

# EPC circuit breakers and enclosures with interlocked Arktite receptacles

Cl. I, Div. 1 & 2, Groups C, D  
Cl. II, Div. 1 & 2, Groups F, G  
Cl. III  
NEMA/IEC 3, 7CD, 9FG, 12

Explosionproof  
Dust-ignitionproof  
Raintight  
Wet Locations

4P

## Applications:

- EPC interlocked receptacles are designed for use as a service outlet for portable equipment
- Designed for use in damp, wet and corrosive locations, indoors or outdoors, in areas which are hazardous due to flammable vapors, gases or combustible dust, such as refineries, chemical plants and other processing and handling facilities of a hazardous nature

## Features:

- Mechanical interlock mechanism for dead front construction
- Receptacles are mechanically interlocked with circuit breakers to provide disconnect means, short circuit protection and thermal time delay overload protection
- A spring door receptacle, located at bottom of 30, 60 and 100 ampere units and at front of 200 ampere units, is mechanically interlocked with the circuit breaker operating mechanism for maximum safety
- Plug and receptacle contacts cannot be made or broken under load; the circuit breaker cannot be closed until the plug is fully inserted and the plug cannot be withdrawn unless the breaker is open
- Operating handles can be padlocked in either "ON" or "OFF" positions; breakers are trip-free of the handles and will open under short circuit or overload even if the handle is locked in the "ON" position
- Quick installation and leveling is provided by the three-point mounting arrangement which has one keyhole slot at top and two open slots at bottom
- Bodies have four taper tapped conduit hubs with integral bushings; two are located at top and two directly below

## Certifications and compliances:

### NEC:

- Class I, Divisions 1 & 2, Groups C, D
- Class II, Divisions 1 & 2, Groups F, G
- Class III

### NEMA:

- NEMA 3, 7CD, 9FG, 12

### ANSI/UL standard:

- UL1010

### CEC:

- Class I, Divisions 1 & 2, Groups C, D
- Class II, Divisions 1 & 2, Group G
- Class III
- Encl. 3, 4

## Standard materials:

- Bodies, covers and receptacle housings – copper-free aluminum
- Operating handles – copper-free aluminum
- Operating shafts – stainless steel
- Interior parts – sheet steel
- Insulation (receptacles and plugs) – fiberglass-reinforced polyester
- Pressure contacts – brass
- Crimp/solder contacts – leaded red brass

## Standard finishes:

- Copper-free aluminum – natural
- Stainless steel – natural
- Sheet steel – electrogalvanized with chromate finish
- Brass – natural
- Fiberglass-reinforced polyester – natural (red)
- Leaded red brass – electro-tin-plate

## Options:

- | Description                                                                                                                                                  | Suffix       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| • Special polarity.....                                                                                                                                      | <b>S4</b>    |
| <i>Receptacle interior rotated 22½° to right (when viewed from face of receptacle) and plug changed to match</i>                                             |              |
| <i>Where two or more receptacles of the same ampere rating, style and number of poles are to be installed in the same area for use on different voltages</i> |              |
| <i>Available on 30, 60 and 100A units only</i>                                                                                                               |              |
| • Side bosses drilled and tapped same size as standard hubs .....                                                                                            | <b>S366</b>  |
| <i>Available on 30, 60 and 100A units only</i>                                                                                                               |              |
| • Back boss drilled and tapped same size as standard hubs .....                                                                                              | <b>S367</b>  |
| <i>Available on 30, 60 and 100A units only</i>                                                                                                               |              |
| • Breather and drain (Class I, Class II).....                                                                                                                | <b>S198V</b> |
| • Breather and drain (Class I only).....                                                                                                                     | <b>S454V</b> |

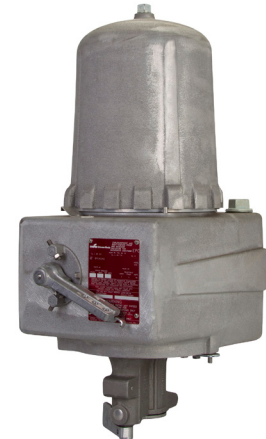
## Electrical ratings:

- Receptacles – 30, 60, 100, 200 amperes
- Circuit breakers – 100 and 225 ampere frame sizes

## Grounding:

- EPC interlocked receptacles and matching plugs are provided with an extra grounding pole for attaching a grounding wire. In addition, direct connection is provided between plug and receptacle and the grounding pole. If a separate grounding wire is not installed in the enclosure, grounding is accomplished through the conduit system.

