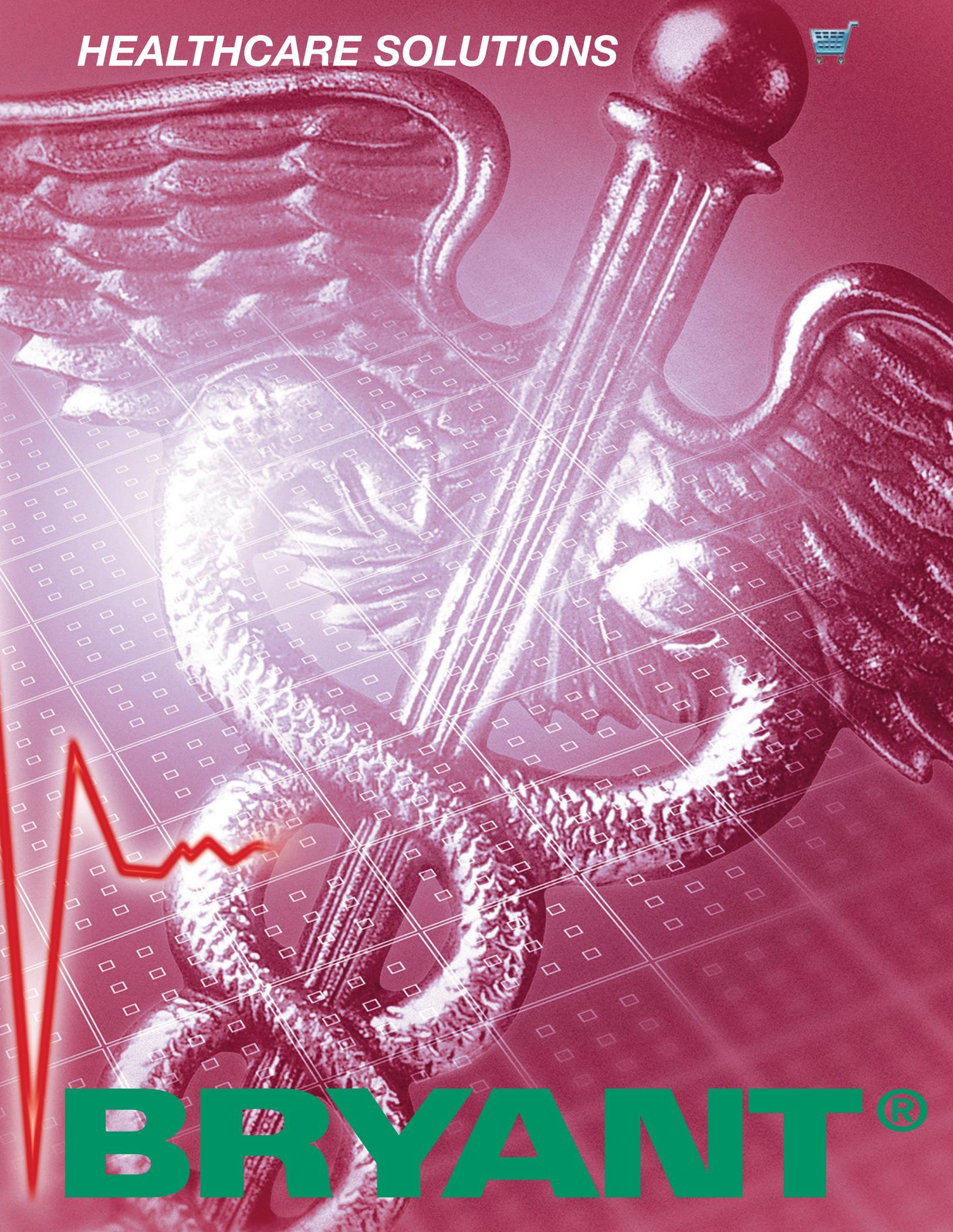


HEALTHCARE SOLUTIONS



BRYANT®



When it comes to healthcare, no one wants to settle for second best. When you choose Bryant® wiring devices, you never have to. We take pride in offering the very best quality wiring devices including a line designed specifically for hospital and healthcare applications.

This brochure is designed to not only help you understand what “Hospital Grade” really means, it is intended to help you become familiar with some of the most common Bryant products that are typically used in hospital and healthcare applications and to help facilitate your search for these items. For a complete list of products, be sure to consult the Bryant catalog or visit us on-line at www.bryant-electric.com.



