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TECHNOLOGY GROUP

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Find the *Emerson / Appleton ADR1034* at our website: *Click HERE*

Powertite® Series Pin and Sleeve Plugs, Connectors and Receptacles

Applications

- Designed to supply power to portable or fixed electrical equipment such as motor generator units, welders, pumps, compressors, cellular relay stations, and similar apparatus.
- Ideal for use on shipping docks, ports, and other “ship to shore” applications.
- Suitable for use in locations where a weatherproof enclosure is required.
- Rough usage construction.

Features

- Available in 30, 60, 100, 150, 200, and 400 Amp units.
- Available in two grounding styles: Style 1 (shell only) and Style 2 (shell and extra pole).
- Neoprene bushing compressed by cable collar prevents entrance of water. Bushing is highly resistant to hydrocarbon deterioration and is self-extinguishing.
- Locking screw and slot prevents plug cable collar from “backing off.”
- Contacts exert constant pressure along entire contact surface and provide electrical continuity.
- Suitable for use from -40 °C to 107 °C (-40 °F to 225 °F).
- Insulating blocks provide greatest dielectric and mechanical strength and lowest arc tracking.
- Positive polarization: only plugs and receptacles of same style, number of poles and ampere rating can be used together.
- Circuit breaking: in 30, 60, 100, and 200 Amp units, any arcing created as line and load terminals disengage is safely confined deep within terminal cavities. Plugs may be withdrawn in an emergency under full rated loads without separate disconnect switches (400 Amp plug is for disconnecting use only; not for current rupturing).
- 30, 60, 100, and 150 Amp Powertite® plugs also suitable for classified locations when used with Appleton EBR, EBRH, JBR, MD2SR, or DBR explosionproof interlocking receptacles.
- Controlled length contacts ensure that ground makes first and breaks last for added safety.



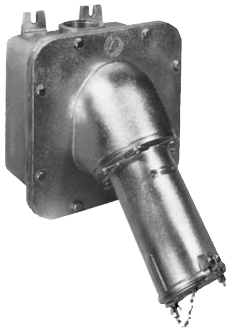
30 and 60 Amp



100 and 150 Amp



200 Amp



400 Amp

Standard Materials

- Plug, receptacle, connector and mounting box housings: copperfree (4/10 of 1% max.) aluminum
- Insulating blocks: glass filled polyester

Standard Finishes

- Aluminum plug, receptacle, connector and mounting box housings: epoxy powder coat
- Insulating blocks and contacts: natural finish

Options

- See Illustrated Options

NEC/CEC Certifications and Compliances

- UL Standard: UL 1682, UL 1686, UL 50E
- UL Listed: E145916, E145917
- CSA Standard: C22.2 No. 182.1
- CSA Certified: 065179
- NEMA 4X (30, 60, 100, 150, and 200 Amp)
- NEMA Configuration: FB11

Related Products

- For classified location plugs and receptacles, *see Plugs and Receptacles: Hazardous Location.*

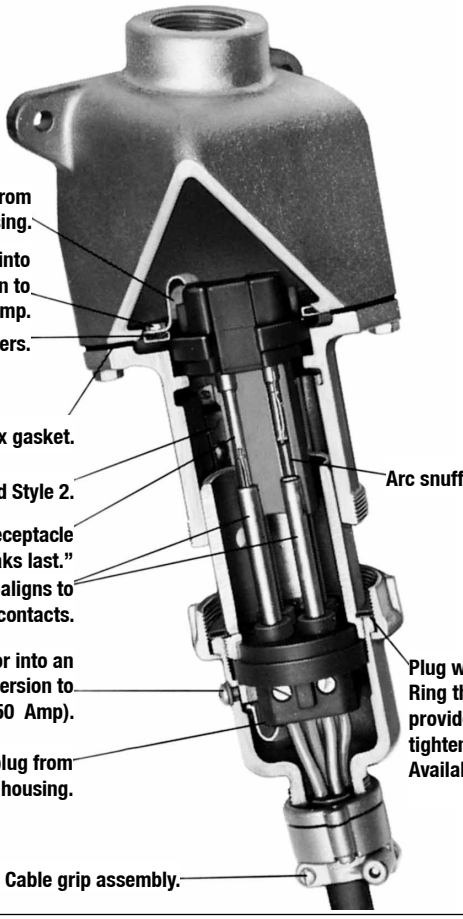
Classified by UL and Certified by CSA for use in specific combinations with Crouse-Hinds Arktite. Arktite is a registered trademark of Cooper Crouse-Hinds.

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Powertite® Series Pin and Sleeve Plugs, Connectors and Receptacles

Illustrated Features

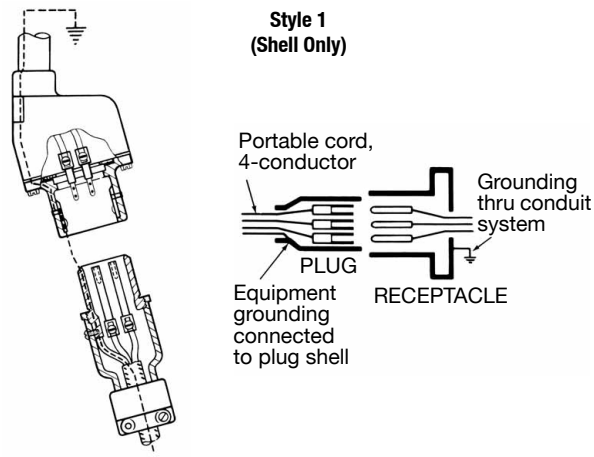


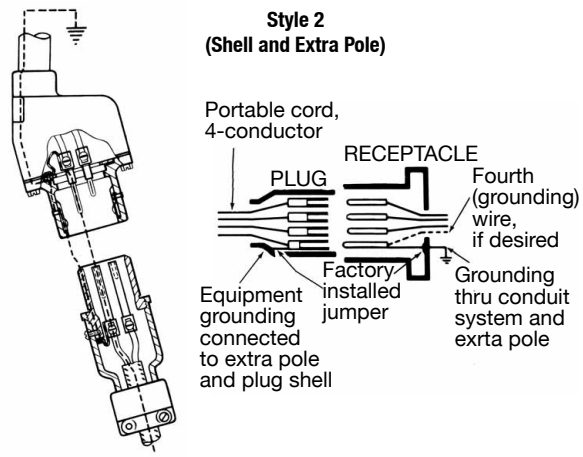
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Illustrated Features

Grounding Styles





Plug—Equipment grounding conductor is wired directly to solderless lug which is connected to the plug housing with a pressure connector. All terminals are "current carrying."

Receptacle—Two detent spring clips engage the grounded plug housing on plug insertion-grounded plug shell makes contact with receptacle ground spring before line and load poles are engaged. Grounding path is maintained until after current-carrying contacts disengage. All terminals are "current carrying."

Plug—Equipment grounding conductor is not only connected to the solderless lug in the plug housing, but also to an extra grounding pole. Grounding pole has copper alloy grounding jumper strap that connects to plug housing.

Receptacle—Two detent spring clips engage grounded plug housing on plug insertion. Jumper from extra grounding pole is electrically connected to a screw on receptacle housing. Longer grounding pole "makes first and breaks last."

Pin and Sleeve Design ①



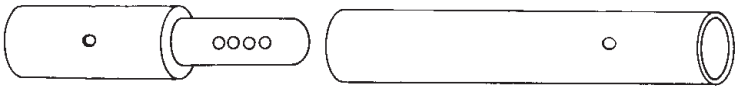
30, 60, and 100 Amp Pressure Wire Terminals.
Solid Brass Contacts with Beryllium Copper Springs.



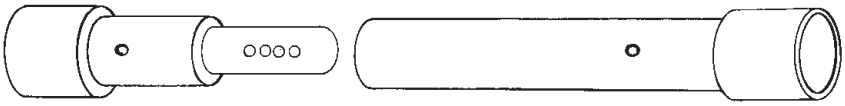
150 Amp Pressure Wire Terminals.
Solid Copper Contacts with Beryllium Copper Springs.



200 Amp Pressure Wire Terminals. Solid Copper Split–Type Contact.



400 Amp 0.84" Solder Well Wire Terminals. Solid Copper Contacts with Four Spring–Loaded Borosilicate Bearings.



400 Amp 1.25" Solder Wire Well Terminals. Solid Copper Contacts with Four Spring–Loaded Borosilicate Bearings.

① *Pins and sleeves are not sold separately. Available on the Replacement Interiors pages.*

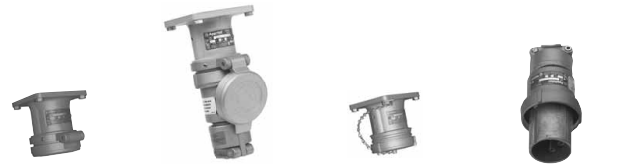
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Powertite® Series Pin and Sleeve Plugs, Connectors and Receptacles

Illustrated Features

Spring Door and Screw Cap
30, 60, 100, and 150 Amp spring door and screw cap receptacles are threaded to accept clamping ring ACP plug. The ring threads onto the receptacle to form a raintight assembly with plug in use-and also to prevent plug fallout. When the plug is withdrawn, the gasketed spring door cover closes tightly against receptacle opening automatically, providing weatherproof protection. Spring door has stainless steel spring and shaft.