**CAUTION:** To reduce the risk of ignition of hazardous atmospheres, do not use plugs or receptacles in Class II, Group F locations that contain electrically conductive dusts.



30A, 60A, 100A



200A

## Interchangeability of plugs with other hazardous and non-hazardous location receptacles:

- Plugs listed for use with 30, 60 and 100 ampere EPC assemblies are standard Arktite APJ/NPJ plugs; other standard APJ and CPH plugs of the same rating, style and number of poles may be used with EPC receptacles, as well as with DBR, EBBR and EPCB receptacles listed elsewhere in this section
- As a result, portable equipment suitable for the location and equipped with the proper plug can be used with AR/NR receptacles for non-hazardous locations; EBBR, EPC and EPCB receptacles for Class I hazardous locations; and with DR and DBR receptacles for Class II hazardous locations

# EPC circuit breakers and enclosures with interlocked Arktite receptacles

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## Ordering information:

### 100A frame size thermal magnetic circuit breaker with non-interchangeable thermal trip and non-adjustable magnetic trip

| Circuit breaker                     |                                            | Enclosure            |                          |                                | With circuit breaker       |                               |
|-------------------------------------|--------------------------------------------|----------------------|--------------------------|--------------------------------|----------------------------|-------------------------------|
| Receptacle with spring door housing | Rating                                     | Hub size             | Circuit breaker amperage | Cat. # Without circuit breaker | Cat. # Cutler-Hammer "EHD" | Cat. # General Electric "TED" |
| 30A<br>2-wire, 3-pole<br>Style 2    | 2-pole, 480 VAC <sup>A</sup><br>or 250 VDC | 600 VAC <sup>B</sup> | 1 1/4"                   | EPC43032                       | EPC43032 WT20 2            | EPC43032 TT20 2               |
|                                     |                                            |                      |                          |                                | EPC43032 WT30 2            | EPC43032 TT30 2               |
|                                     |                                            |                      |                          |                                | EPC43032 WT40 2            | EPC43032 TT40 2               |
|                                     |                                            |                      |                          |                                | EPC43032 WT50 2            | EPC43032 TT50 2               |
| 30A<br>3-wire, 4-pole<br>Style 2    | 3-pole, 480 VAC <sup>A</sup><br>or 250 VDC | 600 VAC <sup>B</sup> | 1 1/4"                   | EPC43042                       | EPC43042 WT20 3            | EPC43042 TT20 3               |
|                                     |                                            |                      |                          |                                | EPC43042 WT30 3            | EPC43042 TT30 3               |
|                                     |                                            |                      |                          |                                | EPC43042 WT40 3            | EPC43042 TT40 3               |
|                                     |                                            |                      |                          |                                | EPC43042 WT50 3            | EPC43042 TT50 3               |
| 60A<br>2-wire, 3 pole<br>Style 2    | 2-pole, 480 VAC <sup>A</sup><br>or 250 VDC | 600 VAC <sup>B</sup> | 1 1/4"                   | EPC46032                       | EPC46032 WT50 2            | EPC46032 TT50 2               |
|                                     |                                            |                      |                          |                                | EPC66032 WT60 2            | EPC66032 TT60 2               |
|                                     |                                            |                      | 2"                       | EPC66032                       | EPC66032 WT70 2            | EPC66032 TT70 2               |
|                                     |                                            |                      |                          |                                | EPC66032 WT90 2            | EPC66032 TT90 2               |
| 60A<br>3-wire, 4-pole<br>Style 2    | 3-pole, 480 VAC <sup>A</sup><br>or 250 VDC | 600 VAC <sup>B</sup> | 1 1/4"                   | EPC46042                       | EPC66032 WT100 2           | EPC66032 TT100 2              |
|                                     |                                            |                      |                          |                                | EPC46042 WT50 3            | EPC46042 TT50 3               |
|                                     |                                            |                      | 2"                       | EPC66042                       | EPC66042 WT60 3            | EPC66042 TT60 3               |
|                                     |                                            |                      |                          |                                | EPC66042 WT70 3            | EPC66042 TT70 3               |
| 100A<br>2-wire, 3-pole<br>Style 2   | 2-pole, 480 VAC <sup>A</sup><br>or 250 VDC | 600 VAC <sup>B</sup> | 2"                       | EPC61032                       | EPC66042 WT90 3            | EPC66042 TT90 3               |
|                                     |                                            |                      |                          |                                | EPC66042 WT100 3           | EPC66042 TT100 3              |
|                                     |                                            |                      |                          |                                | EPC61032 WT60 2            | EPC61032 TT60 2               |
|                                     |                                            |                      |                          |                                | EPC61032 WT70 2            | EPC61032 TT70 2               |
| 100A<br>3-wire, 4-pole<br>Style 2   | 3-pole, 480 VAC <sup>A</sup><br>or 250 VDC | 600 VAC <sup>B</sup> | 2"                       | EPC61042                       | EPC61032 WT90 2            | EPC61032 TT90 2               |
|                                     |                                            |                      |                          |                                | EPC61032 WT100 2           | EPC61032 TT100 2              |
|                                     |                                            |                      |                          |                                | EPC61042 WT60 3            | EPC61042 TT60 3               |
|                                     |                                            |                      |                          |                                | EPC61042 WT70 3            | EPC61042 TT70 3               |