What is “Hospital Grade” and what does it mean?

Hospital grade devices are a step above traditional industrial grade devices and represent the most durable construction in our product offering. The term “Hospital Grade” was actually developed to describe a device that would withstand the heavy abuse typically seen in hospital and heavy-duty industrial applications. Abrupt plug pullout, damage from heavy equipment and disrupted ground continuity are just a few examples of problems encountered in heavy -duty healthcare applications. To effectively service these harsh environments, “Hospital Grade” devices were conceived. Working closely with UL®, specialized new tests were developed to qualify devices to these stringent requirements and label them accordingly. Today, this label is universally recognized as a green dot on the face of the device.

Underwriters Laboratories is very specific regarding the scope, construction and specific tests required for hospital grade

devices*. The National Electrical Code requirements relating to hospital grade devices can be found in NEC® article 517.

As with all devices, simply having the hospital grade designation doesn’t mean all hospital grade devices are created equally. Bryant’s hospital grade devices were designed specifically for harsh environments and typically exceed the minimum UL testing requirements for a Hospital Grade listing.

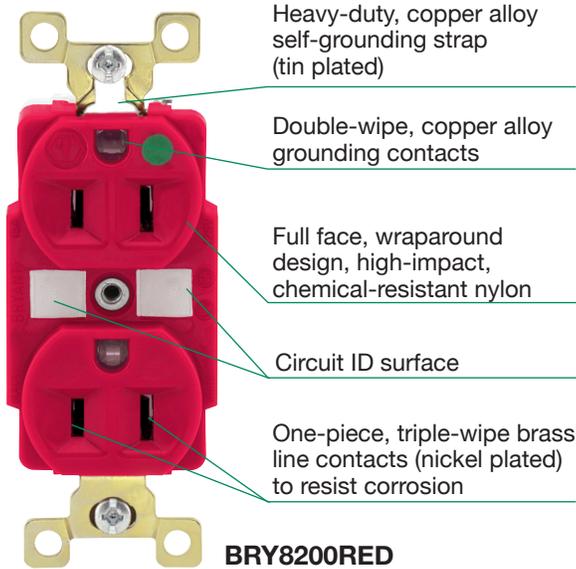
When using a Bryant device, you can be assured it has passed the most stringent requirements for strength, durability, ease of assembly and grounding reliability. Bryant’s unique design, high quality construction and unparalleled performance provide extreme confidence and reliability when it comes to healthcare.

* UL 498 Supplement SD – Hospital Grade Devices, section SD1.