Spring Door Cover Automatically Closes | **Plug Threaded into Receptacle** | **Screw Cap** | **Plug with Clamping Ring**

Spring Door Cover
30, 60, 100, and 150 Amp units may be located at any position in a 360° circle by adjusting a setscrew. Set screw also allows complete removal of cover. Spring door available on 200 Amp units.
NOTE: Spring Door cover in open positions for illustration only.



ACP Plugs
Supplied with bushings to accommodate a wide variety of cable diameters. 30 Amp plug clamp used in first position with smallest inside diameter bushing provides positive grip on cables as small as 0.390 inches, such as those that are used in oil rig installations.



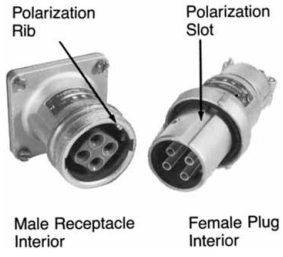
Reversible Cable Clamps
Permits wide cable range (just loosen screws and flip over). Each position accommodates one of two bushings. Convenient in installations having different cable sizes.



1st Position | **2nd Position**

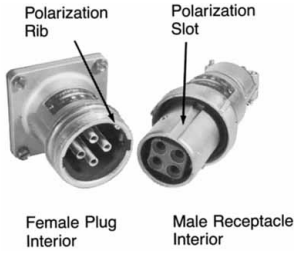
Illustrated Options

Standard Service
Energized receptacle has recessed male contacts to reduce danger of accidental touching. Plug has female contacts that are energized only upon insertion in receptacle.



Special Polarization
Special polarization is available on 30, 60, 100, 200, and 400 Amp units. Prevents plug insertion in a receptacle or connector wired for a different voltage. In installations where there are different line voltages, the special polarization option is desirable. This allows only plugs and receptacles wired for the same line voltage to be mated together. The receptacle or connector interior is positioned 22-1/2°, relative to the polarization rivet, to the right (as specified) of standard, and plug is polarized to correspond. Add suffix -**P4** to the standard or reverse service plug, receptacle or connector.

Reverse Service (Generator Application)
Useful where a "hot" plug feeds a dead receptacle. Reverse service is often used for generator applications where the receptacle houses a dead plug interior. Plug houses an energized receptacle interior, which has recessed male contacts to reduce danger of accidental touching. 30, 60, 100, 150, and 200 Amp units can be easily converted to reverse service in the field when matching plug and receptacle are ordered. 400 Amp unit is only available as a factory assembled item at extra cost. Add suffix -**RS** to receptacle or connector.



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Powertite® Series Pin and Sleeve Plugs, Connectors and Receptacles

Features at a Glance

Amp	Grounding Styles	Receptacle Types: Weatherproof Spring Door	NEMA 4X Screw Cap	Raintight Clamp Cover	Brass with Beryllium Copper Springs	Contacts: Copper with Borosilicte Bearings	Split–type Copper Contacts	Brass Ground Contacts	Reverse Service: In Field	Reverse Service: Factory Only
30	1 and 2	X	X		X			Style 2	X	
60	1 and 2	X	X		X			Style 2	X	
100	1 and 2	X	X		X			Style 2	X	
150	2	X	X		X ②			Style 2	X	
200	1 and 2	X ▼		X ▼			X	Style 2	X ①	
400	1 and 2					X		Style 2		X

Application Chart

Grounding Style	Wire/Pole	Single Phase: With Neutral	Single Phase: Without Neutral
Style 1 (Shell Only)	2W, 2P	L1+N+G	L1+L2+G
	3W, 3P	L1+L2+N+G	
	4W, 4P		
Style 2 (Shell and Extra Pole)	2W, 3P	L1+N+G	L1+L2+G
	3W, 4P	L1+L2+N+G	

Grounding Style	Wire/Pole	Three Phase: With Neutral	Three Phase: Without Neutral
Style 1 (Shell Only)	2W, 2P		
	3W, 3P		L1+L2+L3+G
	4W, 4P	L1+L2+L3+N+G	
Style 2 (Shell and Extra Pole)	2W, 3P		
	3W, 4P		L1+L2+L3+G

Powertite® Horsepower Ratings *Plug may be withdrawn in an emergency if within these maximum HP ratings. Not for normal starting/stopping.*

Phase Motor	Amps	Motor Horsepower: 115 Vac	230 Vac	480 Vac	600 Vac
For Emergency Disconnect Only					
3-Phase 3W, 3P; 3W, 4P; or 4W, 4P	30	3	7-1/2	15	20
	60	7-1/2	15	30	30
	100	10	20	40	40
	150	Do Not Disconnect Under Load			
	200	20	40	50	50

Phase Motor	Amps	Motor Horsepower: 115 Vac	230 Vac	480 Vac	600 Vac
1-Phase 2W, 2P or 2W, 3P	30	2	3	10	10
	60	3	10	20	20
	100	7-1/2	15	30	30
	200	15	30	40	40

Range of Wire Sizes Accommodated in Powertite® Plug and Receptacle Terminals

60 °C/140 °F minimum wire ratings.

30, 60, 100, and 150 Amp: Amps	Wire Recess Dia. (Inches)	Wire Range: Building	Wire Range: Extra Flex.	200 Amp: Wire Recess Dia. (Inches)	Conductor Size	Type Conductor	400 Amp: Solder Recess Dia. (Inches)	Conductor Size	Type Conductor
30	.281	#10 – #6	#10 – #8	0.687	250	General Wire	0.84	500 MCM	General Wire
60	.312	#6 – #2	#6 – #4		4/0	General Wire		400 MCM	Flex. Cable
100	.391	#4 – #1	#4 – #2		4/0	Flex. Cable		400 MCM	Extra Flex.
150	.525	#2 – 2/0	#2 – 2/0		3/0	Flex. Cable	1.25	1000 MCM	General wire
					3/0	Extra Flex.		900 MCM	General Wire
					2/0	Flex. Cable		800 MCM	Extra Flex.

▼ *NEMA 4X.*
① *For receptacle only.*
② *Copper with beryllium copper springs.*

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Powertite® 30 Amp Pin and Sleeve Plugs and Receptacles

600 Vac, 250 Vdc, 50-400 Hz

Pressure Wire Terminals – Wire Recess Diameter: .281". Wire Size Range: #10—#6 Building; #10—#8 Extra Flex.

NEC/CEC:
NEMA 3, 3R, 4, 4X



Grounding Style	Wire/Pole	Receptacle with AEE Mounting Box ①	Hub Size (Inches)	Receptacle Only ③	Metallic Clamping Ring Plug ②	Nonmetallic Clamping Ring Plug ②	Plug Cable Dia. (Inches)
Style 1 (Shell Only)	2W, 2P	**ADRE3022-50**	1/2	**ADR3022**	**ACP3022BC**	—	.500 to 1.250
		ADRE3022-75	3/4				
	3W, 3P	**ADRE3033-75**	3/4	**ADR3033**	**ACP3033BC**	—	.500 to 1.250
		ADRE3033-100	1				
	4W, 4P	**ADRE3044-75**	3/4	**ADR3044**	**ACP3044BC**	—	.500 to 1.250
		ADRE3044-100	1				
Style 2 (Shell and Extra Pole)	2W, 3P	**ADRE3023-75**	3/4	**ADR3023**	**ACP3023BC**	—	.500 to 1.250
		ADRE3023-100	1				
	3W, 4P	**ADRE3034-75**	3/4	**ADR3034**	**ACP3034BC**	**NMACP3034BC**	.500 to 1.250
		ADRE3034-100	1				

Receptacles are provided with spring door and screw cap.
*For Reverse Service, add suffix -**RS** to Catalog Number.*
*For Special Polarization, add suffix -**P4** to Catalog Number.*

Horsepower Ratings for Emergency Disconnect Under Load

Plug may be withdrawn in an emergency if within these maximum HP ratings. Not for normal starting and stopping.

		Motor Horsepower			
Phase Motor	Wire/Pole	120 Vac	240 Vac	480 Vac	600 Vac
1-Phase	2W, 2P or 2W, 3P	2HP	3HP	10HP	10HP
3-Phase	3W, 3P; 3W, 4P; or 4W, 4P	3HP	7-1/2HP	15HP	20HP

① *For additional mounting boxes, see Aluminum Mounting Boxes.*
② *Plug and receptacle combination is NEMA 4X rated when clamping ring is fully tightened on receptacle.*
③ *Receptacle is NEMA 4X rated when screw cap is closed when the receptacle is not in use.*

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Powertite® 30 Amp Pin and Sleeve Connectors and Plugs

600 Vac, 250 Vdc, 50-400 Hz

Pressure Wire Terminals – Wire Recess Diameter: .281". Wire Size Range: #10—#6 Building; #10—#8 Extra Flex.