### 225A frame size circuit breaker with interchangeable thermal magnetic trip

| Circuit breaker                     |                               | Enclosure |                          |                                | With circuit breaker      |                               |
|-------------------------------------|-------------------------------|-----------|--------------------------|--------------------------------|---------------------------|-------------------------------|
| Receptacle with spring door housing | Rating                        | Hub size  | Circuit breaker amperage | Cat. # Without circuit breaker | Cat. # Cutler-Hammer "KB" | Cat. # General Electric "TFK" |
| 200A<br>3-wire, 4-pole<br>Style 2   | 3-pole, 600 VAC<br>or 250 VDC | 3"        | 125                      | EPC604 2042                    | EPC604 2042 WT125 3       | EPC605 2042 TT125 3           |
|                                     |                               |           | 150                      |                                | EPC604 2042 WT150 3       | EPC605 2042 TT150 3           |
|                                     |                               |           | 175                      |                                | EPC604 2042 WT175 3       | EPC605 2042 TT175 3           |
|                                     |                               | 3"        | 200                      | EPC605 2042                    | EPC604 2042 WT200 3       | EPC605 2042 TT200 3           |
|                                     |                               |           | 225 <sup>C</sup>         |                                | EPC604 2042 WT225 3       | EPC605 2042 TT225 3           |
|                                     |                               |           |                          |                                |                           |                               |

<sup>A</sup> Enclosures with 600V circuit breakers from the U.S. are available. Information available upon request.

<sup>B</sup> CSA certified units are supplied with 600 VAC FDB frame circuit breakers.

<sup>C</sup> Circuit breaker trip rating may exceed receptacle rating for welding equipment applications only, as higher trip rating may not protect wiring.

<sup>D</sup> 200A units are suitable for Class I, Group D (NEMA 7D).