Hospital Grade Receptacles

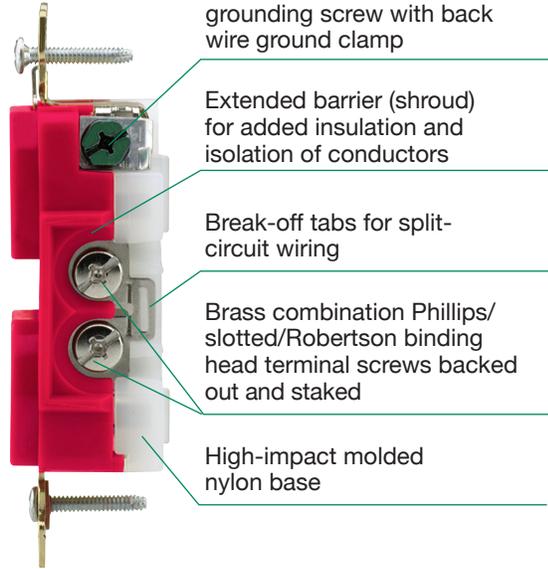


Complete, one-piece grounding system



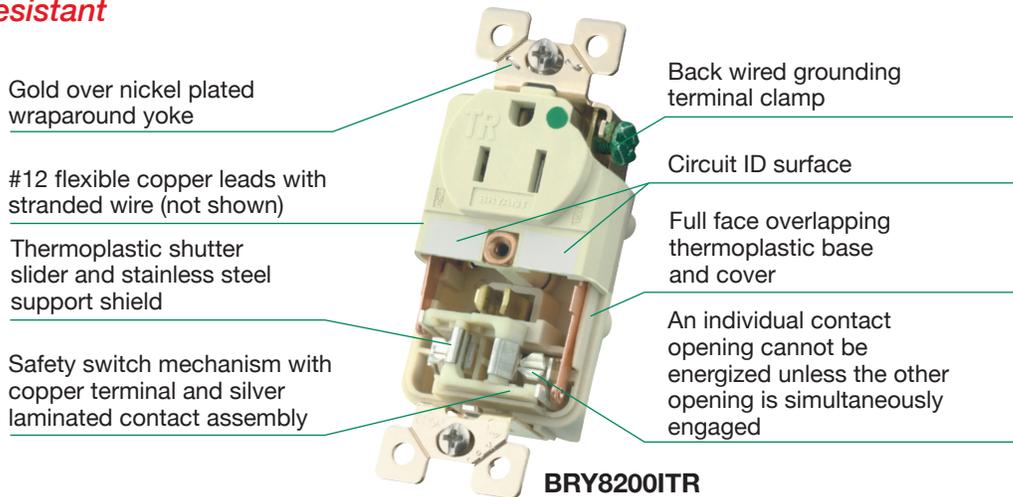
- Heavy-duty, copper alloy self-grounding strap (tin plated)
- Double-wipe, copper alloy grounding contacts
- Full face, wraparound design, high-impact, chemical-resistant nylon
- Circuit ID surface
- One-piece, triple-wipe brass line contacts (nickel plated) to resist corrosion

BRY8200RED



- Extra-large green, combination Phillips/slotted/Robertson hex head grounding screw with back wire ground clamp
- Extended barrier (shroud) for added insulation and isolation of conductors
- Break-off tabs for split-circuit wiring
- Brass combination Phillips/slotted/Robertson binding head terminal screws backed out and staked
- High-impact molded nylon base

Tamper Resistant



- Gold over nickel plated wraparound yoke
- #12 flexible copper leads with stranded wire (not shown)
- Thermoplastic shutter slider and stainless steel support shield
- Safety switch mechanism with copper terminal and silver laminated contact assembly
- Back wired grounding terminal clamp
- Circuit ID surface
- Full face overlapping thermoplastic base and cover
- An individual contact opening cannot be energized unless the other opening is simultaneously engaged

BRY8200ITR

Hospital Grade Receptacles

	15A, 125V AC NEMA 5-15	20A, 125V AC NEMA 5-20
Duplex Receptacle	BRY8200x	BRY8300x
Single Receptacle	8210x	8310x
Duplex Receptacle - Illuminated Face	BRY8200xL	BRY8300xL
Duplex Receptacle - Isolated Ground (ivory, white, gray only)	BRY8200IGx	BRY8300IGx
Duplex Receptacle - Isolated Ground Orange	BRY8200IG	BRY8300IG
Duplex Receptacle - Tamper Resistant*	BRY8200xTR	BRY8300xTR
Fashion Series Duplex Receptacle	9200x	9300x
Fashion Series Duplex Receptacle - Illuminated Face	9200xL	9300xL
Fashion Series Duplex Receptacle - Isolated Ground	9200IGx	9300IGx
Fashion Series Duplex Receptacle - Isolated Ground Orange	9200IG	9300IG

Replace "x" with appropriate letter(s) to indicate desired color:

Ivory (I)	White (W)	Red (RED)	Gray (GRY)
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*Note: Use "G" for tamper resistant gray.

Ground Fault Circuit Interrupters



LED GFR® Duplex Receptacles

- Flashing red LED indicates loss of ground fault protection
- Reverse wire protection
- Enhanced surge withstand
- Compact Size



Self-Testing GFR® Duplex Receptacles

- Continuous verification of ground fault protection
- Runs self-diagnostic test on entire mechanical and electronic ground fault protection system every 60 seconds
- Complimentary “manual test” mode available
- 10,000 Amp short circuit rating



Hospital Grade Ground Fault Receptacles

Duplex Ground Fault Receptacle with LED indicator
Self Testing Ground Fault Receptacle

NEMA 5-15
15A, 125V AC

NEMA 5-20
20A, 125V AC

GF82xL

GF83xL

GF82xST

GF83xST

Replace “x” with appropriate letter(s) to indicate desired color:

Ivory (I) White (W) Red (R) Gray (GY) Black (BK) Almond (AL)

Portable Ground Fault Cord Sets

	Auto Reset 15A, 125V	Manual Reset 15A, 125V
2' 12/3 AWG line cord, single outlet	GFC2A	GFC2M
25' 12/3 AWG line cord, single outlet	—	GFC25M
2' 12/3 AWG line cord, triple tap	GFC2TRIA	GFC2TRIM



Surge Receptacles



- 400V clamping capability
- 240 joules & 15,000A of surge protection
- All-glass printed circuit board with a conformal coating and nylon shield
- Visible LED
- Audible alarm (muting screw included)
- High-impact nylon face
- External back-wire terminations with “U” shaped wire clamps
- Automatic grounding clip and tandem bypass contacts.