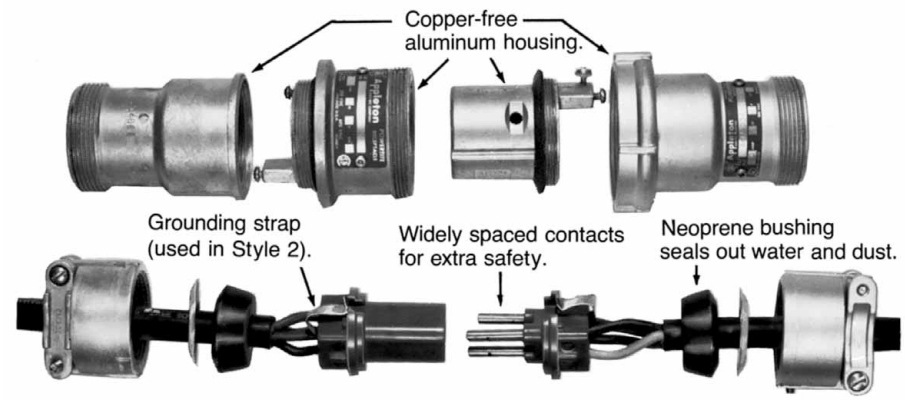
NEC/CEC:
NEMA 3, 3R, 4, 4X

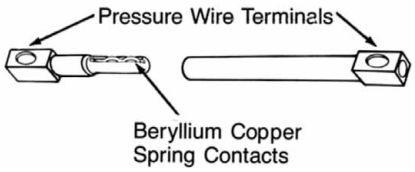


Grounding Style	Wire/Pole	Connector Body Only	Metallic Clamping Ring Plug ①	Connector/Plug Cable Dia. (Inches)
Style 1 (Shell Only)	2W, 2P	**ARC3022BC**	**ACP3022BC**	.500 to 1.250
	3W, 3P	**ARC3033BC**	**ACP3033BC**	.500 to 1.250
	4W, 4P	**ARC3044BC**	**ACP3044BC**	.500 to 1.250
Style 2 (Shell and Extra Pole)	2W, 3P	**ARC3023BC**	**ACP3023BC**	.500 to 1.250
	3W, 4P	**ARC3034BC**	**ACP3034BC**	.500 to 1.250

*For Reverse Service, add suffix -**RS** to Catalog Number.*
*For Special Polarization, add suffix -**P4** to Catalog Number.*

Pin and Sleeve Design





Energized contacts deeply recessed to reduce danger of accidental touching, minimize possibility of exposed arcs. Insulator quenches arcing, and is resistant to abnormal heat and to fire.

Plug mechanical cable clamps provide strain relief conductor connections, allow easy cable replacement.

Pressure wire terminals allow cable to be readily replaced when necessary. Terminal screws grip conductors firmly. Spring contacts provide constant pressure.

① *Plug and connector body combination is NEMA 4X rated when clamping ring is fully tightened on connector body.*

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Powertite® 60 Amp Pin and Sleeve Plugs and Receptacles

600 Vac, 250 Vdc, 50-400 Hz

Pressure Wire Terminals – Wire Recess Diameter: .312". Wire Size Range: #6—#2 Building; #6—#4 Extra Flex.

NEC/CEC:
NEMA 3, 3R, 4, 4X



Grounding Style	Wire/Pole	Receptacle with AEE Mounting Box ①	Receptacle with AJA Mounting Box ①	Hub Size (Inches)	Receptacle Only ③	Metallic Clamping Ring Plug ②	Nonmetallic Clamping Ring Plug ②	Plug Cable Dia. (Inches)
Style 1 (Shell Only)	2W, 2P	**ADRE6022-100**	**ADJA6022-100**	1	**ADR6022**	**ACP6022BC**	—	.500 to 1.250
		ADRE6022-125	**ADJA6022-125**	1-1/4				
	3W, 3P	**ADRE6033-100**	**ADJA6033-100**	1	**ADR6033**	**ACP6033BC**	—	.500 to 1.250
		ADRE6033-125	**ADJA6033-125**	1-1/4				
	4W, 4P	**ADRE6044-125**	**ADJA6044-125**	1-1/4	**ADR6044**	**ACP6044BC**	—	.500 to 1.250
		ADRE6044-150	**ADJA6044-150**	1-1/2				
Style 2 (Shell and Extra Pole)	2W, 3P	**ADRE6023-100**	**ADJA6023-100**	1	**ADR6023**	**ACP6023BC**	—	.500 to 1.250
		ADRE6023-125	**ADJA6023-125**	1-1/4				
	3W, 4P	**ADRE6034-125**	**ADJA6034-125**	1-1/4	**ADR6034**	**ACP6034BC**	**NMACP6034BC**	.500 to 1.250
		ADRE6034-150	**ADJA6034-150**	1-1/2				

Receptacles are provided with spring door and screw cap.
*For Reverse Service, add suffix -**RS** to Catalog Number.*
*For Special Polarization, add suffix -**P4** to Catalog Number.*

Horsepower Ratings for Emergency Disconnect Under Load

Plug may be withdrawn in an emergency if within these maximum HP ratings. Not for normal starting and stopping.

Phase Motor	Wire/Pole	120 Vac	240 Vac	480 Vac	600 Vac
1-Phase	2W, 2P or 2W, 3P	3HP	10HP	20HP	20HP
3-Phase	3W, 3P; 3W, 4P; or 4W, 4P	7-1/2HP	15HP	30HP	30HP

① *For additional mounting boxes, see Aluminum Mounting Boxes.*
② *Plug and receptacle combination is NEMA 4X rated when clamping ring is fully tightened on receptacle.*
③ *Receptacle is NEMA 4X rated when screw cap is closed when the receptacle is not in use.*

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Powertite® 60 Amp Pin and Sleeve Connectors and Plugs

600 Vac, 250 Vdc, 50-400 Hz

Pressure Wire Terminals – Wire Recess Diameter: .312". Wire Size Range: #6—#2 Building; #6—#4 Extra Flex.

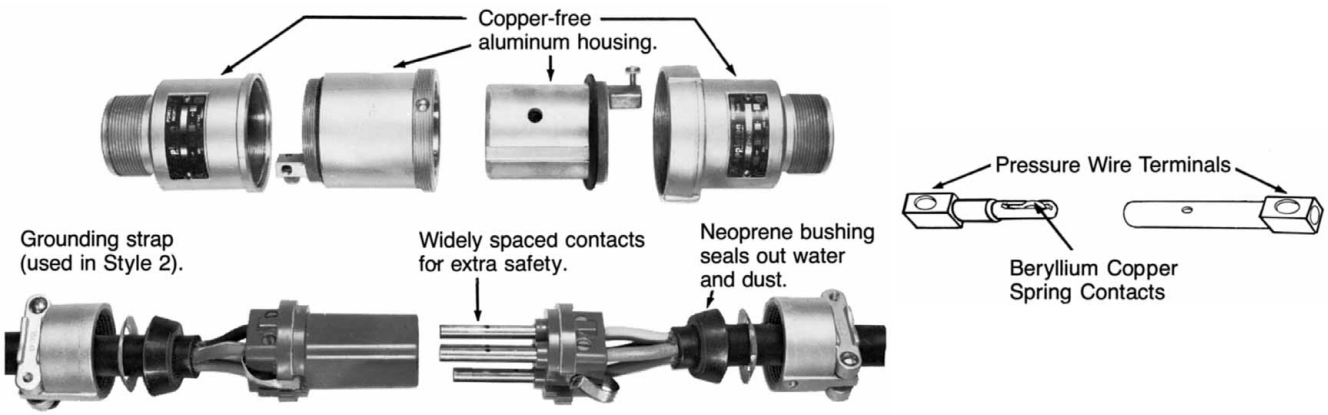
NEC/CEC:
NEMA 3, 3R, 4, 4X



Grounding Style	Wire/Pole	Connector Body Only	Metallic Clamping Ring Plug ①	Connector/Plug Cable Dia. (Inches)
Style 1 (Shell Only)	2W, 2P	**ARC6022BC**	**ACP6022BC**	.500 to 1.250
	3W, 3P	**ARC6033BC**	**ACP6033BC**	.500 to 1.250
	4W, 4P	**ARC6044BC**	**ACP6044BC**	.500 to 1.250
Style 2 (Shell and Extra Pole)	2W, 3P	**ARC6023BC**	**ACP6023BC**	.500 to 1.250
	3W, 4P	**ARC6034BC**	**ACP6034BC**	.500 to 1.250

*For Reverse Service, add suffix -**RS** to Catalog Number.*
*For Special Polarization, add suffix -**P4** to Catalog Number.*

Pin and Sleeve Design



Energized contacts deeply recessed to reduce danger of accidental touching, minimize possibility of exposed arcs. Insulator quenches arcing, and is resistant to abnormal heat and to fire.

Plug mechanical cable clamps provide strain relief at conductor connections, allow easy cable replacement.

Pressure wire terminals allow cable to be readily replaced when necessary. Terminal screws grip conductors firmly. Spring contacts provide constant pressure.

① *Plug and connector body combination is NEMA 4X rated when clamping ring is fully tightened on connector body.*

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Powertite® 100 and 150 Amp Pin and Sleeve Plugs and Receptacles

600 Vac, 250 Vdc, 50-400 Hz
Pressure Wire Terminals – 100 Amp: Wire Recess Diameter: .391". Wire Size Range: #4—#1 Building; #4—#2 Extra Flex.
150 Amp: Wire Recess Diameter: .525". Wire Size Range: #2—2/0 Building; #2—#2/0 Extra Flex.

