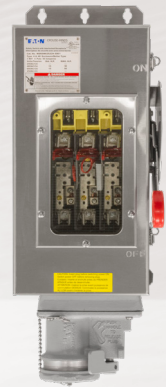
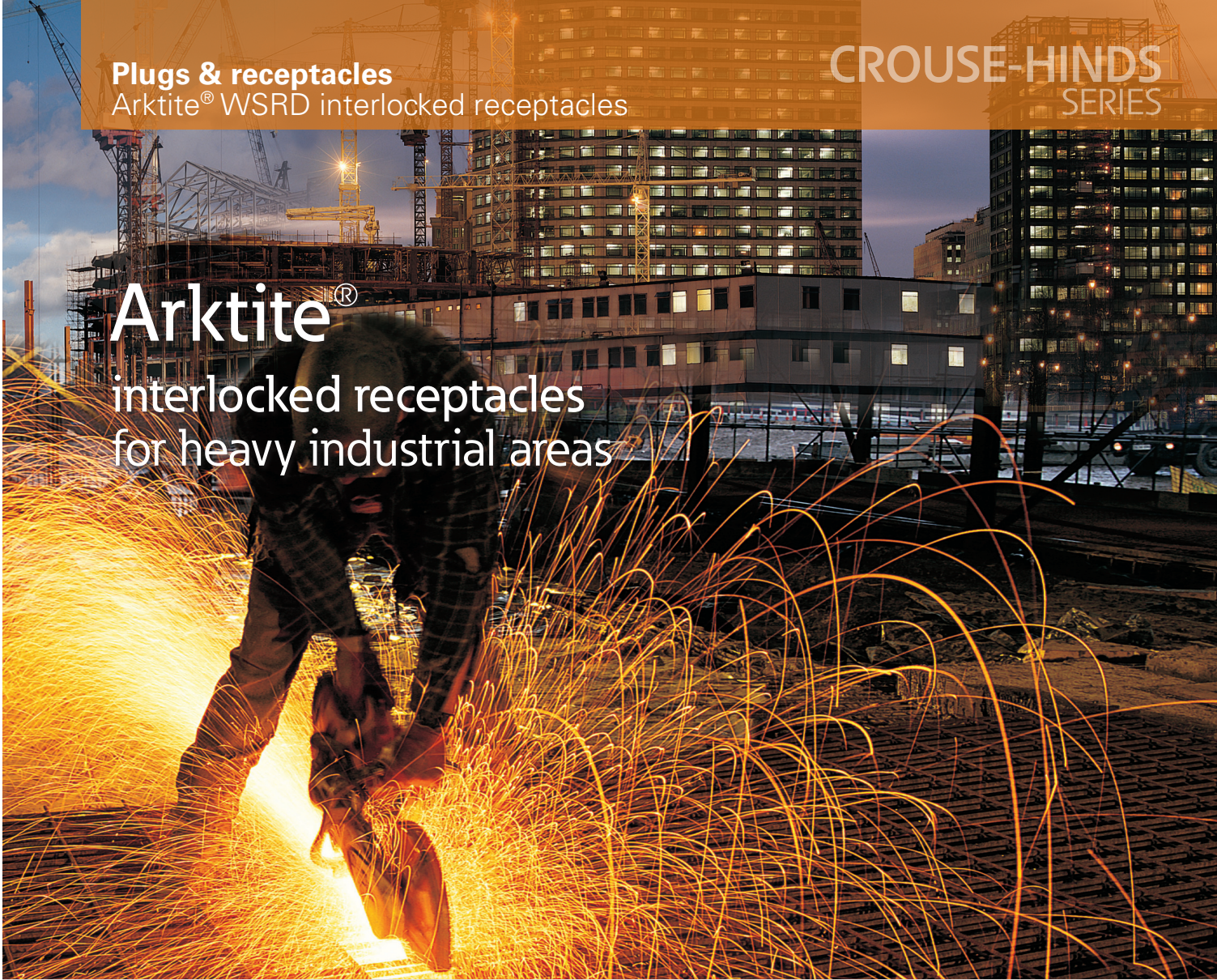


Plugs & receptacles  
Arktite® WSRD interlocked receptacles

CROUSE-HINDS  
SERIES

# Arktite®

interlocked receptacles  
for heavy industrial areas



**EATON**

Powering Business Worldwide



Safe, portable power.