Hospital Grade Ground Fault Receptacles

Surge Duplex with LED and Audible Alarm - Blue
Surge Duplex with LED and Audible Alarm
Isolated Ground Surge Duplex with LED and Audible Alarm - Orange
Isolated Ground Surge Duplex with LED and Audible Alarm - Blue
Isolated Ground Surge Duplex with LED and Audible Alarm

NEMA 5-15
15A, 125V AC

NEMA 5-20
20A, 125V AC

SP82A

SP83A

SP82xA

SP83xA

SP82IGOA

SP83IGOA

SP82IGA

SP83IGA

SP82IGxA

SP83IGxA

Replace “x” with appropriate letter(s) to indicate desired color:

Ivory (I) White (W) Red (RED) Gray (GRY)!



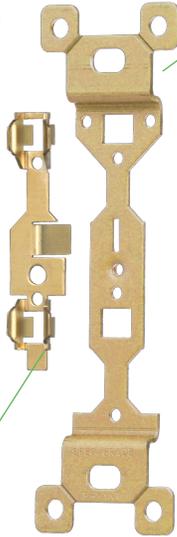
Deep nylon face, safely and securely encloses the contacts providing a rugged, impact resistant design

Plated steel mounting strap

Nylon base with 8 locking tabs secure the receptacle together

One piece brass ground contact

Solid brass contacts ensure reliable, low-impedance current flow



- Heavy-duty impact and chemical resistant nylon receptacle face
- Save up to three minutes of installation time per device
- Allows for quick, easy inspection and change-out capability
- Quick-Tech connector and receptacle both fully insulated with no exposed terminals
- First make, last break ground contact
- Narrow profile

Hospital Grade:

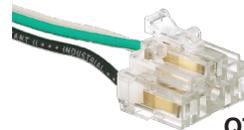


Stainless Steel Autoground Clip

Three assembly screws and a solid brass mounting strap

Quick-Tech™ Pigtailed Terminal

Clear Connector with 6" Leads - Solid Wire	QT6R1
Clear Connector with 6" Leads - Stranded Wire	QT6R2



QT6R1

Quick-Tech™ Duplex Receptacles

Fed Spec UL/CSA Specification Grade	NEMA 5-15 15A, 125V AC	NEMA 5-20 20A, 125V AC
	QT5262x	QT5362x
Hospital Grade	QT8200x	QT8300x

Replace "x" with appropriate letter(s) to indicate desired color:

Ivory (I)	White (W)	Red (RED)	Gray (GRY)
Black (BK)	Almond (AL)	Brown (no suffix)	