NEC/CEC:
NEMA 3, 3R, 4, 4X







Grounding Style	Wire/Pole	Receptacle with AJA Mounting Box ①	Hub Size (Inches)	Receptacle Only ③	Clamping Ring Plug ②	Plug Cable Dia. (Inches)
100 Amp Style 1 (Shell Only)	2W, 2P	**ADJA1022-125**	1-1/4	**ADR1022**	**ACP1022CD**	.875 to 1.906
		ADJA1022-150	1-1/2			
	3W, 3P	**ADJA1033-125**	1-1/4	**ADR1033**	**ACP1033CD**	.875 to 1.906
		ADJA1033-150	1-1/2			
	4W, 4P	**ADJA1044-150**	1-1/2	**ADR1044**	**ACP1044CD**	.875 to 1.906
		ADJA1044-200	2			
100 Amp Style 2 (Shell and Extra Pole)	2W, 3P	**ADJA1023-125**	1-1/4	**ADR1023**	**ACP1023CD**	.875 to 1.906
		ADJA1023-150	1-1/2			
	3W, 4P	**ADJA1034-150**	1-1/2	**ADR1034**	**ACP1034CD**	.875 to 1.906
		ADJA1034-200	2			
150 Amp Style 2 (Shell and Extra Pole)	3W, 4P	**ADJA15034-150**	1-1/2	**ADR15034**	**ACP15034CD**	.875 to 1.906
		ADJA15034-200	2		**ACP15034DE**	1.250 to 2.187

Receptacles are provided with spring door and screw cap.
*For Reverse Service, add suffix -**RS** to Catalog Number.*
*For Special Polarization for 100 amp units, add suffix -**P4** to Catalog Number. (Not available for 150 Amp units.)*

Horsepower Ratings for Emergency Disconnect Under Load

Not for normal starting and stopping, but plug may be withdrawn in an emergency if within these maximum HP ratings.

			Motor Horsepower			
Amp	Motor Phase	Wire/Pole	120 Vac	240 Vac	480 Vac	600 Vac
100	1-Phase	2W, 2P or 2W, 3P	7-1/2HP	15HP	30HP	30HP
	3-Phase	3W, 3P; 3W, 4P; or 4W, 4P	10HP	20HP	40HP	40HP
150	3-Phase	3W, 4P	Do Not Disconnect Under Load			

① *For additional mounting boxes, see Aluminum Mounting Boxes.*
② *Plug and receptacle combination is NEMA 4X rated when clamping ring is fully tightened on receptacle.*
③ *Receptacle is NEMA 4X rated when screw cap is closed when the receptacle is not in use.*

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Powertite® 100 and 150 Amp Pin and Sleeve Connectors and Plugs

600 Vac, 250 Vdc, 50-400 Hz

Pressure Wire Terminals – 100 Amp: Wire Recess Diameter: .391". Wire Size Range: #4—#1 Building; #4—#2 Extra Flex.
150 Amp: Wire Recess Diameter: .525". Wire Size Range: #2—2/0 Building; #2—#2/0 Extra Flex.

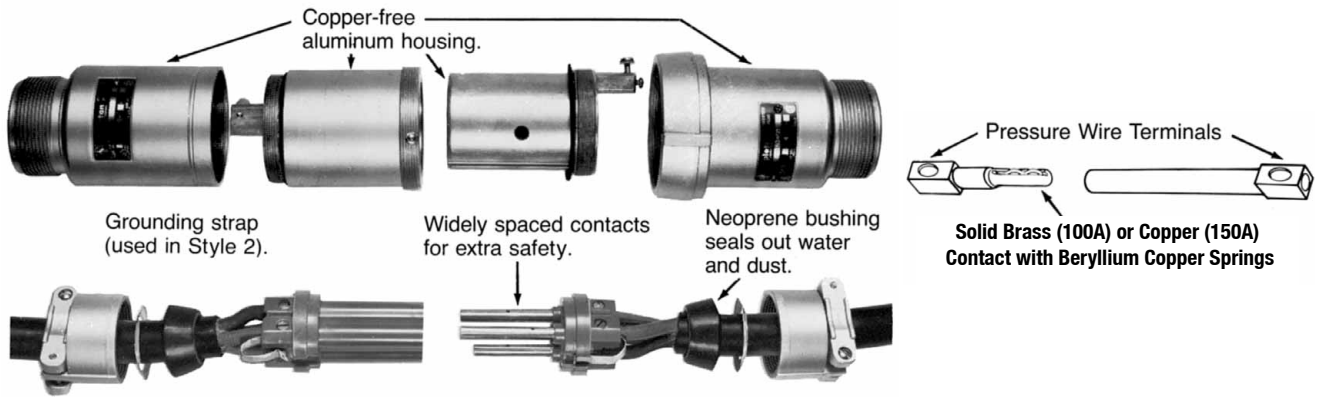
NEC/CEC:
NEMA 3, 3R, 4, 4X



Grounding Style	Wire/Pole	Connector Body Only	Clamping Ring Plug ①	Connector/Plug Cable Dia. (Inches)
100 Amp Style 1 (Shell Only)	2W, 2P	**ARC1022CD**	**ACP1022CD**	.875 to 1.906
	3W, 3P	**ARC1033CD**	**ACP1033CD**	.875 to 1.906
	4W, 4P	**ARC1044CD**	**ACP1044CD**	.875 to 1.906
100 Amp Style 2 (Shell and Extra Pole)	2W, 3P	**ARC1023CD**	**ACP1023CD**	.875 to 1.906
	3W, 4P	**ARC1034CD**	**ACP1034CD**	.875 to 1.906
150 Amp Style 2 (Shell and Extra Pole)	3W, 4P	**ARC15034CD**	**ACP15034CD**	.875 to 1.906
	3W, 4P	**ARC15034DE**	**ACP15034DE**	1.250 to 2.187

*For Reverse Service, add suffix -**RS** to Catalog Number.*
*For Special Polarization for 100 amp units, add suffix -**P4** to Catalog Number. (Not available for 150 Amp units.)*

Pin and Sleeve Design



Energized contacts deeply recessed to reduce danger of accidental touching, minimize possibility of exposed arcs. Insulator quenches arcing, and is resistant to abnormal heat and to fire.

Plug mechanical cable clamps provide strain relief at conductor connections, allow easy cable replacement.

Pressure wire terminals allow cable to be readily replaced when necessary. Terminal screws grip conductors firmly. Spring contacts provide constant pressure.

① *Plug and receptacle combination is NEMA 4X rated when clamping ring is fully tightened on receptacle.*

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Powertite® 30, 60, 100, and 150 Amp Caps

For Plug

Applications

- Protects insulation and plug contacts from excessive moisture, dirt, dust, and corrosion when portable equipment is not in use.
- For use with 30 Amp 3-Pole and 4-Pole, 60 Amp 4-Pole and 100 and 150 Amp 4-Pole plugs.
- Cap is secured to plug by aviation cable. When in use the cap is held in place with standard plug clamping ring.

Standard Materials

- Cap: blue ABS plastic





Ordering Information

Catalog Number	Amp	For Use With
ACPCAP3034	30	ACP3023BC
		ACP3033BC
		ACP3034BC
		ACP3044BC
ACPCAP6004	60	ACP6034BC
		ACP6044BC
ACPCAP1004	100	ACP1034CD
		ACP1044CD
	150	ACP15034CD
		ACP15034DE

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Aluminum Mounting Boxes

For Powertite® 30, 60, 100, and 150 Amp Receptacles

30 Amp






Hub Size (Inches)	AEE	AERH	AERC	AERA
1/2	**AEE13**	**AERH13**	**AERC13**	**AERA13**
3/4	**AEE23**	**AERH23**	**AERC23**	**AERA23**
1	**AEE33**	**AERH33**	**AERC33**	**AERA33**

60 and 100 Amp






Hub Size (Inches)	AEE	AERH	AERC	AERA
1	**AEE36**	**AERH36**	**AERC36**	**AERA36**
1-1/4	**AEE46**	**AERH46**	**AERC46**	**AERA46**
1-1/2	**AEE56**	**AERH56**	**AERC56**	**AERA56**

60, 100, and 150 Amp




Hub Size (Inches)	AJA Back Box and Adapter ①	Angle Adapter Only
1	**AJA310**	**AJA100**
1-1/4	**AJA410**	
1-1/2	**AJA510**	
2	**AJA610**	

Replacement Receptacle Mounting Gasket

Amp	Back Box Type	Part Number
30	AEE, AERH, AERC, AERA	**69060871000**
60, 100	AEE, AERH, AERC, AERA	**69060567000**
60, 100, 150	AJA	**69009497000**

① *Feed-Thru box furnished with one close-up plug in bottom recessed hub.*

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Powertite® 30, 60, 100, and 150 Amp Replacement Interiors

600 Vac, 250 Vdc, 50-400 Hz

30 Amp ①



Grounding Style	Wire/Pole	Receptacle	Plug	Receptacle	Plug
Style 1 (Shell Only)	2W, 2P	**ARI-3022**	**API-3022**	—	—
	3W, 3P	**ARI-3033**	**API-3033**	—	—
	4W, 4P	**ARI-3044**	**API-3044**	—	—
Style 2 (Shell and Extra Pole)	2W, 3P	—	—	**ARI-3023**	**API-3023**
	3W, 4P	—	—	**ARI-3034**	**API-3034**

60 Amp ①



Grounding Style	Wire/Pole	Receptacle	Plug	Receptacle	Plug
Style 1 (Shell Only)	2W, 2P	**ARI-6022**	**API-6022**	—	—
	3W, 3P	**ARI-6033**	**API-6033**	—	—
	4W, 4P	**ARI-6044**	**API-6044**	—	—
Style 2 (Shell and Extra Pole)	2W, 3P	—	—	**ARI-6023**	**API-6023**
	3W, 4P	—	—	**ARI-6034**	**API-6034**

