

Straight Blade Devices

Technical Specifications - Hospital and Industrial Grade Receptacles

Hospital and Industrial Grade Receptacles



BRY8200I



9200I



BRY5262I



9252I

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)

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