ACI	A-17
USBB4ACLA	A-17
USBB4ACW	A-17
USBB4BK	A-17
USBB4C	A-17
USBB4CBK	A-17
USBB4CGY	A-17
USBB4CI	A-17
USBB4CLA	A-17
USBB4CW	A-17
USBB4GY	A-17
USBB4I	A-17
USBB4LA	A-17
USBB4W	A-17
USBB8200A5	A-5, B-4
USBB8200A5BK	A-5, B-4
USBB8200A5GY	A-5, B-4
USBB8200A5I	A-5, B-4
USBB8200A5LA	A-5, B-4
USBB8200A5R	A-5, B-4
USBB8200A5W	A-5, B-4
USBB8200AC5	A-5, B-4
USBB8200AC5BK	A-5, B-4
USBB8200AC5GY	A-5, B-4
USBB8200AC5I	A-5, B-4
USBB8200AC5LA	A-5, B-4
USBB8200AC5R	A-5, B-4
USBB8200AC5W	A-5, B-4
USBB8200C5	A-5, B-4
USBB8200C5BK	A-5, B-4
USBB8200C5GY	A-5, B-4
USBB8200C5I	A-5, B-4
USBB8200C5LA	A-5, B-4
USBB8200C5R	A-5, B-4
USBB8200C5W	A-5, B-4
USBB8300A5	A-5, B-4
USBB8300A5BK	A-5, B-4
USBB8300A5GY	A-5, B-4
USBB8300A5I	A-5, B-4
USBB8300A5LA	A-5, B-4
USBB8300A5R	A-5, B-4
USBB8300A5W	A-5, B-4
USBB8300AC5	A-5, B-4
USBB8300AC5BK	A-5, B-4
USBB8300AC5GY	A-5, B-4
USBB8300AC5I	A-5, B-4
USBB8300AC5LA	A-5, B-4
USBB8300AC5R	A-5, B-4
USBB8300AC5W	A-5, B-4
USBB8300C5	A-5, B-4
USBB8300C5BK	A-5, B-4
USBB8300C5GY	A-5, B-4
USBB8300C5I	A-5, B-4
USBB8300C5LA	A-5, B-4
USBB8300C5R	A-5, B-4
USBB8300C5W	A-5, B-4
WP262E	Q-22
WP26E	Q-22
WP26EH	Q-22
WP4600	Q-24
WPB262E	Q-20
WPB268E	Q-20
WPB26E	Q-20
WPB26EH	Q-20
WPB700E	Q-20
WPB82E	Q-20
WPB8E	Q-20
WPB8EH	Q-20
WPC1	Q-19, Q-19
WPC2	Q-19, Q-19
XLR10	R-17
XLRST10	R-17



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