100 and 150 Amp ①



Grounding Style	Wire/Pole	Receptacle	Plug	Receptacle	Plug
Style 1 (Shell Only)	2W, 2P	**ARI-1022**	**API-1022**	—	—
	3W, 3P	**ARI-1033**	**API-1033**	—	—
	4W, 4P	**ARI-1044**	**API-1044**	—	—
Style 2 (Shell and Extra Pole)	2W, 3P	—	—	**ARI-1023**	**API-1023**
	3W, 4P	—	—	**ARI-1034**	**API-1034**
150 Amp Style 2 (Shell and Extra Pole)	3W, 4P	—	—	**ARI-15034**	**API-15034**

① *Pins and sleeves are not sold separately.*

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Powertite® 30, 60, 100, and 150 Amp Replacement Parts

600 Vac, 250 Vdc, 50-400 Hz

	Description	Catalog Number
ACP Plug Clamping Ring — Includes Gasket		
	30 Amp — 2-, 3- and 4-Pole	**CLMPR30**
	30 Amp — 3-Wire, 4-Pole	**30CRING** ①
	60 Amp — 2- and 3-Pole	**CLMPR23P60**
	60 Amp — 4-Pole	**CLMPR4P60**
	100 Amp — 2- and 3-Pole	**CLMPR23P100**
	100 and 150 Amp — 4-Pole	**CLMPR4P100**
Receptacle Spring Cover — Includes Gasket and Chain		
	30 Amp — 2-, 3- and 4-Pole	**PTSC30**
	60 Amp — 2- and 3-Pole	**PTSC60A**
	60 Amp — 4-Pole	**PTSC60B**
	100 Amp — 2- and 3-Pole	**PTSC100A**
	100 and 150 Amp — 4-Pole	**PTSC100B**
Receptacle Threaded Cover — Includes Gasket and Chain		
	30 Amp — 2, 3, and 4-Pole	**PTTC30**
	30 Amp — 3 Wire, 4-Pole	**30SCAP** ①
	60 Amp — 2- and 3-Pole	**PTTC60A**
	60 Amp — 4-Pole	**PTTC60B**
	100 Amp — 2- and 3-Pole	**PTTC100A**
	100 and 150 Amp — 4-Pole	**PTTC100B**
Bushing Bags and Crown Bushings for Plugs and Cable Connectors		
	30 Amp	**PTGB30**
	60 Amp	**PTGB60**
	100 Amp and 150 Amp (CD)	**PTGBCD**
	150 Amp (DE)	**PTGBDE**
Universal Plug Bushing		
	30 and 60 Amp Cable Range 0.300" – 9.00" Package of 10	**PTGBUBC**
Receptacle Ground Lug Kit		
	30 Amp Receptacle Ground Lug Kit. Wire Well ID 0.272"	**PTRGL30**
	60 Amp Receptacle Ground Lug Kit. Wire Well ID 0.312"	**PTRGL60**
	100 Amp Receptacle Ground Lug Kit. Wire Well ID 0.389" ②	**PTRGL100**

① For use with 30 Amp Powertite plugs and WSR/WSRD/JBR/EBR/DBR receptacles.
② Ground lug is cast into the housing after 09/2008.

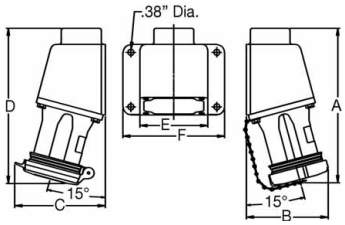
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Powertite® 30, 60, 100, and 150 Amp Mounted Receptacle Dimensions

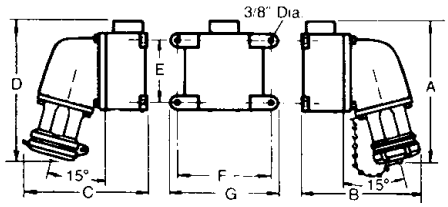
600 Vac, 250 Vdc, 50-400 Hz

Receptacle Mounted on AEE Box



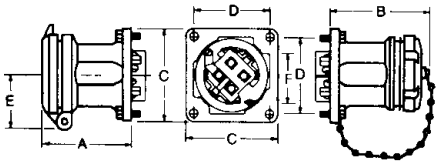
Amp	Dimensions in Millimeters (Inches) A	B	C	D	E	F
30	174.7 (6.88)	89.6 (3.45)	100.3 (3.95)	181.1 (7.13)	107.9 (4.25)	127.0 (5.00)
60	247.6 (9.75)	120.1 (4.73)	126.4 (4.98)	254.0 (10.00)	136.6 (5.38)	162.0 (6.38)

Receptacle Mounted on AJA Box



Amp	Dimensions in Millimeters (Inches) A	B	C	D	E	F	G
60	244.6 (9.63)	203.2 (8.00)	223.7 (8.81)	271.5 (10.69)	123.9 (4.88)	174.7 (6.88)	200.15 (7.88)
100 and 150	290.5 (11.44)	228.6 (9.00)	233.4 (9.19)	300.2 (11.82)	123.9 (4.88)	174.7 (6.88)	200.15 (7.88)

ADR Receptacle



Amp	No. Poles	Dimensions in Millimeters (Inches) A	B	C	D	E	F
30	2,3,4	71.1 (2.80)	81.0 (3.19)	85.8 (3.38)	69.0 (2.72)	52.3 (2.06)	69.8 (2.75)
60	2,3	123.9 (4.88)	117.6 (4.63)	107.9 (4.25)	88.9 (3.50)	58.6 (2.31)	78.7 (3.10)
60	4	123.9 (4.88)	117.6 (4.63)	107.9 (4.25)	88.9 (3.50)	61.9 (2.44)	85.0 (3.35)
100	2,3	129.5 (5.10)	139.7 (5.50)	107.9 (4.25)	88.9 (3.50)	61.9 (2.44)	86.3 (3.40)
100 and 150	4	129.5 (5.10)	139.7 (5.50)	107.9 (4.25)	88.9 (3.50)	65.0 (2.56)	91.4 (3.60)

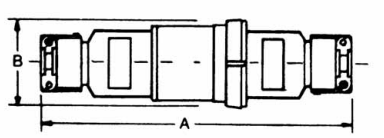
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Powertite® 30, 60, 100, and 150 Amp Connector and Plug Dimensions

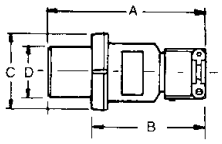
600 Vac, 250 Vdc, 50-400 Hz

ARC Cable Connector



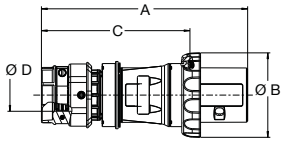
Amp	Dimensions in Millimeters (Inches) A	B
30	266.7 (10.50)	79.5 (3.13)
60	336.5 (13.25)	96.7 (3.81)
100	406.4 (16.00)	107.9 (4.25)

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	2,3	198.3 (7.81)	125.4 (4.94)	88.9 (3.50)	56.6 (2.23)
60	4	198.3 (7.81)	125.4 (4.94)	96.7 (3.81)	64.7 (2.55)
100	2,3	266.7 (10.50)	168.4 (6.63)	101.6 (4.00)	62.7 (2.47)
100	4	266.7 (10.50)	168.4 (6.63)	107.9 (4.25)	69.0 (2.72)
150 (CD)	4	266.7 (10.50)	168.4 (6.63)	107.9 (4.25)	69.0 (2.72)
150 (DE)	4	340.3 (13.40)	247.1 (9.73)	107.9 (4.25)	69.0 (2.72)

NMACP Plug



Amp	No. Poles	Dimensions in Millimeters (Inches) A	B	C	D Min — Max
30	4	187.0 (7.36)	63.0 (2.48)	145.0 (5.71)	11.0 - 24.5 (0.43 - 0.97)
60	4	245.0 (9.65)	100.0 (3.94)	174.0 (6.85)	14.5 - 36.0 (0.57 - 1.42)

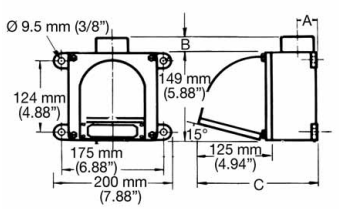
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Powertite® 30, 60, 100, and 150 Amp Mounting Box Dimensions

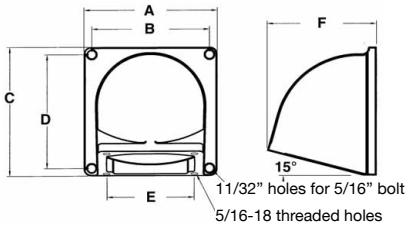
600 Vac, 250 Vdc, 50-400 Hz

AJA Mounting Boxes



Amp	Hub Size (Inches)	Dimensions in Millimeters (Inches) A	B ①	C
60, 100 and 150	1	28.7 (1.13)	14.2 (0.56)	203.2 (8.0)
	1-1/4	28.7 (1.13)	14.2 (0.56)	203.2 (8.0)
	1-1/2	38.1 (1.50)	14.2 (0.56)	203.2 (8.0)
	2	38.1 (1.50)	14.2 (0.56)	203.2 (8.0)

AJA100 Angle Adapter



Dimensions in Millimeters (Inches) A	B	C	D	E	F
149.0 (5.87)	131.5 (5.18)	149.0 (5.87)	131.5 (5.18)	88.9 (3.50)	122.1 (4.81)