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Cl. III  
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Raintight  
Wet Locations

4P

## Ordering information (continued):

### Arktite APJ/NPJ<sup>®</sup> and DP plugs

600 VAC/250 VDC with cable grip and neoprene bushing – Style 2

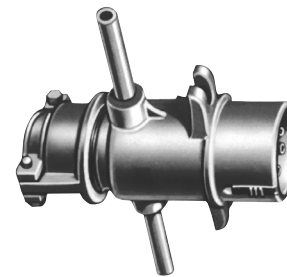
| Amperage         | Cable O.D. range | Cat. #<br>2-wire, 3-pole | Cat. #<br>3-wire, 4-pole |
|------------------|------------------|--------------------------|--------------------------|
| 30 <sup>E</sup>  | 0.60 - 1.20"     | APJ3385                  | APJ3485                  |
|                  | 0.55 - 0.70"     | NPJ3383                  | NPJ3483                  |
|                  | 0.70 - 0.85"     | NPJ3384                  | NPJ3484                  |
| 60 <sup>E</sup>  | 0.75 - 1.45"     | APJ6385                  | APJ6485                  |
|                  | 0.75 - 1.07"     | NPJ6384                  | NPJ6484                  |
|                  | 1.07 - 1.35"     | NPJ6385                  | NPJ6485                  |
| 100 <sup>E</sup> | 1.00 - 1.70"     | APJ10387                 | APJ10487                 |
|                  | 0.93 - 1.21"     | NPJ10386                 | NPJ10486                 |
|                  | 1.21 - 1.50"     | NPJ10387                 | NPJ10487                 |
| 200              | 1.875 - 2.500"   |                          | DP20468                  |



APJ plug

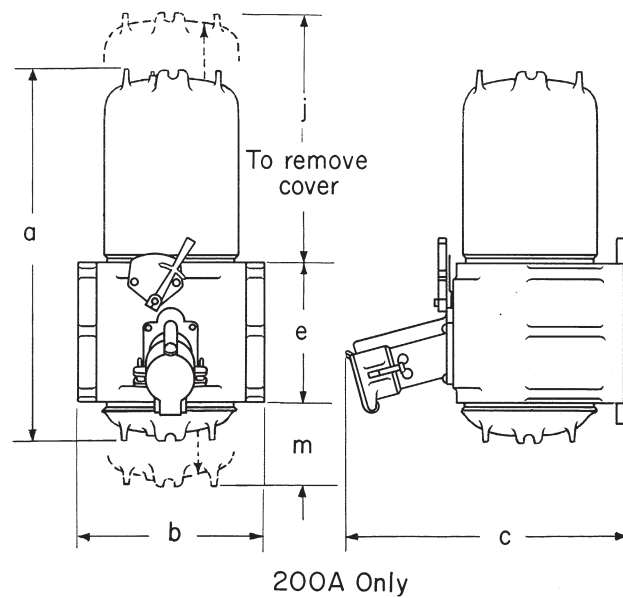
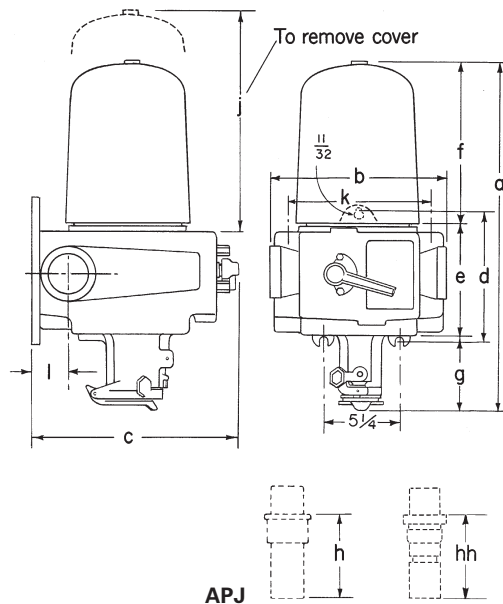


