

Straight Blade Devices

Technical Specifications - Commercial Receptacles



CRS15



DRS20GRY



USB8300

Commercial Receptacles

	Standard		Hospital Grade
Description	Duplex	Decorator	Charger Receptacle
Typical specification catalog number	CRS15 (TR, WRTR)	DRS15 (TR, WRTR)	USB8300
Manufacturer's identification	Bryant CRS15	Bryant DRS15	USB8300
Description	Commercial grade straight blade receptacle, back and side wired		USB charger, two USB ports 3.8A, 5V DC, type A, class 2.0, LED green indicator
Type	2-pole, 3-wire, Grounding		2-pole, 3-wire, grounding
Rating	15A 125V, NEMA 5-15R		20A, 125V AC, USB 3.8 Amp, 5V DC

Certification

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