① *AJA has two hubs. Close-up plug furnished in bottom recessed hub.*

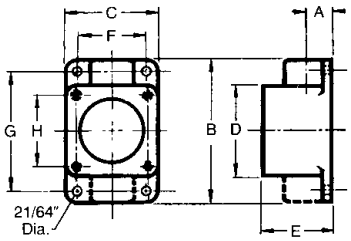
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Powertite® 30, 60, 100, and 150 Amp Mounting Box Dimensions

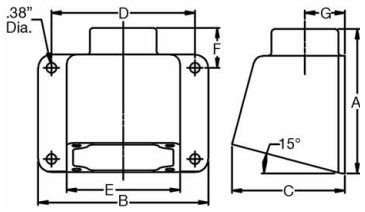
600 Vac, 250 Vdc, 50-400 Hz

AERA ①, AERC ② and AERH Mounting Boxes



Amp	Hub Size (Inches)	Dimensions in Millimeters (Inches)								
		A ①	B ②	C	D	E	F	G	H	J
30	1/2	17.5 (0.69)	134.8 (5.31)	85.8 (3.38)	85.8 (3.38)	63.5 (2.50)	66.8 (2.63)	115.8 (4.56)	69.0 (2.72)	23.8 (0.94)
30	3/4	19.0 (0.75)	134.8 (5.31)	85.8 (3.38)	85.8 (3.38)	63.5 (2.50)	66.8 (2.63)	115.8 (4.56)	69.0 (2.72)	23.8 (0.94)
30	1	20.5 (0.81)	134.8 (5.31)	85.8 (3.38)	85.8 (3.38)	63.5 (2.50)	66.8 (2.63)	115.8 (4.56)	69.0 (2.72)	23.8 (0.94)
60	1	20.5 (0.81)	165.1 (6.50)	107.9 (4.25)	107.9 (4.25)	79.5 (3.13)	88.9 (3.50)	149.3 (5.88)	88.9 (3.50)	35.0 (1.38)
60	1-1/4	23.8 (0.94)	165.1 (6.50)	107.9 (4.25)	107.9 (4.25)	79.5 (3.13)	88.9 (3.50)	149.3 (5.88)	88.9 (3.50)	35.0 (1.38)
60	1-1/2	25.4 (1.00)	165.1 (6.50)	107.9 (4.25)	107.9 (4.25)	79.5 (3.13)	88.9 (3.50)	149.3 (5.88)	88.9 (3.50)	35.0 (1.38)

AEE Mounting Box



Amp	Hub Size (Inches)	Dimensions in Millimeters (Inches)						
		A	B	C	D	E	F	G
30	1/2, 3/4, 1	104.6 (4.12)	127.0 (5.00)	84.5 (3.33)	107.9 (4.25)	85.8 (3.38)	29.9 (1.18)	27.9 (1.10)
60	1, 1-1/4, 1-1/2	137.4 (5.41)	162.0 (6.38)	107.4 (4.23)	136.6 (5.38)	107.9 (4.25)	38.1 (1.50)	38.1 (1.50)

① *Dimension "A" for AERA only.*
② *Dimension "B" for AERC only.*

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Powertite® 200 Amp Pin and Sleeve Spring Door Plugs and Receptacles

600 Vac, 250 Vdc, 50-400 Hz.
Wire Recess Diameter: .687". Wire Size Range: 250 MCM-#2/0. Pressure Wire Terminals ①.

NEC/CEC:
NEMA 3, 3R, 4, 4X







Grounding Style	Wire/Pole	Receptacle with AJA Mounting Box ②	Hub Size (Inches)	Receptacle Only ③	Plug Only	Cable Dia. (Inches)
Style 1 (Shell Only)	3W, 3P	**ADJA20033-150**	1-1/2	**ADR20033**	**AP20033CD**	.875 to 1.906
		ADJA20033-200	2		**AP20033E**	1.875 to 2.500
		ADJA20033-250	2-1/2			
	4W, 4P	**ADJA20044-200**	2	**ADR20044**	**AP20044CD**	.875 to 1.906
		ADJA20044-250	2-1/2		**AP20044E**	1.875 to 2.500
Style 2 (Shell and Extra Pole)	2W, 3P	**ADJA20023-150**	1-1/2	**ADR20023**	**AP20023CD**	.875 to1.906
		ADJA20023-200	2	**ADR20023**	**AP20023E**	1.875 to 2.500
		ADJA20023-250	2-1/2			
	3W, 4P	**ADJA20034-150**	1-1/2	**ADR20034**	**AP20034CD**	.875 to1.906
		ADJA20034-200	2		**AP20034E**	1.875 to 2.500
		ADJA20034-250	2-1/2			

*For Reverse Service add suffix -**RS** to Catalog Number.*
*For Special Polarization, add suffix -**P4** to Catalog Number.*

Maximum Conductor Size

Wire Recess Dia. (Inches)	Conductor Size	Max. Strand	Type Conductor
0.687	250 MCM	37	General Wire
	4/0	19	General Wire
	4/0	259	Flexible Cable
	3/0	427	Extra Flexible Cable
	2/0	259	Flexible Cable
	2/0	259	Flexible Cable

Horsepower Ratings for Emergency Disconnect Under Load

Plug may be withdrawn in an emergency if within these maximum HP ratings. Not for normal starting and stopping,

Motor Phase	Wire/Pole	Motor Horsepower 120 Vac	240 Vac	480 Vac	600 Vac
1-Phase	2W, 3P	15HP	30HP	40HP	40HP
3-Phase	3W, 3P; 3W, 4P; or 4W, 4P	20HP	40HP	50HP	50HP

① Adapters for #4-#1 wire available, see Powertite® 200 and 400 Amp Replacement Parts.
② For additional mounting boxes, see Aluminum Mounting Boxes.
③ Receptacle meets NEMA 3R with spring door closed and NEMA 3, 3R, 4, 4X with plug fully inserted and wing nuts fully tightened or cover closed with wing nuts fully tightened.

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Powertite® 200 Amp Pin and Sleeve Clamp Cover Plugs, Connectors and Receptacles

600 Vac, 250 Vdc, 50-400 Hz.

Wire Recess Diameter: .687". Wire Size Range: 250 MCM-#2/0. Pressure Wire Terminals ①.

NEC/CEC:
NEMA 3, 3R, 4, 4X





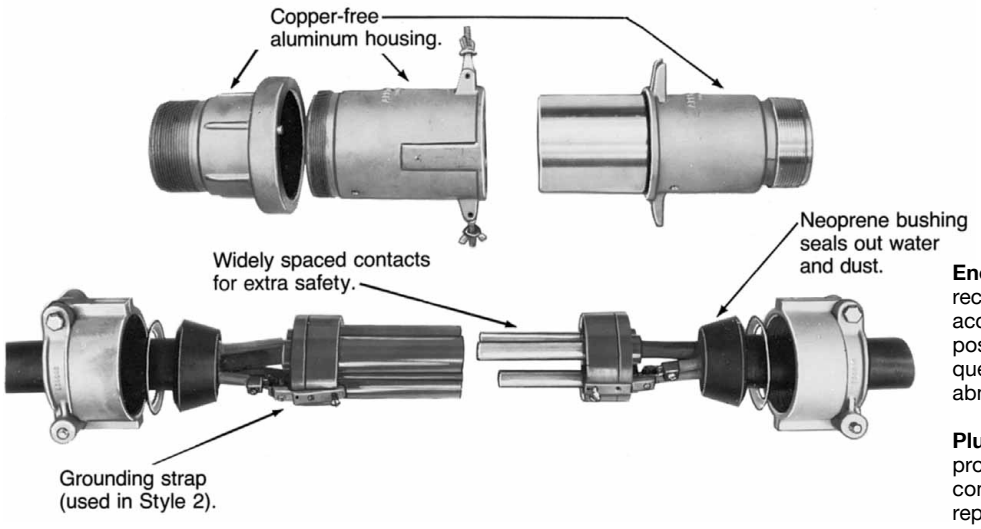




Grounding Style	Wire/Pole	Receptacle with AJA Mounting Box ②	Hub Size (Inches)	Receptacle Only ③	Connector Body Only	Plug Only ④	Cable Dia. (Inches)
Style 1 (Shell Only)	3W, 3P	**AJA20033-150**	1-1/2	**AR20033**	**ARC20033CD**	**AP20033CD**	.875 to 1.906
		AJA20033-200	2		**ARC20033E**	**AP20033E**	1.875 to 2.500
		AJA20033-250	2-1/2				
	4W, 4P	**AJA20044-200**	2	**AR20044**	**ARC20044CD**	**AP20044CD**	.875 to 1.906
		AJA20044-250	2-1/2		**ARC20044E**	**AP20044E**	1.875 to 2.500
Style 2 (Shell and Extra Pole)	2W, 3P	**AJA20023-150**	1-1/2	**AR20023**	**ARC20023CD**	**AP20023CD**	.875 to1.906
		AJA20023-200	2			**AP20023E**	1.875 to 2.500
		AJA20023-250	2-1/2		**ARC20023E**		
	3W, 4P	**AJA20034-150**	1-1/2	**AR20034**	**ARC20034CD**	**AP20034CD**	.875 to1.906
		AJA20034-200	2			**AP20034E**	1.875 to 2.500
		AJA20034-250	2-1/2		**ARC20034E**		

*For Reverse Service add suffix -**RS** to Catalog Number.*
*For Special Polarization, add suffix -**P4** to Catalog Number.*

Pin and Sleeve Design



Energized contacts deeply recessed to reduce danger of accidental touching, minimize possibility of exposed arcs. Insulator quenches arcing, and is resistant to abnormal heat and to fire.

