

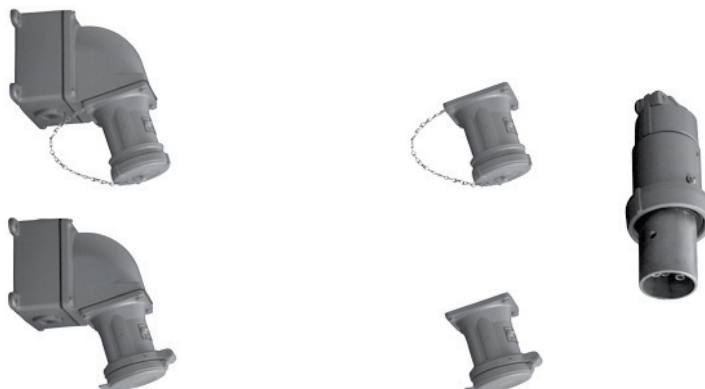
# Powerlite® 100 and 150 Amp Pin and Sleeve Plugs and Receptacles

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



| 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                 |                   | ACP15034DE           | 1.250 to 2.187           |

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                 | 120 Vac                      | Motor Horsepower |         |         |
|-----|-------------|---------------------------|------------------------------|------------------|---------|---------|
|     |             |                           |                              | 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.