

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, 3R, 4, 4X



PLUGS AND RECEPTACLES: NEC/CEC ORDINARY LOCATION

APPLETON™

| 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 | |
| | | ADJA1033-150 | 1-1/2 | | | |
| | 4W, 4P | ADJA1044-150 | 1-1/2 | ADR1044 | ACP1044CD | |
| | | ADJA1044-200 | 2 | | | |
| 100 Amp Style 2 (Shell and Extra Pole) | 2W, 3P | ADJA1023-125 | 1-1/4 | ADR1023 | ACP1023CD | |
| | | ADJA1023-150 | 1-1/2 | | | |
| | 3W, 4P | ADJA1034-150 | 1-1/2 | ADR1034 | ACP1034CD | |
| | | ADJA1034-200 | 2 | | | |
| 150 Amp Style 2 (Shell and Extra Pole) | 3W, 4P | ADJA15034-150 | 1-1/2 | ADR15034 | ACP15034CD | |
| | | ADJA15034-200 | 2 | | ACP15034DE | 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 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Not for normal starting and stopping, but plug may be withdrawn in an emergency if within these maximum HP ratings.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 | | | |

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.