

# Powertite® 60 Amp Pin and Sleeve Plugs and Receptacles

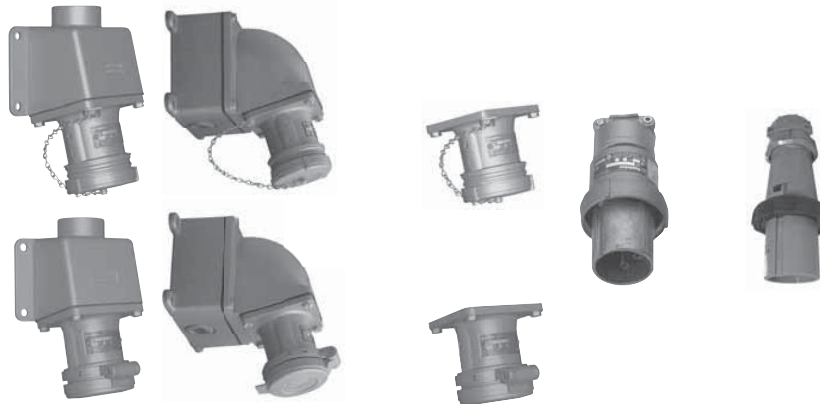
600 Vac, 250 Vdc, 50-400 Hz

Pressure Wire Terminals – Wire Recess Diameter: .312". Wire Size Range: #6—#2 Building; #6—#4 Extra Flex.

NEMA 3, 3R, 4, 4X

Plugs and Receptacles

PLUGS AND RECEPTACLES: ORDINARY LOCATION



| Grounding Style                | Wire/Pole | Receptacle with AEE Mounting Box * | Receptacle with AJA Mounting Box * | Hub Size (Inches) | Receptacle Only † | Metallic Clamping Ring Plug ‡ | Nonmetallic Clamping Ring Plug ‡ | Plug Cable Dia. (Inches) |
|--------------------------------|-----------|------------------------------------|------------------------------------|-------------------|-------------------|-------------------------------|----------------------------------|--------------------------|
| Style 1 (Shell Only)           | 2W, 2P    | ADRE6022-100                       | ADJA6022-100                       | 1                 | ADR6022           | ACP6022BC                     | —                                | .500 to 1.250            |
|                                |           | ADRE6022-125                       | ADJA6022-125                       | 1-1/4             |                   |                               |                                  |                          |
|                                | 3W, 3P    | ADRE6033-100                       | ADJA6033-100                       | 1                 | ADR6033           | ACP6033BC                     | —                                | .500 to 1.250            |
|                                |           | ADRE6033-125                       | ADJA6033-125                       | 1-1/4             |                   |                               |                                  |                          |
|                                | 4W, 4P    | ADRE6044-125                       | ADJA6044-125                       | 1-1/4             | ADR6044           | ACP6044BC                     | —                                | .500 to 1.250            |
|                                |           | ADRE6044-150                       | ADJA6044-150                       | 1-1/2             |                   |                               |                                  |                          |
| Style 2 (Shell and Extra Pole) | 2W, 3P    | ADRE6023-100                       | ADJA6023-100                       | 1                 | ADR6023           | ACP6023BC                     | —                                | .500 to 1.250            |
|                                |           | ADRE6023-125                       | ADJA6023-125                       | 1-1/4             |                   |                               |                                  |                          |
|                                | 3W, 4P    | ADRE6034-125                       | ADJA6034-125                       | 1-1/4             | ADR6034           | ACP6034BC                     | NMACP6034BC                      | .500 to 1.250            |
|                                |           | ADRE6034-150                       | ADJA6034-150                       | 1-1/2             |                   |                               |                                  |                          |

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

Plug may be withdrawn in an emergency if within these maximum HP ratings. Not for normal starting and stopping.

| Phase Motor | Wire/Pole                 | 120 Vac | 240 Vac | 480 Vac | 600 Vac |
|-------------|---------------------------|---------|---------|---------|---------|
| 1-Phase     | 2W, 2P or 2W, 3P          | 3HP     | 10HP    | 20HP    | 20HP    |
| 3-Phase     | 3W, 3P; 3W, 4P; or 4W, 4P | 7-1/2HP | 15HP    | 30HP    | 30HP    |

\* 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.

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# Powerlite® 60 Amp Pin and Sleeve Connectors and Plugs

600 Vac, 250 Vdc, 50-400 Hz

Pressure Wire Terminals – Wire Recess Diameter: .312". Wire Size Range: #6—#2 Building; #6—#4 Extra Flex.

NEMA 3, 3R, 4, 4X

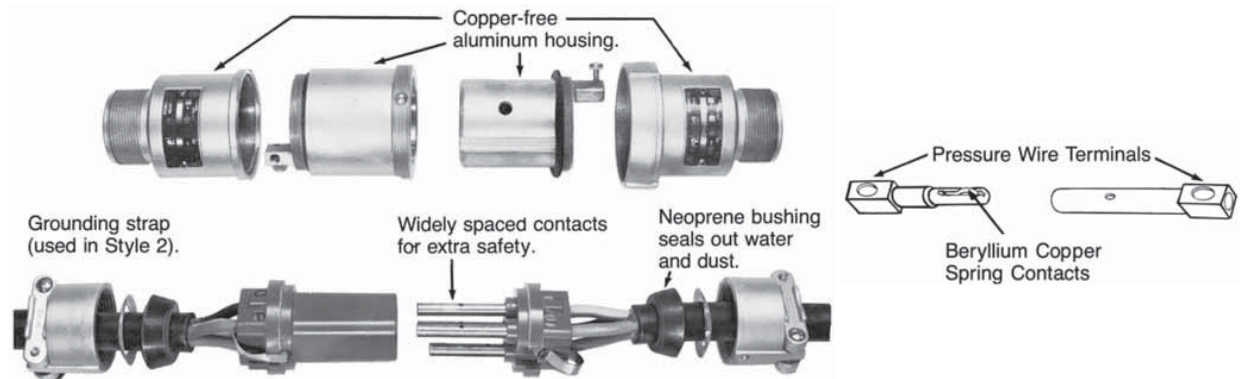


| Grounding Style                | Wire/Pole | Connector Body Only | Metallic Clamping Ring Plug ‡ | Connector/Plug Cable Dia. (Inches) |
|--------------------------------|-----------|---------------------|-------------------------------|------------------------------------|
| Style 1 (Shell Only)           | 2W, 2P    | ARC6022BC           | ACP6022BC                     | .500 to 1.250                      |
|                                | 3W, 3P    | ARC6033BC           | ACP6033BC                     | .500 to 1.250                      |
|                                | 4W, 4P    | ARC6044BC           | ACP6044BC                     | .500 to 1.250                      |
| Style 2 (Shell and Extra Pole) | 2W, 3P    | ARC6023BC           | ACP6023BC                     | .500 to 1.250                      |
|                                | 3W, 4P    | ARC6034BC           | ACP6034BC                     | .500 to 1.250                      |

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.

**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.

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