# Arktite interlocked receptacles

Arktite interlocked receptacles prevent engagement and disengagement of the plug under load, providing safe, portable connections and extended product life.

Fusible or non-fusible versions available in 30, 60 and 100 amp configurations.

## Engineered for safety:

- The switch enclosure and receptacle are interlocked with the body and operating mechanism. The enclosure cannot be opened when the plug is engaged and switch is in ON position
- Switch cannot be turned on with enclosure door open
- Interlock mechanism on the receptacle prevents plug from being disengaged under load

## Applications:

- Used as a service outlet for portable or fixed electrical equipment, such as generators, compressors, welders, portable tools, conveyors, lighting systems and similar equipment
- Designed for use in non-hazardous areas where dust, moisture and corrosion may be a problem
- Designed for flush or surface mounting
- A fusible switch, when used, provides short circuit protection



## Specifications

### Electrical ratings:

- 3- and 4-pole; fusible or non-fusible
- 240 VAC, 250 VDC, 480 VAC, 600 VAC
- 30, 60, 100 amp
- Max. HP ratings: 15 to 75 HP

### Sheet steel model

#### Certifications:

##### NEC/CEC standard:

- Enclosure Type 3R, 12

##### UL standard:

- UL Listed – UL98, UL1682

##### cUL standard:

- cUL Listed – Certified by UL to CSA standards C22.2 Nos. 4, 182.1

#### Standard materials:

- Enclosure: sheet steel
- Hardware: stainless steel
- Receptacle housing: copper-free aluminum
- Contacts: naval brass
- Interlock mechanism: stainless steel

#### Standard finishes:

- Aluminum: natural
- Brass: natural

### Stainless steel model

#### Certifications:

##### NEC/CEC standard:

- Enclosure Type 4, 4X

##### UL standard:

- UL Listed – UL98, UL1682

##### cUL standard:

- cUL Listed – Certified by UL to CSA standards C22.2 Nos. 4, 182.1

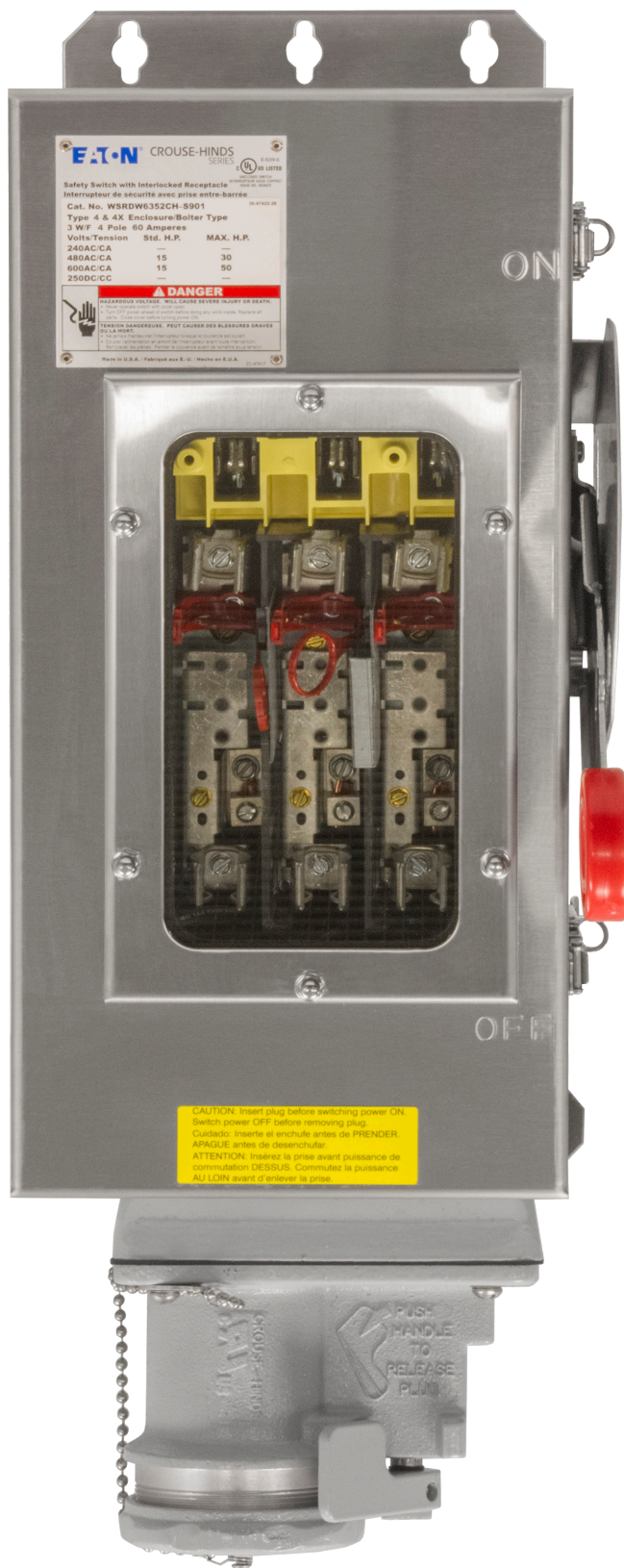
#### Standard materials:

- Enclosure: Type 304 stainless steel
- Hardware: stainless steel
- Receptacle housing: copper-free aluminum
- Contacts: naval brass
- Interlock mechanism: stainless steel

#### Standard finishes:

- Stainless steel: natural (enclosure)
- Aluminum: Corro-free™ epoxy powder (receptacle)
- Brass: natural (contacts)

## Features and benefits



### Easy access and built to last:

- Optional window allows viewing of both visible blade and indicating type fuses
- HP rated enclosed switch for motor load applications
- Optional 22.5° rotated interior of receptacle allows for differentiation when used on circuits of different voltages
- Ground bar supplied as standard and connected to 4th wire in receptacle

### Engineered for safety:

- The switch enclosure and receptacle are interlocked with the body and operating mechanism. The enclosure cannot be opened when the plug is engaged and switch is in ON position
- Switch cannot be turned on with enclosure door open
- Interlock mechanism on the receptacle prevents plug from being disengaged under load
- Factory adjusted interlock rod assures optimal interface with receptacle



**Rugged enclosure design:**

- Tool-free cover latches for quick and easy access
- Corrosion- and impact-resistant
- Type 4X, watertight and IP66 ratings (model dependent)
- Door with seamless gasket prevents moisture ingress
- Handle with insulated grip features a positive stop in both ON and OFF positions
- Complies with OSHA lockout/tagout requirements
- Corro-free™ powder coat epoxy and threaded cap ensure added corrosion resistance (stainless steel versions)
- Split pin, self-wiping naval brass contacts in receptacle provide nearly 360° contact and ensure better contact life

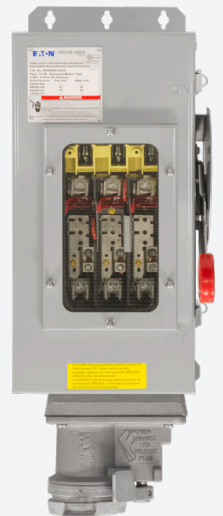


**Arktite plugs:**

- Plug locks into receptacle, providing positive worry-free power engagement
- Locking ring provides a watertight seal at connection point

**Available in sheet or stainless steel**

**Sheet steel models**



**Stainless steel model**



# Ordering information: receptacle

## Part number example

### WSRDW33542CH-S901-S483-S4

Arkrite interlocked receptacle with window, Eaton Cutler-Hammer 30 amp disconnect switch, non-fusible, style 2, stainless steel, auxiliary contact and 22.5° rotated plug interior

<b>WSRD</b>	<b>W</b>	<b>3</b>	<b>354</b>	<b>2</b>	<b>CH</b>	<b>-</b>	<b>S901</b>	<b>-</b>	<b>S483</b>	<b>-</b>	<b>S4</b>
<b>Series</b>		<b>Voltage</b>		<b>Style</b>			<b>Enclosure material/finish</b>				<b>Options</b>
<b>WSRD</b> Arkrite interlocked receptacle		<b>3</b> 30 amp <b>6</b> 60 amp <b>10</b> 100 amp		<b>1</b> Style 1 (3W/3P) <b>2</b> Style 2 (3W/4P)			<b>S901*</b> Stainless steel, natural finish; grey epoxy painted receptacle <b>BLANK</b> Stamped steel, grey epoxy painted; natural finish receptacle				<b>S483</b> Factory installed auxiliary contacts <b>S4</b> Rotated interior (22.5° right)
<b>Door style</b>			<b>Fusibility</b>								
<b>BLANK</b> Solid door <b>W</b> Windowed door			<b>35</b> Fusible <b>354</b> Non-fusible								
			Eaton Cutler-Hammer safety disconnect switch								
											* Only available for style 2 3W4P.

