

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

600 Vac, 250 Vdc, 50-400 Hz

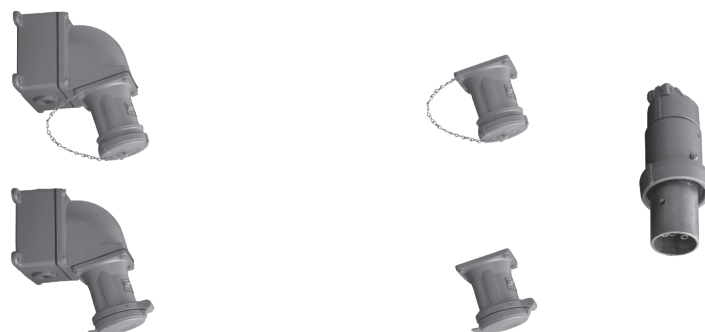
Pressure Wire Terminals – 100 Amp: Wire Recess Diameter: .391". Wire Size Range: #4—#1 Building; #4—#2 Extra Flex.

150 Amp: Wire Recess Diameter: .525". Wire Size Range: #2—2/0 Building; #2—#2/0 Extra Flex.

NEC/CEC:

Listed for Ordinary (Unclassified) Locations

NEMA 3, 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			
100 Amp Style 2 (Shell and Extra Pole)	4W, 4P	ADJA1044-150	1-1/2	ADR1044	ACP1044CD	.875 to 1.906
		ADJA1044-200	2			
	2W, 3P	ADJA1023-125	1-1/4	ADR1023	ACP1023CD	.875 to 1.906
		ADJA1023-150	1-1/2			
150 Amp Style 2 (Shell and Extra Pole)	3W, 4P	ADJA1034-150	1-1/2	ADR1034	ACP1034CD	.875 to 1.906
		ADJA1034-200	2			
	3W, 4P	ADJA15034-150	1-1/2	ADR15034	ACP15034CD	.875 to 1.906
		ADJA15034-200	2			1.250 to 2.187

Receptacles are provided with spring door and screw cover.

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 at Full-Load Current

Below values are derived from NEC article 430 Table 430.250. The voltages listed are nominal motor voltages.

Amp	Motor Phase	240 Vac	Motor Horsepower 480 Vac	600 Vac
100	3-Phase	30HP	75HP	100HP
150	3-Phase	50HP	100HP	150HP

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Not for normal starting and stopping, but plug may be withdrawn in an emergency if within these maximum HP ratings.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	120 Vac	240 Vac	Motor Horsepower 480 Vac	600 Vac
100	1-Phase	7-1/2HP	15HP	30HP	30HP
	3-Phase	10HP	20HP	40HP	40HP
150	3-Phase	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 cover is fully engaged when the receptacle is not in use.

Visit our website at www.emerson.com or contact us at (800) 621-1506.

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467