Plug mechanical cable clamps provide strain relief at conductor connections, allow easy cable replacement.

① *Adapters for #4-#1 wire available, see Powertite® 200 and 400 Amp Replacement Parts.*
② *For additional mounting boxes, see Aluminum Mounting Boxes.*
③ *Receptacle meets NEMA 3, 3R, 4, 4X with plug fully inserted and wing nuts fully tightened or clamp cover installed with wing nuts fully tightened.*
④ *Plug and connector body combination is NEMA 4X rated when wing nuts are fully tightened on connector body.*

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Powertite® 400 Amp Pin and Sleeve Clamp Cover Plugs and Receptacles: Weatherproof

600 Vac, 250 Vdc, 50-400 Hz.

Wire Recess Diameter: .84" or 1.25". Wire Size Range: 400MCM—1000MCM. Solder Wire Terminals.

NEC/CEC:
NEMA 3, 3R, 4 ③





Wire Recess Dia. (Inches)	Grounding Style	Wire/Pole	Receptacle with AJA Mounting Box	Hub Size (Inches) ②	Receptacle Only	Plug Only	Cable Dia. (Inches)
0.84 ①	Style 1 (Shell Only)	3W, 3P	**AJA40033-400**	4	**AR40033**	**AP40033E**	1.875 to 2.500
		4W, 4P	**AJA40044-400**		**AR40044**	**AP40044E**	1.875 to 2.500
		4W, 4P	**AJA40044-400N4**		**AR40044N4**	**AP40044E**	1.875 to 2.500
	Style 2 (Shell and Extra Pole)	2W, 3P	**AJA40023-400**	4	**AR40023**	**AP40023E**	1.875 to 2.500
		3W, 4P	**AJA40034-400**		**AR40034**	**AP40034E**	1.875 to 2.500
		3W, 4P	**AJA40034-400N4**		**AR40034N4**	**AP40034E**	1.875 to 2.500
1.25	Style 1 (Shell Only)	3W, 3P	**AJA40133-400**	4	**AR40133**	**AP40133F**	2.500 to 3.000
						AP40133G	3.000 to 3.500
		4W, 4P	**AJA40144-400**	4	**AR40144**	**AP40144F**	2.500 to 3.000
						AP40144G	3.000 to 3.500
		4W, 4P	**AJA40144-400N4**	4	**AR40144N4**	**AP40144G**	3.000 to 3.500
	Style 2 (Shell and Extra Pole)	2W, 3P	**AJA40123-400**	4	**AR40123**	**AP40123F**	2.500 to 3.000
						AP40123G	3.000 to 3.500
		3W, 4P	**AJA40134-400**	4	**AR40134**	**AP40134F**	2.500 to 3.000
						AP40134G	3.000 to 3.500
		3W, 4P	**AJA40134-400N4**	4	**AR40134N4**	**AP40134G**	3.000 to 3.500

Solder wire terminals standard on all models.
*For Reverse Service add suffix -**RS** to Catalog Number.*
*For Special Polarization add suffix -**P4** to Catalog Number.*
Note: Box can be turned for vertical or horizontal mount.

Maximum Conductor Size

400 Amp not horsepower rated. Plug is for disconnecting use only — not for current rupturing.

Solder Recess Dia. (Inches)	Conductor Size	Max. Strand	Type Conductor
0.84	500 MCM	37	General Wire
	400 MCM	259	Flexible Cable
	400 MCM	427	Extra Flexible Cable
1.25	1000 MCM	61	General Wire
	900 MCM	427	Flexible Cable
	800 MCM	703	Extra Flexible Cable

① Pressure terminal kits available for .84 wire recess size only to convert solder terminal to pressure terminal. See Replacement Parts page.
② Has feed-thru 4" tapped openings. Supplied with one 4" to 3" reducer and one 4" close-up plug.
③ 400 Amp versions with the -N4 suffix are NEMA 4 rated.

Visit our website at **www.appletonelec.com** or contact us at **(800) 621-1506**.
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Powertite® 400 Amp Pin and Sleeve Connectors and Plugs: Weatherproof

600 Vac, 250 Vdc, 50-400 Hz.
Wire Recess Diameter: .84" or 1.25". Wire Size Range: 400MCM—1000MCM. Solder Wire Terminals.

NEC/CEC:
NEMA 3, 3R, 4 ③

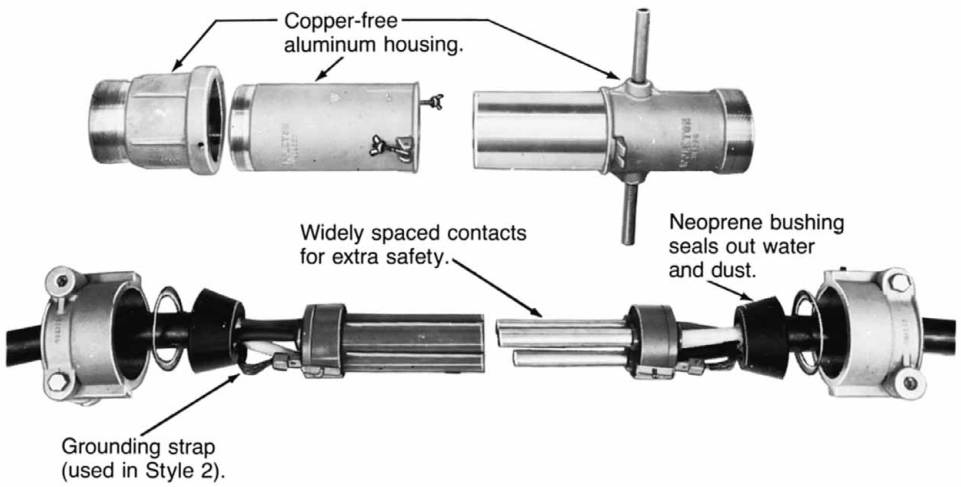




Wire Recess Dia. (Inches)	Grounding Style	Wire/Pole	Connector Body Only	Plug Only	Cable Dia. (Inches)
0.84 ①	Style 1 (Shell Only)	3W, 3P	**ARC40033E**	**AP40033E**	1.875 to 2.500
		4W, 4P	**ARC40044E**	**AP40044E**	1.875 to 2.500
	Style 2 (Shell and Extra Pole)	2W, 3P	**ARC40023E**	**AP40023E**	1.875 to 2.500
		3W, 4P	**ARC40034E**	**AP40034E**	1.875 to 2.500
1.25	Style 1 (Shell Only)	3W, 3P	**ARC40133F**	**AP40133F**	2.500 to 3.000
			ARC40133G	**AP40133G**	3.000 to 3.500
		4W, 4P	**ARC40144F**	**AP40144F**	2.500 to 3.000
			ARC40144G	**AP40144G**	3.000 to 3.500
	Style 2 (Shell and Extra Pole)	2W, 3P	**ARC40123F**	**AP40123F**	2.500 to 3.000
			ARC40123G	**AP40123G**	3.000 to 3.500
		3W, 4P	**ARC40134F**	**AP40134F**	2.500 to 3.000
			ARC40134G	**AP40134G**	3.000 to 3.500

Solder wire terminals standard on all models.
*For Reverse Service add suffix -**RS** to Catalog Number.*
*For Special Polarization add suffix -**P4** to Catalog Number.*

Pin and Sleeve Design



Energized contacts deeply recessed to reduce danger of accidental touching, minimize possibility of exposed arcs. Insulator quenches arcing, and is resistant to abnormal heat and to fire.

Plug mechanical cable clamps provide strain relief at conductor connections, allow easy cable replacement.

① *Pressure terminal kits available for .84 wire recess size only to convert solder terminal to pressure terminal. See Replacement Parts page.*

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Powertite® 200 and 400 Amp Mounting Boxes and Replacement Interiors

600 Vac, 250 Vdc, 50-400 Hz.

200 Amp Mounting Boxes and Angle Adapter






Hub Size (Inches)	AJB	AJA	AJAC (Feed–Thru)	AJA200 (Angle Adapter Only)
1-1/2 NPT	—	**AJA520**	—	**AJA200**
2 NPT	**AJB620**	**AJA620**	—	**AJA200**
2-1/2 NPT	—	**AJA720**	**AJAC720**	**AJA200**
2-3/8 (Slip Hole)	**AJB238**	—	—	—

400 Amp Mounting Box and Angle Adapter




Hub Size (Inches)	AJAC ①	AJA400 (Angle Adapter Only)
4	**AJAC400**	**AJA400**

200 Amp Interiors ②






Grounding Style	Wire/Pole	Receptacle	Plug	Receptacle	Plug
Style 1 (Shell Only)	3W, 3P	**ARI20033**	**API20033**	—	—
	4W, 4P	**ARI20044**	**API20044**	—	—
Style 2 (Shell and Extra Pole)	2W, 3P	—	—	**ARI20023**	**API20023**
	3W, 4P	—	—	**ARI20034**	**API20034**

400 Amp Interiors ②






Wire Recess Dia. (Inches)	Grounding Style	Wire/Pole	Receptacle	Plug	Receptacle	Plug
.84	Style 1 (Shell Only)	3W, 3P	**ARI40033**	**API40033**	—	—
		4W, 4P	**ARI40044**	**API40044**	—	—
	Style 2 (Shell and Extra Pole)	2W, 3P	—	—	**ARI40023**	**API40023**
		3W, 4P	—	—	**ARI40034**	**API40034**
1.25	Style 1 (Shell Only)	3W, 3P	**ARI40133**	**API40133**	—	—
		4W, 4P	**ARI40144**	**API40144**	—	—
	Style 2 (Shell and Extra Pole)	2W, 3P	—	—	**ARI40123**	**API40123**
		3W, 4P	—	—	**ARI40134**	**API40134**

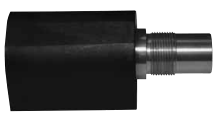
① Has feed-thru 4" tapped openings. Supplied with one 4" to 3" reducer and one 4" close-up plug.
② Pins and sleeves are not sold separately.

