

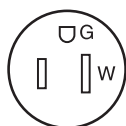
Straight Blade Devices

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	 1-15R	 1-15P							
	125V	5	 5-15R	 5-15P	 5-20R	 5-20P	 5-30R	 5-30P	 5-50R	 5-50P	
2 Pole / 3 Wire Grounding	250V	6	 6-15R	 6-15P	 6-20R	 6-20P	 6-30R	 6-30P	 6-50R	 6-50P	
	277V AC	7	 7-15R	 7-15P							
3 Pole / 3 Wire	125/250V AC	10			 10-20R	 10-20P	 10-30R	 10-30P	 10-50R	 10-50P	
	125/250V AC	14					 14-30R	 14-30P	 14-50R	 14-50P	 14-60R
3 Pole / 4 Wire Grounding	3Ø 250V AC	15					 15-30R	 15-30P	 15-50R	 15-50P	 15-60R
	3ØY 120/208V AC	18			 18-20P				 18-50R	 18-50P	 18-60R
2 Pole / 3 Wire	347V	24		 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.

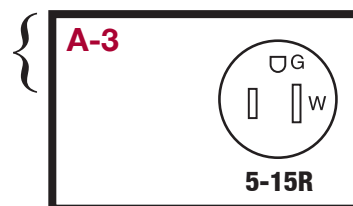


Open Slots indicates Receptacle / Connector Body configurations (female).



Closed Slots indicates Plug / Inlet configurations (male).

Catalog Section and Page Number



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.

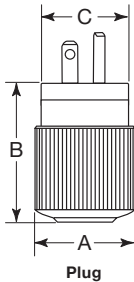
15A and 20A 125V and 20A 250V Plugs and Connectors, 2-Pole 3-Wire Inches (mm)



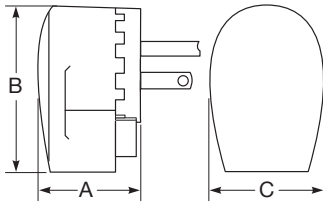
Device Type		Straight Plug		Angled Plug	Connector	
Rating	Cord Diameter	White Thermoplastic	Transparent Nylon/Polycarbonate	Transparent Nylon/Polycarbonate	White Thermoplastic	Transparent Nylon/Polycarbonate
NEMA 5-15, 15A 125V 	.245"-.655" (6.2-16.6)	BRY8266NP	8266T	8295T	BRY8269NC	8269T
NEMA 5-20, 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)

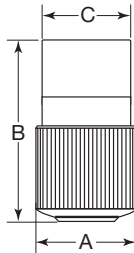
	Plug	Angled Plug	Connector
A	1.52" (38.6)	1.30" (33.0)	1.52" (38.6)
B	2.18" (55.4)	2.07" (52.6)	2.95" (74.9)
C	1.38" (35.1)	1.52" (38.6)	1.38" (35.1)



Plug



Angled Plug

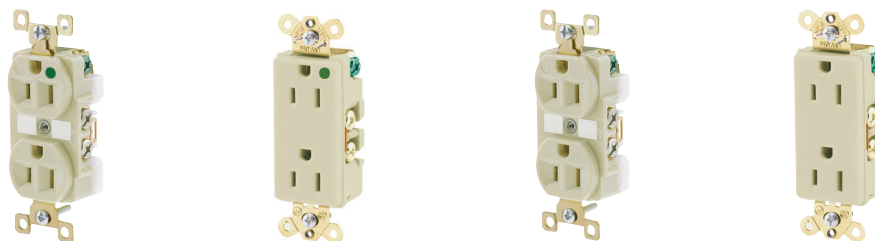


Connector

Straight Blade Devices

Technical Specifications - Hospital and Industrial Grade Receptacles

Hospital and Industrial Grade Receptacles



Description	Hospital Grade		Standard	
	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)
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Materials Inches (mm)

Components	Hospital Grade Materials	Industrial 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)

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

Impact Resistant Plugs and Connectors



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15A and 20A 125V and 20A 250V Plugs and Connectors, 2-Pole 3-Wire

Inches (mm)



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