

# 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:

Listed for Ordinary (Unclassified) Locations

NEMA 3, 4, 4X

PLUGS AND RECEPTACLES: NEC/CEC ORDINARY LOCATION

APPLETON™

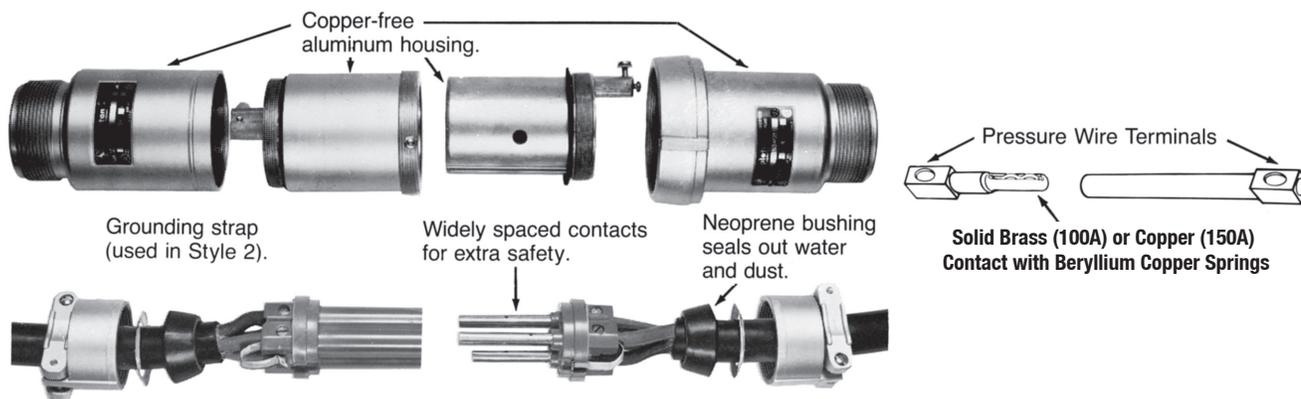


Grounding Style	Wire/Pole	Connector Body Only	Clamping Ring Plug ①	Connector/Plug Cable Dia. (Inches)
100 Amp Style 1 (Shell Only)	2W, 2P	ARC1022CD	ACP1022CD	.875 to 1.906
	3W, 3P	ARC1033CD	ACP1033CD	.875 to 1.906
	4W, 4P	ARC1044CD	ACP1044CD	.875 to 1.906
100 Amp Style 2 (Shell and Extra Pole)	2W, 3P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

② Powertite 150 Amp ARC connectors are not UL listed or CSA certified.

# PowerTite™ Lock Collar 60 and 100 Amp

## For Plugs and Connectors

PLUGS AND RECEPTACLES: NEC/CEC ORDINARY LOCATION

APPLETON™

### Applications

- Secures Plug and Connector connections to prevent intentional disconnection by unauthorized personnel.
- For use with 60 and 100 Amp Series Plugs and Connectors.
- Collar clamps around fully tightened Plug and Connector and secured via a padlock.

### Standard Materials

- Shell: PA6 plastic
- Rubber inserts: NR rubber
- Padlock: Stainless steel



Open View



Keyed Padlock Feature



Closed View

### Ordering Information

Catalog Number	Amp	For Use With 60 Amp Series Plug and Connector	For Use With 100 Amp Series Plug and Connector
PTLC60100	60 & 100	ACP6022BC & ARC6022BC	ACP1022CD & ARC1022CD
		ACP6033BC & ARC6033BC	ACP1033CD & ARC1033CD
		ACP6044BC & ARC6044BC	ACP1044CD & ARC1044CD
		ACP6023BC & ARC6023BC	ACP1023CD & ARC1023CD
		ACP6034BC & ARC6034BC	ACP1034CD & ARC1034CD