

# 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.

NEMA 3, 3R, 4, 4X



Plugs and Receptacles

PLUGS AND RECEPTACLES: ORDINARY LOCATION

Grounding Style	Wire/Pole	Receptacle with AJA Mounting Box *	Hub Size (Inches)	Receptacle Only †	Clamping Ring Plug ‡	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			

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

Not for normal starting and stopping, but plug may be withdrawn in an emergency if within these maximum HP ratings.

Amp	Motor Phase	Wire/Pole	Motor Horsepower			
			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			

\* For additional mounting boxes, see Aluminum Mounting Boxes.

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

† Receptacle is NEMA 4X rated when screw cap is closed when the receptacle is not in use.

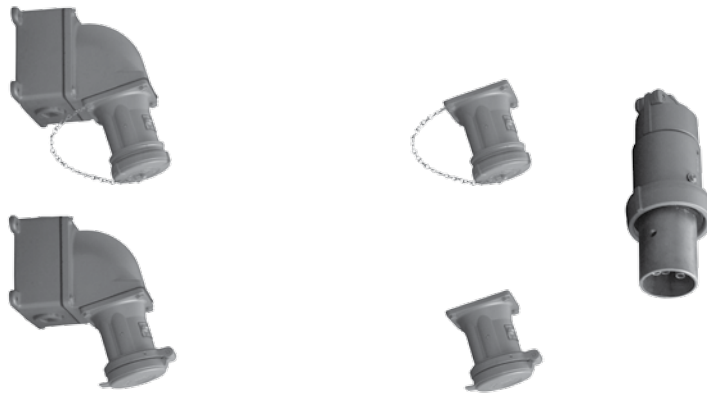
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NEMA 3, 3R, 4, 4X



Plugs and Receptacles

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		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			

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

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Amp	Motor Phase	Wire/Pole	Motor Horsepower			
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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
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