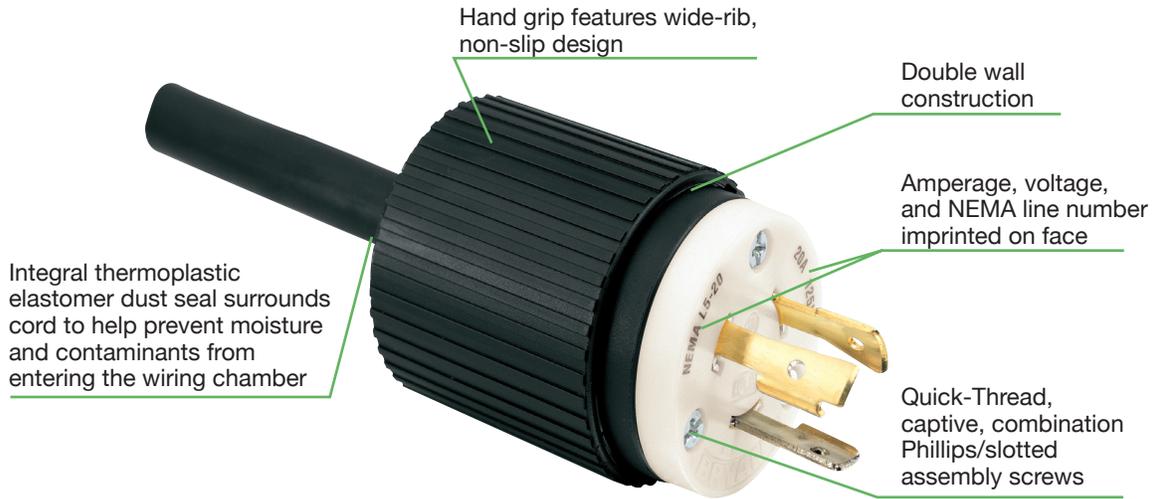


QT5262I



QT8200W

Locking Plugs and Connectors*



Transparent terminal cover, extended "teardrop" wiring pockets and backed out "captive" terminal screws.



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



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

Easy to recognize catalog numbers associated with NEMA configurations (see example below)

NEMA Configuration	Bryant Catalog Number
L5-20	7 05 20 NP
L14-30	7 14 30 FR

Inverted "L" NEMA Configuration

NP — Nylon Plug
FR — Flush Receptacle



70520FR

Locking Plugs and Connectors

NEMA	Rating	Triple-Gripper® Plug	Triple-Gripper® Connector	Single Receptacle
L5-20	20A 125V	70520NP	70520NC	70520FR
L5-30	30A 125V	70530NP	70530NC	70530FR
L6-20	20A 250V	70620NP	70620NC	70620FR
L6-30	30A 250V	70630NP	70630NC	70630FR
L14-20	20A 125/250V	71420NP	71420NC	71420FR
L14-30	30A 125/250V	71430NP	71430NC	71430FR

For additional configurations, contact your local Bryant distributor, sales agent or Bryant Customer Service.