NPJ plug



DP plug

## Dimensions (in inches):



200A Only

| Receptacle | Breaker  | a                              | b                                | c                              | d                             | e                               | f                              | g                               | h                               | hh                              | j                              | k                             | l                              | m                             |
|------------|----------|--------------------------------|----------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|
| 30A        | 20-50A   | 24                             | 10 <sup>5</sup> / <sub>8</sub>   | 14 <sup>3</sup> / <sub>8</sub> | 9 <sup>7</sup> / <sub>8</sub> | 7 <sup>11</sup> / <sub>16</sub> | 11 <sup>3</sup> / <sub>4</sub> | 4 <sup>9</sup> / <sub>16</sub>  | 4 <sup>13</sup> / <sub>16</sub> | 7                               | 20 <sup>3</sup> / <sub>4</sub> | 7 <sup>7</sup> / <sub>8</sub> | 2 <sup>1</sup> / <sub>16</sub> |                               |
| 60A        | 50A      | 24 <sup>1</sup> / <sub>2</sub> | 10 <sup>5</sup> / <sub>8</sub>   | 14 <sup>3</sup> / <sub>8</sub> | 9 <sup>7</sup> / <sub>8</sub> | 7 <sup>11</sup> / <sub>16</sub> | 11 <sup>3</sup> / <sub>4</sub> | 5 <sup>1</sup> / <sub>16</sub>  | 5 <sup>13</sup> / <sub>16</sub> | 6 <sup>13</sup> / <sub>16</sub> | 20 <sup>3</sup> / <sub>4</sub> | 7 <sup>3</sup> / <sub>8</sub> | 2 <sup>1</sup> / <sub>16</sub> |                               |
| 60A        | 70-100A  | 24 <sup>1</sup> / <sub>2</sub> | 12 <sup>13</sup> / <sub>16</sub> | 14 <sup>3</sup> / <sub>8</sub> | 9 <sup>7</sup> / <sub>8</sub> | 7 <sup>11</sup> / <sub>16</sub> | 11 <sup>3</sup> / <sub>4</sub> | 5 <sup>1</sup> / <sub>16</sub>  | 5 <sup>13</sup> / <sub>16</sub> | 6 <sup>13</sup> / <sub>16</sub> | 20 <sup>3</sup> / <sub>4</sub> | 9 <sup>1</sup> / <sub>4</sub> | 2 <sup>5</sup> / <sub>8</sub>  |                               |
| 100A       | 70-100A  | 25 <sup>1</sup> / <sub>4</sub> | 12 <sup>13</sup> / <sub>16</sub> | 14 <sup>3</sup> / <sub>8</sub> | 9 <sup>7</sup> / <sub>8</sub> | 7 <sup>11</sup> / <sub>16</sub> | 11 <sup>3</sup> / <sub>4</sub> | 5 <sup>13</sup> / <sub>16</sub> | 6 <sup>9</sup> / <sub>8</sub>   | 7 <sup>3</sup> / <sub>4</sub>   | 20 <sup>3</sup> / <sub>4</sub> | 9 <sup>1</sup> / <sub>4</sub> | 2 <sup>5</sup> / <sub>8</sub>  |                               |
| 200A       | 125-225A | 36                             | 18                               | 27                             |                               | 13 <sup>1</sup> / <sub>2</sub>  |                                |                                 |                                 |                                 | 34 <sup>1</sup> / <sub>4</sub> |                               |                                | 5 <sup>1</sup> / <sub>2</sub> |

Dimensions 'h' and 'hh' are exposed portion of plug when engaged with receptacle.

<sup>E</sup>Pressure connectors are standard. Crimp/solder type terminators are optionally available for 2-, 3- and 4-pole 30A, 3- and 4-pole 60A and 100A. For details, see Section 1P. To order, add suffix 'T' to end of catalog number. For example: APJ3365-T (plug).

# EPCB circuit breakers and enclosures with interlocked Arktite receptacles

Cl. I, Div. 1 & 2, Groups B, C, D  
Cl. II, Div. 1 & 2, Groups F, G  
Cl. III  
NEMA/IEC 3, 7BCD, 9FG, 12

Explosionproof  
Dust-ignitionproof  
Raintight  
Wet Locations

4P

## Applications:

- EPCB interlocked receptacles are designed for use as a service outlet for portable equipment; the circuit breaker provides overcurrent and short circuit protection
- EPCBs have a mechanical interlock mechanism for dead front construction and no load make or break feature
- Designed for use in damp, wet and corrosive locations, indoors or outdoors, in areas which are hazardous due to flammable vapors, gases or combustible dust, such as refineries, chemical plants and other processing and handling facilities of a hazardous nature

