

WSRD Interlocked Receptacle

With Enclosed Disconnect Switch

600 Vac, 250 Vdc, 30, 60, 100 Amp, 50/60 Hz, Fused and Non-fused for use with Powertite™ ACP plugs.

NEC/CEC:

Rated for Ordinary (Unclassified) Locations

Sheet Metal Enclosure — NEMA 3, 12

Stainless Steel Enclosure — NEMA 3, 3R, 4, 4X, 12

Applications

- Designed for use in raintight or watertight, non-hazardous, heavy duty applications where a service outlet is required for portable or fixed electrical equipment such as:
 - Welders
 - Generators
 - Compressors
 - Infrared ovens
 - Batch feeders
 - Conveyors
 - Truck terminals
 - Marine docks
- Ideally suited for use in industrial plant applications such as:
 - Automotive and steel processing plants
 - Pulp and paper processing plants
 - Milk processing plants and creameries
 - Fabrication yards and shipyards
 - Refrigerated truck terminals

Features

- For use where an interlocked disconnect switch is desired to control a Powertite receptacle and insertion or removal of plug. Interlock prohibits plug insertion or removal under load. Plug is secured in place by interlock and cannot be withdrawn unless interlock release lever is actuated.
- Spring door standard and screw cap provided at no additional cost to meet NEMA 3, 3R, 4, 4X applications.
- The Square D ■ F-Series offers the latest in switch technology: An operating mechanism designed to endure at least three times the number of operations required by NEMA and UL standards; modular componentry designed for quick and easy maintenance; and visible blades for an extra measure of safety while the low mass cam allows greater blade operating speed and reduced mechanical wear.
- Insulated, dual-color polymer operating handle clearly indicates the switch being energized. Ergonomically designed handle is made of high-impact polymer material for exceptional ruggedness, durability and corrosion resistance ◀.
- Utilizes Style 2 (shell and extra pole) grounding and 3-wire, 4-pole receptacle wiring.
- Eaton switches arranged for Class H fusing and Class H, K on Square D switches. Product can be retrofitted with Class R or J fuses.
- Short circuit withstand rated to 200,000 RMS symmetrical Amps (Class R and J Fusing).
- Unit is equipped with defeatable door interlock which allows emergency access when switch is energized.
- Cover can be padlocked closed.
- Operating handle can be locked in the "OFF" or "ON" position.
- Dead front design: receptacle is not energized until plug is fully inserted and switch is engaged.
- Wire size for 30 and 60 Amp models is #14 to #2 AWG. For 100 Amp models it is #14 to #1/0 AWG.



WSRD (Cutler Hammer)
Sheet Metal Enclosure



WSRD (Square D)
Sheet Metal Enclosure



WSRD
Stainless Steel Enclosure

Standard Materials and Finishes

- Receptacle assembly: copperfree (4/10 of 1% max.) aluminum with epoxy powder coating inside and outside
- WSRD enclosure: enamel coated sheet metal
- WSRD-N4 enclosure: stainless steel
- Operating handle ◀: high impact polymer
- WSRD-N4 hardware: stainless steel

NEC/CEC Certifications and Compliances

- UL Standard: UL 98, UL 50E, UL 1682, UL 1686
- CSA Standard: C22.2 No.4, C22.2 No. 182.1

Related Products

- Uses standard Powertite ACP plugs for wide acceptability.

PLUGS AND RECEPTACLES: NEC/CEC ORDINARY LOCATION

APPLETON™

■ Square D is a registered trademark of Schneider Electric.

◀ Cutler Hammer models have metallic handles. Cutler Hammer is a registered trademark of Eaton Corporation.

UL Classified for use with Crouse-Hinds Arktite® plugs. Crouse-Hinds and Arktite are registered trademarks of Cooper Crouse-Hinds.