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Powertite® 200 and 400 Amp Replacement Parts

600 Vac, 250 Vdc, 50-400 Hz.

	Description	Catalog Number
Receptacle Covers		
	**Spring Cover — Includes Gasket**	
	200 Amp — 2- and 3-Pole	**PTLC200A**
	200 Amp — 4-Pole	**PTLC200B**
	**Clamping Cover — Includes Gasket and Chain**	
	200 Amp — 2- and 3-Pole	**PTBC200A**
	200 Amp — 4-Pole	**PTBC200B**
	400 Amp — 2- and 3-Pole	**PTBC400A**
	400 Amp — 4-Pole	**PTBC400B**
Bushing Bags for Plugs and Cable Connectors		
	200 Amp - Suffix CD	**PTGBCD**
	200 Amp - Suffix E	**PTGB200E**
	400 Amp - Suffix E	**PTGB400E**
	400 Amp - Suffix F	**PTGB400F**
	400 Amp - Suffix G	**PTGB400G**
Receptacle Lockout Device		
	Lockout, 200 Amp 3- and 4-Pole Models	**PTLOCK2004**
	Lockout, 400 Amp 4-Pole Models	**PTLOCK4004**
Optional Accessory for Wire Size #1 to #4 *Check National Electrical Code for proper wire size and application*		
	200 Amp, 3-Pole Wire Adapter Kit	**PTK200WA3**
	200 Amp, 4-Pole Wire Adapter Kit	**PTK200WA4**
400 Amp Pressure Terminal Kits		
	**Use with 400-500 MCM Wire** *0.84" I.D. Wire Recess*	
	3 Adapters	**PTK84-3P**
	4 Adapters	**PTK84-4P**
	**Use With 750 MCM General Wire or 500-777 MCM Flexible Wire** *1.18" I.D. Wire Recess*	
	3 Adapters	**PTK750-3P**
	4 Adapters	**PTK750-4P**

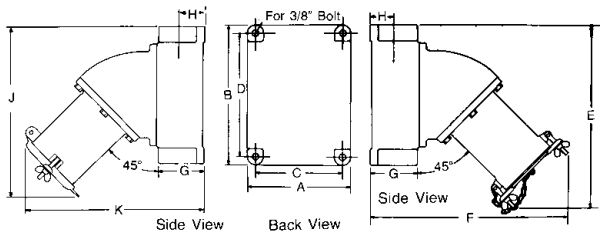
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Powertite® 200 Amp Mounted Receptacle Dimensions

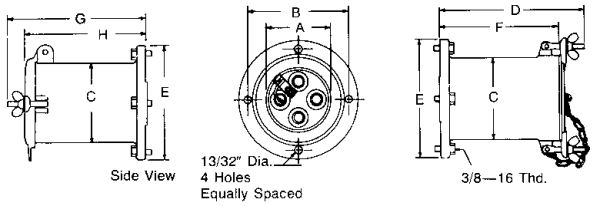
600 Vac, 250 Vdc, 50-400 Hz.

Receptacle Mounted on AJA and AJAC Boxes



Dimensions in Millimeters (Inches)									
A	B	C	D	E	F	G	H	J	K
203.2 (8.00)	273.0 (10.75)	171.4 (6.75)	241.3 (9.50)	355.6 (14.00)	387.3 (15.25)	95.2 (3.75)	47.7 (1.88)	342.9 (13.50)	361.9 (14.25)

Receptacle



Dimensions in Millimeters (Inches)								
No. Poles	A	B	C	D	E	F	G	H
3	82.5 (3.25)	143.0 (5.63)	10.46 (4.19)	203.2 (8.00)	168.4 (6.63)	166.6 (6.56)	170.1 (6.70)	179.0 (7.05)
4	92.2 (3.63)	143.0 (5.63)	115.8 (4.56)	203.2 (8.00)	168.4 (6.63)	166.6 (6.56)	170.1 (6.70)	179.0 (7.05)

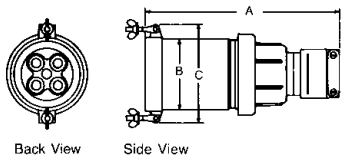
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Powertite® 200 Amp Connector, Plug and Adapter Dimensions

600 Vac, 250 Vdc, 50-400 Hz.

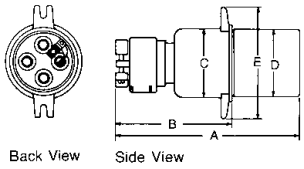
Connector Body



Back View Side View

	Dimensions in Millimeters (Inches)		
No. Poles	A	B	C
3	330.2 (13.00)	106.4 (4.19)	136.6 (5.38)
4	330.2 (13.00)	115.8 (4.56)	146.0 (5.75)

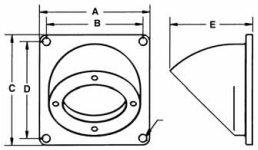
Plug



Back View Side View

	Dimensions in Millimeters (Inches)				
No. Poles	A	B	C	D	E
3	303.2 (11.94)	198.3 (7.81)	96.7 (3.81)	95.2 (3.75)	163.5 (6.44)
4	303.2 (11.94)	198.3 (7.81)	106.4 (4.19)	104.95 (4.13)	172.9 (6.81)

AJA200 Angle Adapter



Dimensions in Millimeters (Inches)				
A	B	C	D	E
203.2 (8.0)	177.8 (7.0)	203.2 (8.0)	177.8 (7.0)	152.4 (6.0)

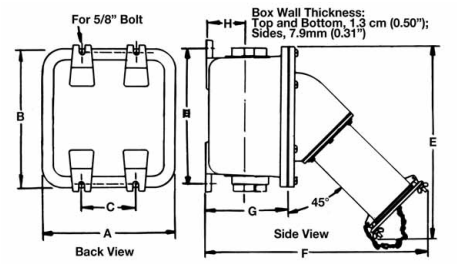
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Powertite® 400 Amp Mounted Receptacle and Receptacle Dimensions

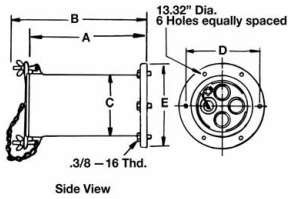
600 Vac, 250 Vdc, 50-400 Hz.

Receptacle Mounted on AJAC Box



	Dimensions in Millimeters (Inches)							
Hub Size ①	A	B	C	D	E	F	G	H
4.00/10.16	403.3 (15.88)	403.3 (15.88)	165.1 (6.50)	384.3 (15.13)	558.8 (22.00)	615.9 (24.25)	215.9 (8.50)	98.5 (3.88)

Receptacle



	Dimensions in Millimeters (Inches)					
No. Poles	A	B	C	D	E	F
3	285.7 (11.25)	311.1 (12.25)	130.3 (5.13)	171.4 (6.75)	196.8 (7.75)	106.4 (4.19)
4	285.7 (11.25)	311.1 (12.25)	143.0 (5.63)	171.4 (6.75)	196.8 (7.75)	119.1 (4.69)

① AJAC box has feed-thru 101.6 mm (4") openings. Supplied with one 101.6 mm (4") to 76.2 mm (3") reducer, and one 101.6 mm (4") close-up plug.

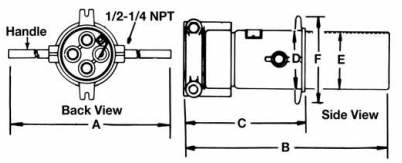
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Powertite® 400 Amp Connector and Plug Dimensions

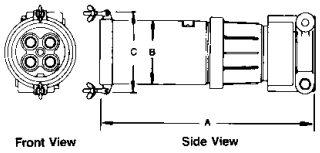
600 Vac, 250 Vdc, 50-400 Hz.

Plug



	Dimensions in Millimeters (Inches)					
No. Poles	A	B	C	D	E	F
3	381.0 (15.00)	482.6 (19.00)	285.7 (11.25)	119.3 (4.70)	118.3 (4.66)	190.5 (7.50)
4	393.7 (15.50)	482.6 (19.00)	285.7 (11.25)	131.8 (5.19)	131.0 (5.16)	203.2 (8.00)

Connector Body



	Dimensions in Millimeters (Inches)		
No. Poles	A	B	C
3	482.6 (19.00)	130.3 (5.13)	184.1 (7.25)
4	482.6 (19.00)	143.0 (5.63)	196.8 (7.75)

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