## Features:

- Spring door receptacle located at the bottom is mechanically interlocked with the circuit breaker operating mechanism for maximum safety; plug and receptacle contacts cannot be made or broken under load; the circuit breaker cannot be closed until the plug is fully inserted and the plug cannot be withdrawn unless the breaker is open
- Operating handles can be padlocked in either "ON" or "OFF" positions; breakers are trip-free of the handles and will open under short circuit or overload even if the handle is locked in the "ON" position
- Quick installation and leveling is provided by the three-point mounting arrangement having one keyhole slot at top and two open slots at bottom
- Bodies have four 1 1/4" taper tapped conduit hubs with integral bushings; two are located at top and two directly below
- When installing, seals suitable for Class I, Group B hazardous areas must be located within 1 1/2" of each conduit opening

## Certifications and compliances:

### NEC:

- Class I, Divisions 1 & 2, Groups B, C, D
- Class II, Divisions 1 & 2, Groups F, G
- Class III

### NEMA:

- NEMA 3, 7BCD, 9FG, 12

### ANSI/UL standard:

- UL1010

### CEC:

- Class I, Divisions 1 & 2, Groups B, C, D
- Class II, Divisions 1 & 2, Group G
- Class III

### Enclosure:

- Encl. 3, 4

## Standard materials:

- Bodies, covers and receptacle housings – copper-free aluminum
- Operating handles – copper-free aluminum
- Operating shafts – stainless steel
- Interior parts – sheet steel
- Insulation – fiberglass-reinforced polyester
- Pressure contacts – brass
- Crimp/solder contacts – leaded red brass

## Standard finishes:

- Copper-free aluminum – natural
- Stainless steel – natural
- Sheet steel – zinc electroplate with chromate finish
- Brass – natural
- Fiberglass-reinforced polyester – natural (red)
- Leaded red brass – electro-tin-plate

## Options:

- | Description                                                                                                                                                  | Suffix      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| • Special polarity.....                                                                                                                                      | <b>S4</b>   |
| <i>Receptacle interior rotated 22 1/2° to right (viewed from face) and plug changed to match</i>                                                             |             |
| <i>Where two or more receptacles of the same ampere rating, style and number of poles are to be installed in the same area for use on different voltages</i> |             |
| • Side bosses drilled and tapped same size as standard hubs .....                                                                                            | <b>S366</b> |
| • Back boss drilled and tapped same size as standard hubs .....                                                                                              | <b>S367</b> |

## Electrical ratings:

- Receptacles – 30, 60, 100 amperes
- Circuit breakers – 100 ampere frame size

## Grounding:

- EPCB interlocked receptacles and matching plugs are provided with an extra grounding pole for attaching a grounding wire. In addition, direct connection is provided between plug and receptacle and the grounding pole. If a separate grounding wire is not installed in the enclosure, grounding is accomplished through the conduit system.



## Interchangeability of plugs with other hazardous and non-hazardous location receptacles:

- Plugs listed for use with EPCB assemblies are standard Arktite APJ/NPJ plugs; other standard APJ and CPH plugs of the same rating, style and number of poles may be used with EPCB receptacles as well as DBR and EPC receptacles listed elsewhere in this section
- As a result, portable equipment suitable for the location and equipped with the proper plug can be used with AR/NR receptacles for non-hazardous locations; EBBR, EPC and EPCB receptacles for Class I hazardous locations; and with DR and DBR receptacles for Class II hazardous locations

# EPCB circuit breakers and enclosures with interlocked Arktite receptacles

Cl. I, Div. 1 & 2, Groups B, C, D  
Cl. II, Div. 1 & 2, Groups F, G  
Cl. III  
NEMA/EFC 3, 7BCD, 9FG, 12