70520NC



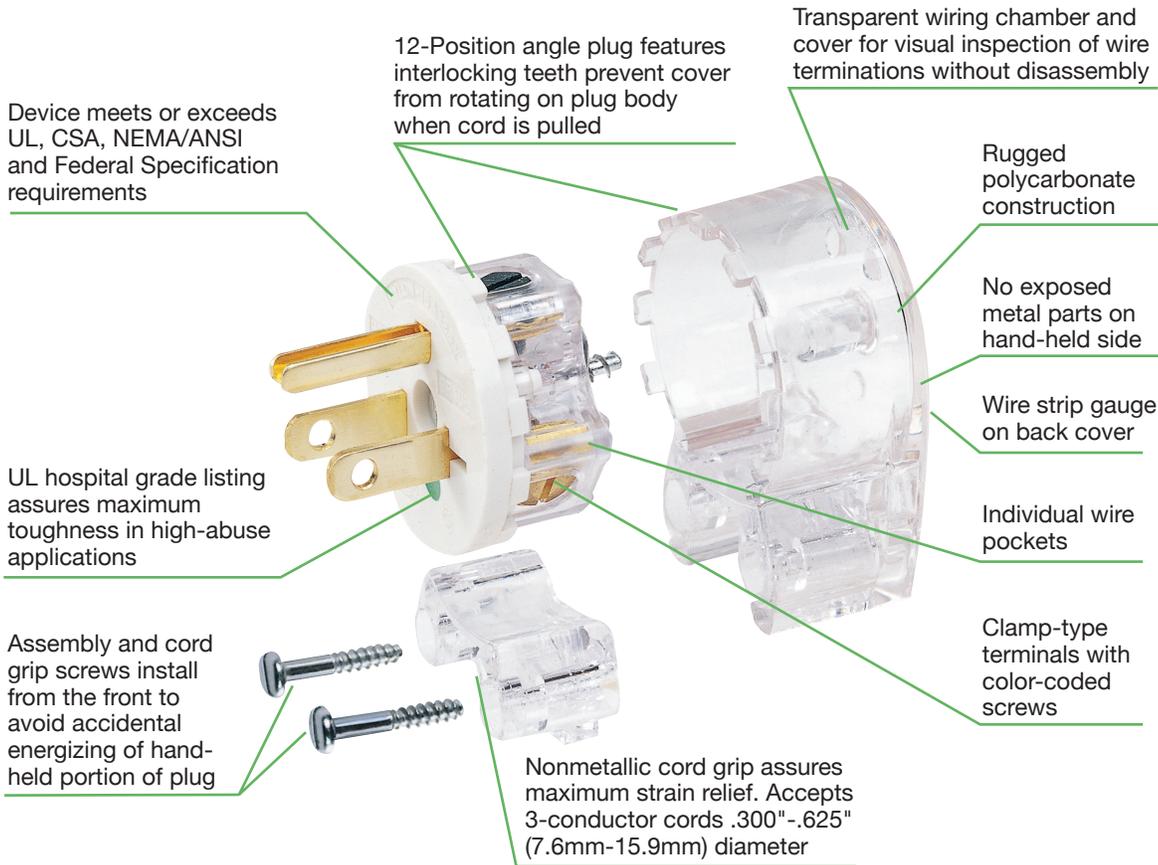
70204ANA

Angle Adapter for Locking Plugs & Connectors

Description	Catalog Number
Nylon Angle Adapter	70204ANA

Note: *There is not a UL Standard for "Hospital Grade" locking devices.

Straight Blade Plugs and Connectors



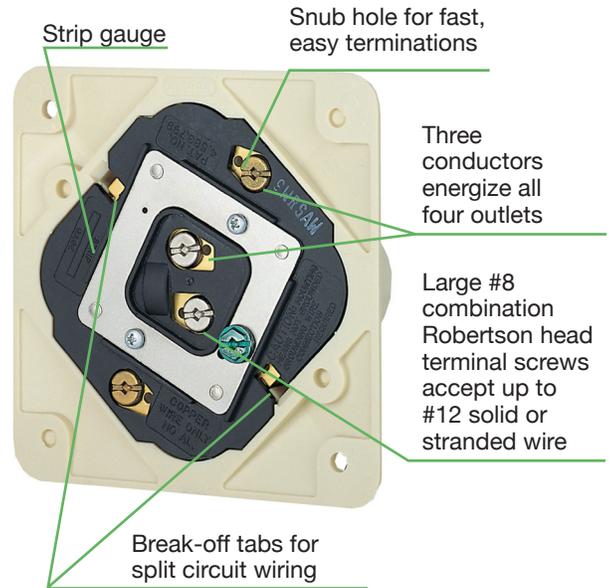
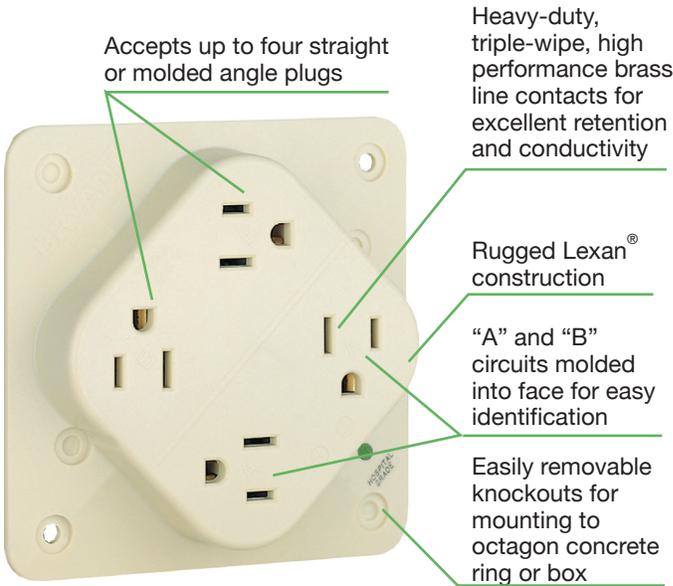
No matter which angle position you choose, you're assured of the safety of straight-in wiring. Exclusive Bryant safety design features no metal parts on hand-held portion of plug.



Hospital Grade Straight Blade Plugs and Connectors

	NEMA 5-15 15A, 125V AC	NEMA 5-20 20A, 125V AC	NEMA 6-15 15A, 250V	NEMA 6-20 20A, 250V
Plug, white	BRY8266NP	BRY8366NP	-	BRY8466NP
Plug, transparent	8266T	8366T	-	-
Connector, white	BRY8269NC	BRY8369NC	-	BRY8469NC
Connector, transparent	8269T	8369T	-	-
Angle Plug, 12-position, transparent	8295T	8395T	8695T	8495T

Hospital Grade Quadplex Receptacles



- 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 Lexan® construction
- Break off tabs for split circuit wiring (except surge units).