## Horsepower ratings

Amps	3-phase: 480 VAC		3-phase: 600 VAC	
	Std.	Max.	Std.	Max.
30	5	15	7.5	20
60	15	30	15	50
100	25	60	30	75

**NOTE:** Style 1 and style 2 have the same horsepower ratings. Fusible models have the same horsepower rating as non-fusible models when used with the appropriate time delay fuses.

## Accessories (ordered separately)

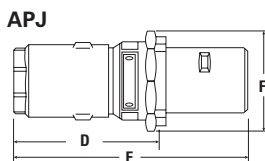
<b>DH030NK</b>	Neutral kit – 30-60A DH
<b>DH100NK</b>	Neutral kit – 100A DH
<b>DS16CP</b>	Control pole kit (for 2P, 3P switches) – 400-600A DG, 30-1200A DH, 30-800A DT
<b>DS200EK1</b>	Auxiliary contact kit – All switches (except 30-100A DG switches) 1 NO/1 NC
<b>DS200EK2</b>	Auxiliary contact kit – All switches (except 30-100A DG switches) 2 NO/2 NC
<b>DS30FP</b>	Fuse puller kit – 30-60A
<b>DS100FP</b>	Fuse puller kit – 100A DH
<b>DS16FK</b>	"R" fuse adapter kit – 30A 600V DH & DT, 60A 240V DH & DT, 60A DG
<b>DS36FK</b>	"R" fuse adapter kit – 100A 240-600V DH, DT

# Ordering information: plugs

## APJ/NPJ plugs

Style 1: 3-wire, 3-pole	Style 2: 3-wire, 4-pole	OD of cable or flexible conduit	Amps Maximum volts
	<b>APJ3485</b>	0.60 to 1.20"	30A 250 DC, 600 AC
<b>APJ3375</b>	<b>NPJ3483</b>	0.55 to 0.70"	
	<b>NPJ3484</b>	0.70 to 0.85"	60A 250 DC, 600 AC
<b>APJ6485</b>	<b>APJ6485</b>	0.75 to 1.15"	
<b>APJ6375</b>	<b>NPJ6484</b>	0.75 to 1.07"	100A 250 DC, 600 AC
	<b>NPJ6485</b>	1.07 to 1.35"	
	<b>APJ10487</b>	1.00 to 1.70"	100A 250 DC, 600 AC
<b>APJ10377</b>	<b>NPJ10486</b>	0.93 to 1.21"	
	<b>NPJ10487</b>	1.21 to 1.50"	

## Plug dimensions



### APJ: 3-pole

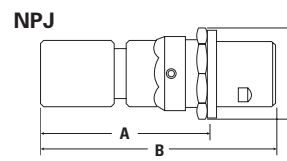
	30A	60A	100A
<b>D</b>	4 13/16 [122]	5 3/4 [146]	6 9/16 [167]
<b>E</b>	6 1/2 [165]	8 1/2 [216]	10 1/8 [257]
<b>F</b>	2 5/16 [59]	3 3/8 [92]	3 3/4 [95]

Dimensions: Inches [mm]

### APJ: 4-pole

	30A	60A	100A
<b>D</b>	4 13/16 [122]	5 13/16 [148]	6 5/8 [168]
<b>E</b>	6 1/2 [165]	8 1/2 [216]	10 1/8 [257]
<b>F</b>	2 5/16 [59]	3 3/4 [95]	4 1/8 [105]

Dimensions: Inches [mm]



### NPJ: 4-pole

	30A	60A	100A
<b>A</b>	8 1/2 [216]	9 1/2 [241]	11 1/4 [286]
<b>B</b>	7 [178]	6 13/16 [173]	7 3/4 [197]
<b>C</b>	3 3/16 [81]	4 [102]	4 1/4 [108]

Dimensions: Inches [mm]