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PLUGS AND RECEPTACLES: NEC/CEC ORDINARY LOCATION

APPLETON™

Amp	Wire Size AWG	Fusing ①	HP at 600 ∅ Vac 3-Phase		Sheet Metal Enclosure Without Viewing Window ■	Sheet Metal Enclosure With Viewing Window ■	Stainless Steel Enclosure Without Viewing Window ■	Stainless Steel Enclosure With Viewing Window ■	Mating Plug
			Std.	Max					
30	#14 to #2	Fused	7.5	20	WSRD3352SQ	WSRD3352WSQ	WSRD3352N4SD	WSRD3352N4WSD	ACP3034BC
		Non-Fused	—	30	WSRD33542SQ	WSRD33542WSQ	WSRD33542N4SD	WSRD33542N4WSD	ACP3034BC
60	#6 to #2	Fused	15	50	WSRD6352 ♦	N/A	N/A	N/A	ACP6034BC
		Non-Fused	—	50	WSRD63542 ♦	N/A	N/A	N/A	ACP6034BC
		Fused	15	50	WSRD6352SQ	WSRD6352WSQ	WSRD6352N4SD	WSRD6352N4WSD	ACP6034BC
		Non-Fused	—	60	WSRD63542SQ	WSRD63542WSQ	WSRD63542N4SD	WSRD63542N4WSD	ACP6034BC
100	#4 to #1/0	Fused	30	75	WSRD10352SQ	WSRD10352WSQ	WSRD10352N4SD	WSRD10352N4WSD	ACP1034CD
		Non-Fused	—	100	WSRD103542SQ	WSRD103542WSQ	WSRD103542N4SD	WSRD103542N4WSD	ACP1034CD

Auxiliary Contact Accessories for Square D WSRD Disconnect Switch †

Interlock Type	50 or 60 Hz		Break	Cont.	Vdc	Make and Break	Cont.	Catalog Number
	Vac	Make						
1 NO/1 NC CONTACT	120	40A	15A	15A	115	0.50A	15A	WSAUX1
	240	20A	10A	15A	230	0.25A	15A	
	480	10A	6A	15A	—	—	—	
	600	8A	5A	15A	600	0.05A	15A	
2 NO/2 NC CONTACTS	120	30A	3.0A	10A	115	1.0A	10A	WSAUX2
	240	15A	1.5A	10A	230	0.30A	10A	
	480	7.5A	.75A	10A	—	—	—	
	600	6.0A	.60A	10A	600	0.10A	10A	

Replacement Parts ③

Description	Catalog Number
Square D Heavy Duty Disconnect Switch Operating Handle	WSRHANDLE
Cutler-Hammer™ Heavy Duty Disconnect Switch Operating Handle	WSRDHANDLE
30 Amp, Powertite ACP Plug Twist Clamping Ring	30CRING
30 Amp, Receptacle Screw Cover with Gasket and Chain	30SCAP
30 Amp, Powertite WRDK Interlocked Panel Mount Receptacle	WRDK3034
60 Amp, Powertite WRDK Interlocked Panel Mount Receptacle	WRDK6034
100 Amp, Powertite WRDK Interlocked Panel Mount Receptacle	WRDK1034
60 Amp Cutler-Hammer 600V 3-Pole Heavy Duty Switch Base Replacement	WSRDSB
60 Amp Cutler-Hammer 600V 3-Pole Heavy Duty Fuse Base Replacement	WSRDFB

① Fuses not included in fused products. Eaton switches arranged for Class H fusing and Class H, K on Square D switches. Product can be retrofitted with Class R or J fuses.

② Std.—using fast acting one time fuses. Max—using dual element time delay fuses.

③ See instructions provided with product for additional replacement part components.

■ Standard Square D F-Series Disconnect Switch, except where noted.

♦ Cutler Hammer Disconnect Switch.

† Single pole single throw interlock kits are rated 1/2 HP @ 110 and 220 Vac. WSAUX1 utilizes a 9007A01 limit switch. WSAUX2 utilizes a 9007C03 limit switch.