

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 and CPH plugs.

NEC/CEC:

Rated for Ordinary (Unclassified) Locations

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 Plug is secured in place by interlock and cannot be withdrawn unless interlock release lever is actuated.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 or CPH 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 Arkrite® plugs. Arkrite is a registered trademark of Cooper Crouse-Hinds.

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PLUGS AND RECEPTACLES: NEC/CEC ORDINARY LOCATION

APPLETON™

		HP at 600 ② Vac 3–Phase					Field Installable Aux. Contacts 1 or 2 NO/NC			
Amp	Wire Size AWG	Fusing ①	Std.	Max	Without Viewing Window	With Viewing Window			Mating Plug	
Sheet Metal Enclosure — NEMA 3R, 12 *										
30	#14 to #2	Fused	7.5	20	WSRD3352SQ	WSRD3352WSQ	WSAUX1	WSAUX2	ACP3034BC	
		Non-Fused	—	30	WSRD33542SQ	WSRD33542WSQ	WSAUX1	WSAUX2	ACP3034BC	
60	#6 to #2	Fused	15	50	WSRD6352 ♦	N/A	WSRDAUX1	WSRDAUX2	ACP6034BC	
		Non-Fused	—	50	WSRD63542 ♦	N/A	WSRDAUX1	WSRDAUX2	ACP6034BC	
		Fused	15	50	WSRD6352SQ	WSRD6352WSQ	WSAUX1	WSAUX2	ACP6034BC	
		Non-Fused	—	60	WSRD63542SQ	WSRD63542WSQ	WSAUX1	WSAUX2	ACP6034BC	
100	#4 to #1/0	Fused	30	75	WSRD10352SQ	WSRD10352WSQ	WSAUX1	WSAUX2	ACP1034CD	
		Non-Fused	—	100	WSRD103542SQ	WSRD103542WSQ	WSAUX1	WSAUX2	ACP1034CD	
Stainless Steel Enclosure — NEMA 3, 3R, 4, 4X, 12 *										
30	#14 to #2	Fused	7.5	20	WSRD3352N4SD	WSRD3352N4WSD	WSAUX1	WSAUX2	ACP3034BC	
		Non-Fused	—	30	WSRD33542N4SD	WSRD33542N4WSD	WSAUX1	WSAUX2	ACP3034BC	
60	#6 to #2	Fused	15	50	WSRD6352N4SD	WSRD6352N4WSD	WSAUX1	WSAUX2	ACP6034BC	
		Non-Fused	—	60	WSRD63542N4SD	WSRD63542N4WSD	WSAUX1	WSAUX2	ACP6034BC	
100	#4 to #1/0	Fused	30	75	WSRD10352N4SD	WSRD10352N4WSD	WSAUX1	WSAUX2	ACP1034CD	
		Non-Fused	—	100	WSRD103542N4SD	WSRD103542N4WSD	WSAUX1	WSAUX2	ACP1034CD	
Square D Auxiliary Contacts for WSRD Disconnect Switch *										
Interlock Type		50 or 60 Hz Vac	Make		Break	Cont.	Vdc	Make and Break	Cont.	Catalog Number
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	

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.

■ 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.

WSRD Interlocked Receptacle

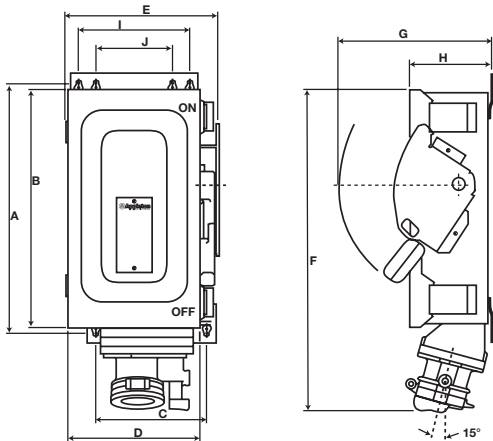
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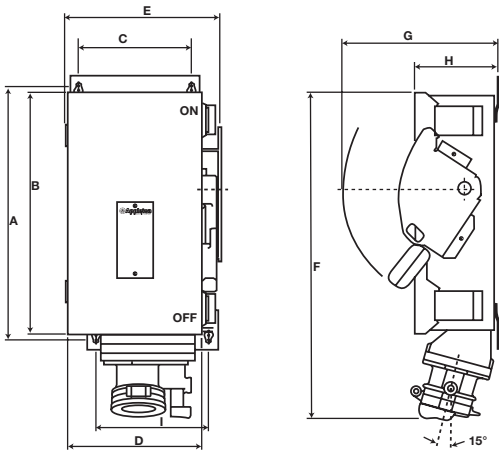
Dimensions in Millimeters (Inches)

WSRD Interlocked Receptacle with Enclosed Switch — Square D — NEMA 12



Dimensions in Millimeters (Inches)										
Amp	A	B	C	D	E	F	G	H	I	J
30 and 60	425.4 (16.75)	419.1 (16.50)	190.5 (7.50)	228.6 (9.0)	266.7 (10.50)	565.1 (22.25)	261.8 (10.31)	140.4 (5.53)	190.5 (7.50)	130.0 (5.12)
100	527.0 (20.75)	520.7 (20.50)	190.5 (7.50)	228.6 (9.0)	266.7 (10.50)	666.7 (26.25)	261.8 (10.31)	140.4 (5.53)	190.5 (7.50)	130.0 (5.12)

WSRD Interlocked Receptacle with Enclosed Switch — Square D — NEMA 4



Dimensions in Millimeters (Inches)									
Amp	A	B	C	D	E	F	G	H	I
30 and 60	443.4 (17.46)	428.4 (16.87)	190.5 (7.50)	226.5 (8.92)	274.5 (10.81)	584.2 (23.0)	25.4 (10.00)	129.7 (5.11)	190.5 (7.50)
100	543.8 (21.41)	528.8 (20.82)	190.5 (7.50)	237.4 (9.36)	285.7 (11.25)	711.2 (28.0)	25.7 (10.13)	177.0 (6.97)	190.5 (7.50)

WSRD Interlocked Receptacle

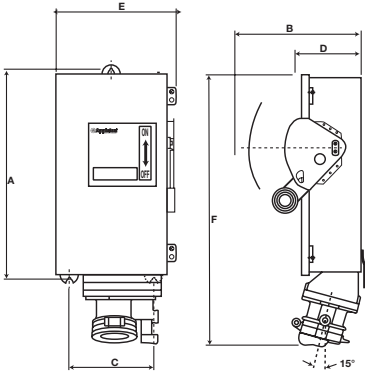
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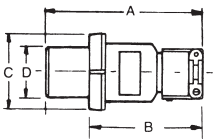
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Dimensions in Millimeters (Inches)

WSRD Interlocked Receptacle — Cutler Hammer — NEMA 12



ACP Plug



Amp	No. Poles	Dimensions in Millimeters (Inches)			
		A	B	C	D
30	2,3,4	152.4 (6.00)	120.6 (4.75)	79.5 (3.13)	47.2 (1.86)
60	4	198.3 (7.81)	125.4 (4.94)	96.7 (3.81)	64.7 (2.55)
100	4	266.7 (10.50)	168.4 (6.63)	107.9 (4.25)	69.0 (2.72)