

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.

NEMA 3, 3R, 4, 4X



Plugs and Receptacles

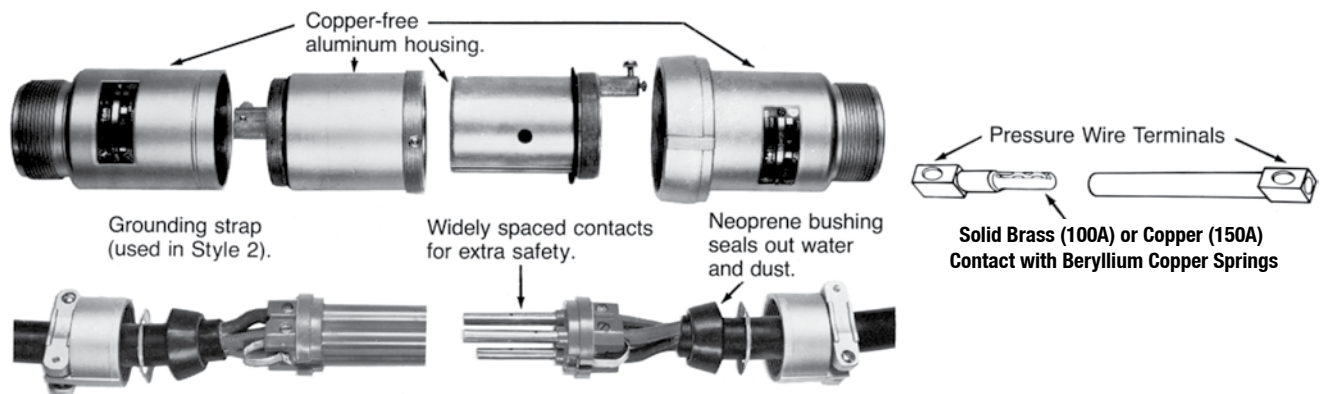
PLUGS AND RECEPTACLES: ORDINARY LOCATION

Grounding Style	Wire/Pole	Connector Body Only	Clamping Ring Plug ‡	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, 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.

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

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

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