Hospital Grade Quadplex Receptacles

	15A, 125V AC NEMA 5-15	20A, 125V AC NEMA 5-20
Quadplex	1254Hx	21254Hx
Quadplex, Isolated Ground, Orange	1254HIGO	21254HIGO
Quadplex, Surge Suppression, Isolated Ground, Blue	1254HSA	21254HSA
Quadplex, Surge Suppression, Isolated Ground, Ivory	1254HSIA	21254HSIA
Quadplex with Pilot Light (ivory, white, red only)	1254HxP	21254HxP
Quadplex with Wire Leads (brown, ivory only)	—	21254HxL

Replace "x" with appropriate letter(s) to indicate desired color

Ivory (I)	White (W)	Red (R)	Gray (GY)	Brown (B)
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21254HIL



21254HRP

Adapter Plates

Adapter Plate for 1-gang, 2-gang and 4" sq. boxes ¹	ADAPx
Adapter Plate for 4 11/16" boxes (brown and ivory only) ¹	ADAPxS

Replace "x" with appropriate letter(s) to indicate desired color

Ivory (I)	White (W)	Red (R)	Gray (GRY)	Brown (B)	Orange (O)	Blue (BLU)	Black (BLK)
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ADAP1

Specialty “Hospital Only” Devices

- Designed specifically for use in non-hazardous hospital applications
- Spring loaded shutters on connector and receptacle eject plug if not properly mated eliminating contact tease
- Suitable as disconnecting means under full-rated load
- Receptacle fits standard single receptacle plate and has clamp-type back wire terminals

Specialty “Hospital Only” Devices

Plug, nylon with clamp-type terminals	23014HG
Connector, nylon with clamp-type terminals	23001HG
Flush receptacle, black phenolic, back wired	23000HG



23014HG



23001HG



23000HG

Mobil X-Ray Devices*

- 2-Pole, 3-Wire Grounding
- 50 and 60 Amp, 250V AC

<i>Mobile X-Ray Receptacles</i>	50A, 250V AC	60A 250V AC
Receptacle with stainless steel plate assembly	BRY25505	BRY25605
Receptacle with cast aluminum plate assembly	BRY25503	BRY25603

Products are made to order. Consult Bryant customer service for delivery information.

Mobile X-Ray Plugs

Plug with epoxy kit, less cord clamp	BRY25515	BRY25615
Plug with cord clamp, less epoxy kit	BRY25525	BRY25625

Cord clamp range for plug is 0.830” – 1.3” (21.1mm – 33.0mm). 50A plugs fit 50A or 60A receptacles. Products are made to order. Consult Bryant customer service for delivery information.

Back Box

Stamped steel box 8”x8”x4” for mobile X-Ray receptacles. 1 ¼”, 1 ½” & 2” knockouts.	BRY25509
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Note: *Products are made to order. Consult Bryant customer service for delivery information



