

# Powertite® 30 Amp Pin and Sleeve Plugs and Receptacles

600 Vac, 250 Vdc, 50-400 Hz

Pressure Wire Terminals – Wire Recess Diameter: .281". Wire Size Range: #10—#6 Building; #10—#8 Extra Flex.

NEMA 3, 3R, 4, 4X



Plugs and Receptacles

PLUGS AND RECEPTACLES: ORDINARY LOCATION

| Grounding Style                   | Wire/Pole    | Receptacle with AEE Mounting Box * | Hub Size (Inches) | Receptacle Only † | Metallic Clamping Ring Plug ‡ | Nonmetallic Clamping Ring Plug ‡ | Plug Cable Dia. (Inches) |
|-----------------------------------|--------------|------------------------------------|-------------------|-------------------|-------------------------------|----------------------------------|--------------------------|
| Style 1<br>(Shell Only)           | 2W, 2P       | ADRE3022-50                        | 1/2               | ADR3022           | ACP3022BC                     | —                                | .500 to 1.250            |
|                                   |              | ADRE3022-75                        | 3/4               |                   |                               |                                  |                          |
|                                   | 3W, 3P       | ADRE3033-75                        | 3/4               | ADR3033           | ACP3033BC                     | —                                | .500 to 1.250            |
|                                   |              | ADRE3033-100                       | 1                 |                   |                               |                                  |                          |
| 4W, 4P                            | ADRE3044-75  | 3/4                                | ADR3044           | ACP3044BC         | —                             | .500 to 1.250                    |                          |
|                                   | ADRE3044-100 | 1                                  |                   |                   |                               |                                  |                          |
| Style 2<br>(Shell and Extra Pole) | 2W, 3P       | ADRE3023-75                        | 3/4               | ADR3023           | ACP3023BC                     | —                                | .500 to 1.250            |
|                                   |              | ADRE3023-100                       | 1                 |                   |                               |                                  |                          |
|                                   | 3W, 4P       | ADRE3034-75                        | 3/4               | ADR3034           | ACP3034BC                     | NMACP3034BC                      | .500 to 1.250            |
|                                   |              | ADRE3034-100                       | 1                 |                   |                               |                                  |                          |

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

\* 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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|                                   | 3W, 3P       | ADRE3033-75                        | 3/4               | ADR3033           | ACP3033BC                     | —                                | .500 to 1.250            |
|                                   |              | ADRE3033-100                       | 1                 |                   |                               |                                  |                          |
| 4W, 4P                            | ADRE3044-75  | 3/4                                | ADR3044           | ACP3044BC         | —                             | .500 to 1.250                    |                          |
|                                   | ADRE3044-100 | 1                                  |                   |                   |                               |                                  |                          |
| Style 2<br>(Shell and Extra Pole) | 2W, 3P       | ADRE3023-75                        | 3/4               | ADR3023           | ACP3023BC                     | —                                | .500 to 1.250            |
|                                   |              | ADRE3023-100                       | 1                 |                   |                               |                                  |                          |
|                                   | 3W, 4P       | ADRE3034-75                        | 3/4               | ADR3034           | ACP3034BC                     | NMACP3034BC                      | .500 to 1.250            |
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