Explosionproof  
Dust-ignitionproof  
Raintight  
Wet Locations

4P

## Ordering information:

### 100A frame size thermal magnetic circuit breaker with non-interchangeable thermal trip and non-adjustable magnetic trip

| Circuit breaker                     |                               | Enclosure with circuit breaker |                          |                      |                         |
|-------------------------------------|-------------------------------|--------------------------------|--------------------------|----------------------|-------------------------|
| Receptacle with spring door housing | Rating                        | Hub size                       | Circuit breaker amperage | Cat. # Cutler-Hammer | Cat. # General Electric |
| 30A<br>2-wire, 3-pole<br>Style 2    | 2-pole, 600 VAC<br>or 250 VDC | 1 1/4"                         | 20                       | EPCB43632 WT20HFD 2  | EPCB43632 TT20TED 2     |
|                                     |                               |                                | 30                       | EPCB43632 WT30HFD 2  | EPCB43632 TT30TED 2     |
|                                     |                               |                                | 40 <sup>A</sup>          | EPCB43632 WT40HFD 2  | EPCB43632 TT40TED 2     |
|                                     |                               |                                | 50 <sup>A</sup>          | EPCB43632 WT50HFD 2  | EPCB43632 TT50TED 2     |
| 30A<br>3-wire, 4-pole<br>Style 2    | 3-pole, 600 VAC<br>or 250 VDC | 1 1/4"                         | 20                       | EPCB43642 WT20HFD 3  | EPCB43642 TT20TED 3     |
|                                     |                               |                                | 30                       | EPCB43642 WT30HFD 3  | EPCB43642 TT30TED 3     |
|                                     |                               |                                | 40 <sup>A</sup>          | EPCB43642 WT40HFD 3  | EPCB43642 TT40TED 3     |
|                                     |                               |                                | 50 <sup>A</sup>          | EPCB43642 WT50HFD 3  | EPCB43642 TT50TED 3     |
| 60A<br>2-wire, 3-pole<br>Style 2    | 2-pole, 600 VAC<br>or 250 VDC | 1 1/4"                         | 50                       | EPCB46632 WT50HFD 2  | EPCB46632 TT50TED 2     |
|                                     |                               |                                | 60 <sup>A</sup>          | EPCB46632 WT60HFD 2  | EPCB46632 TT60TED 2     |
|                                     |                               |                                | 70 <sup>A</sup>          | EPCB46632 WT70HFD 2  | EPCB46632 TT70TED 2     |
|                                     |                               |                                | 90 <sup>A</sup>          | EPCB46632 WT90HFD 2  | EPCB46632 TT90TED 2     |
| 60A<br>3-wire, 4-pole<br>Style 2    | 3-pole, 600 VAC<br>or 250 VDC | 1 1/4"                         | 100 <sup>A</sup>         | EPCB46632 WT100HFD 2 | EPCB46632 TT100TED 2    |
|                                     |                               |                                | 50                       | EPCB46642 WT50HFD 3  | EPCB46642 TT50TED 3     |
|                                     |                               |                                | 60 <sup>A</sup>          | EPCB46642 WT60HFD 3  | EPCB46642 TT60TED 3     |
|                                     |                               |                                | 70 <sup>A</sup>          | EPCB46642 WT70HFD 3  | EPCB46642 TT70TED 3     |
| 100A<br>2-wire, 3-pole<br>Style 2   | 2-pole, 600 VAC<br>or 250 VDC | 1 1/4"                         | 90 <sup>A</sup>          | EPCB46642 WT90HFD 3  | EPCB46642 TT90TED 3     |
|                                     |                               |                                | 100 <sup>A</sup>         | EPCB46642 WT100HFD 3 | EPCB46642 TT100TED 3    |
|                                     |                               |                                | 70                       | EPCB41632 WT70HFD 2  | EPCB41632 TT70TED 2     |
|                                     |                               |                                | 90                       | EPCB41632 WT90HFD 2  | EPCB41632 TT90TED 2     |
| 100A<br>3-wire, 4-pole<br>Style 2   | 3-pole, 600 VAC<br>or 250 VDC | 1 1/4"                         | 100                      | EPCB41632 WT100HFD 2 | EPCB41632 TT100TED 2    |
|                                     |                               |                                | 70 <sup>B</sup>          | EPCB41642 WT70HFD 3  | EPCB41642 TT70TED 3     |
|                                     |                               |                                | 90 <sup>B</sup>          | EPCB41642 WT90HFD 3  | EPCB41642 TT90TED 3     |
|                                     |                               |                                | 100 <sup>B</sup>         | EPCB41642 WT100HFD 3 | EPCB41642 TT100TED 3    |