BRY25605



BRY25603



BRY25515



BRY25615

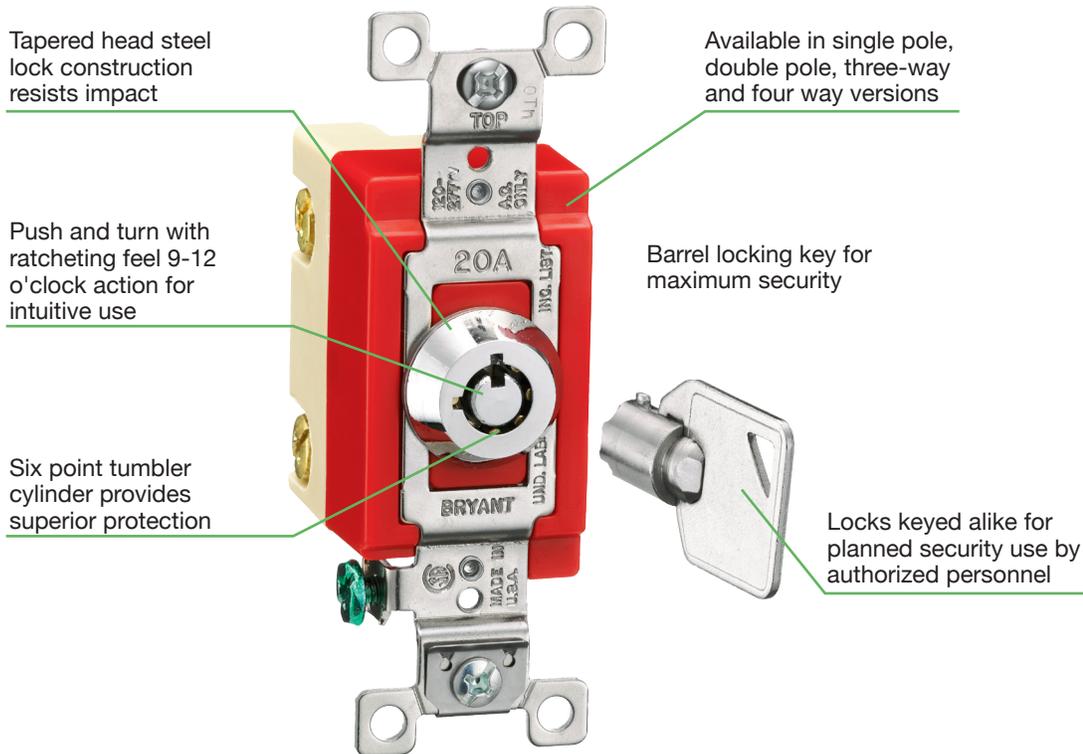


BRY25509

Industrial Grade Switches*



Bryant's Industrial AC Switch Design



Bryant's Toggle Switches

- High impact chemical resistant nylon toggle
- Backwire clamp-type terminal accepts up to #10 wire

Toggle Switches**	15A, 120-277V AC	20A, 120-277V AC
Single Pole	4801x	4901x
Double Pole	4802x	4902x
3-Way	4803x	4903x
4-Way	4804x	4904x



Locking Switches

Single Pole Barrel-Key	—	4901RKL
Double-Pole Barrel-Key	—	4902RKL
3-Way Barrel-Key	—	4903RKL
4-Way Barrel-Key	—	4904RKL
Replacement Barrel-Key	—	6006RKL
Single Pole Straight-Key	4801L	4901L
Double Pole Straight-Key	4802L	4902L
3-Way Straight-Key	4803L	4903L
4-Way Straight Key	4804L	4904L
Replacement Straight-Key		6006



Replace "x" with appropriate letter(s) to indicate desired color

Ivory (I)	White (W)	Red (R)	Gray (G)	Black (BLK)	Almond (AL)	Brown (no suffix)
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Note: *There is not a UL Standard for "Hospital Grade" switches.

**Illuminated switches are also available (ivory glow when switch is in "off" position and clear, red or green pilot light when switch is in "on" position). Consult Bryant catalog for details.

Specialty Wallplates



- Markings are beneath the surface to maintain clarity and legibility.
- High-impact nylon for maximum strength and chemical resistance.
- Withstands severe abuse in hospital, industrial and commercial applications.
- Smooth easy-to-clean surface.

Pre-marked Nylon Plates

Emergency

1-Gang Duplex Receptacle	Red	NPJ8RMEV
1-Gang Switch	Red	NPJ1RME

Isolated Ground

1-Gang Duplex Receptacle	Orange	NP8OIG
1-Gang Fashion Series	Orange	NP26OIG
1-Gang Single Receptacle	Orange	NP7OIG

Computer Only

1-Gang Duplex Receptacle	Orange	NPJ8CO
1-Gang Duplex Receptacle	Ivory	NPJ8C
1-Gang Fashion Series	Blue	NPJ26CBL
1-Gang Fashion Series	Ivory	NPJ26C



NPJ8RMEV



NP7OIG



NPJ8C

Specialty Plates

302 Stainless Steel Plates for Barrel-Lock Key Switch

1-Gang with On/Off marking	—	R61RKL
1-Gang with Position Marking	—	R61RKLM
2-Gang with On/Off Marking	—	R62RKL
2-Gang with Position Marking	—	R62RKLM

302 Stainless Steel and Cast Aluminum Plates

302/304 Stainless Steel, Single-Gang, 1.40" Dia. Hole	—	S611
Brass, Single Gang, 1.40" Dia. Hole	—	S2811
Nylon, Single Gang, 1.40" Dia. Hole	Black	NP7BK
Cast Aluminum with Lift Cover, Indoor Use Only	—	23007



R61RKL



S611



23007

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BPB100 5M

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