# Dimensions

## Solid door (no window) model

	30A	60A	100A
<b>A</b>	5.50 [140]	5.50 [140]	5.50 [140]
<b>B</b>	8.94 [227]	8.44 [214]	11.14 [291]
<b>C</b>	7.73 [196]	7.73 [196]	11.48 [291]
<b>D</b>	10.21 [259]	10.20 [259]	10.21 [259]
<b>E</b>	8.22 [209]	8.22 [209]	8.22 [209]
<b>F</b>	5.50 [140]	5.50 [140]	5.50 [140]
<b>G</b>	15.82 [402]	15.82 [402]	21.69 [551]
<b>H</b>	19.09 [485]	19.09 [485]	24.96 [634]
<b>I</b>	23.43 [595]	24.60 [624]	31.05 [788]
<b>J</b>	5.97 [152]	7.14 [181]	7.73 [196]

Dimensions: Inches [mm]

## Mounting (center-to-center)

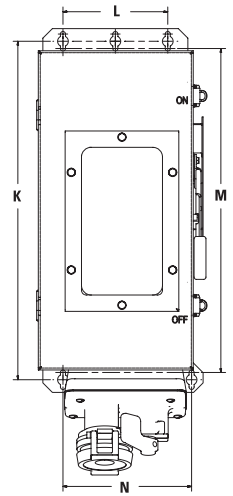
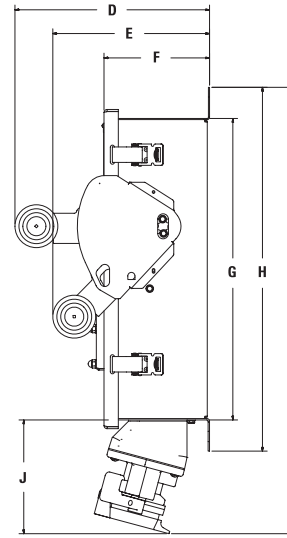
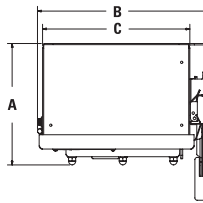
	30A	60A	100A
<b>K</b>	17.76 [451]	17.76 [451]	23.63 [600]
<b>L</b>	5.50 [140]	5.50 [140]	8.50 [216]
<b>M</b>	17.00 [432]	17.00 [432]	22.87 [581]
<b>N</b>	6.75 [171]	6.75 [171]	9.75 [248]

Dimensions: Inches [mm]

## Windowed door model

	30A	60A	100A
<b>A</b>	6.37 [162]	6.37 [162]	6.37 [162]
<b>B</b>	8.94 [227]	8.40 [213]	10.76 [273]
<b>C</b>	7.73 [196]	7.73 [196]	11.97 [304]
<b>D</b>	10.21 [259]	10.21 [259]	10.21 [259]
<b>E</b>	8.22 [209]	8.22 [209]	8.22 [209]
<b>F</b>	5.54 [141]	5.54 [141]	5.54 [141]
<b>G</b>	15.82 [402]	15.82 [402]	21.69 [551]
<b>H</b>	19.09 [485]	19.09 [485]	24.96 [634]
<b>I</b>	23.43 [595]	24.60 [624]	31.05 [788]
<b>J</b>	5.97 [152]	7.14 [181]	7.73 [196]

Dimensions: Inches [mm]



**U.S. (global headquarters):  
Eaton's Crouse-Hinds business**

1201 Wolf Street  
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(866) 764-5454  
FAX: (315) 477-5179  
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FAX: 52-555-804-4020  
ventascentromex@eaton.com

**Europe (Germany)**

49 (0) 6271 806-500  
49 (0) 6271 806-476  
info-ex@eaton.com

**Eaton Middle East**

9714-8066100  
FAX: 9714-8894813  
CHBL-ME@eaton.com

**Singapore**

65-6645-9888  
FAX: 65-6297-4819  
chsi-sales@eaton.com

**China**

86-21-2899-3600  
FAX: 86-21-2899-4055  
echsales@eaton.com

**Korea**

82-2-3484-6783  
82-2-3484-6778  
ECHKsales@eaton.com

**Australia**

61-2-8787-2777  
FAX: 61-2-9609-2342  
Crousehindsanz@eaton.com

**India**

91-124-4683888  
FAX: 91-124-4683899  
cchindia@eaton.com

**For more information:**

If further assistance is required, please contact an authorized Eaton Distributor, Sales Office, or Customer Service Department.

**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
Eaton.com

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