## Arktite APJ/NPJø plugs

### 600 VAC/250 VDC with cable grip and neoprene bushing – Style 2

| Amperage | Cable O.D. range | Cat. # 2-wire, 3-pole | Cat. # 3-wire, 4-pole |
|----------|------------------|-----------------------|-----------------------|
| 30       | 0.60 - 1.20"     | APJ3385               | APJ3485               |
|          | 0.55 - 0.70"     | NPJ3383               | NPJ3483               |
|          | 0.70 - 0.85"     | NPJ3384               | NPJ3484               |
| 60       | 0.75 - 1.45"     | APJ6385               | APJ6485               |
|          | 0.75 - 1.07"     | NPJ6384               | NPJ6484               |
|          | 1.07 - 1.35"     | NPJ6385               | NPJ6485               |
| 100      | 1.00 - 1.70"     | APJ10387              | APJ10487              |
|          | 0.93 - 1.21"     | NPJ10386              | NPJ10486              |
|          | 1.21 - 1.50"     | NPJ10387              | NPJ10487              |



APJ plug



NPJ plug

<sup>A</sup> Circuit breaker trip rating may exceed receptacle rating for welding equipment applications only, as higher trip rating may not protect wiring.

<sup>B</sup> For detailed information on circuit breaker selection, see Section 3C.

<sup>C</sup> Pressure connectors are supplied as standard. To order crimp/solder type terminators, add suffix 'T' to end of catalog number. For example: APJ3385-T (plug).

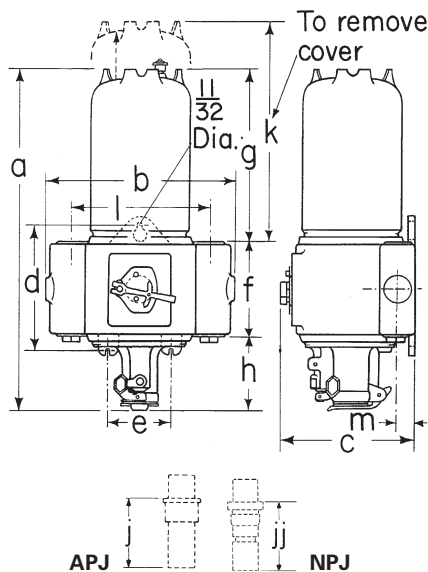
# EPCB circuit breakers and enclosures with interlocked Arktite receptacles

Cl. I, Div. 1 & 2, Groups B, C, D  
 Cl. II, Div. 1 & 2, Groups F, G  
 Cl. III  
 NEMA/IEC 3, 7BCD, 9FG, 12

Explosionproof  
 Dust-ignitionproof  
 Raintight  
 Wet Locations

4P

## Dimensions (in inches):



| Receptacle | a                              | b                               | c                              | d                             | e | f                             | g                               | h                               | j                               | jj                              | k                              | l                              | m                             |
|------------|--------------------------------|---------------------------------|--------------------------------|-------------------------------|---|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|-------------------------------|
| 30A        | 26 <sup>1</sup> / <sub>4</sub> | 11 <sup>5</sup> / <sub>16</sub> | 11 <sup>3</sup> / <sub>4</sub> | 8 <sup>5</sup> / <sub>8</sub> | 5 | 7 <sup>3</sup> / <sub>4</sub> | 13 <sup>9</sup> / <sub>16</sub> | 4 <sup>15</sup> / <sub>16</sub> | 4 <sup>13</sup> / <sub>16</sub> | 7                               | 24 <sup>3</sup> / <sub>4</sub> | 8 <sup>7</sup> / <sub>16</sub> | 1 <sup>5</sup> / <sub>8</sub> |
| 60A        | 26 <sup>3</sup> / <sub>4</sub> | 11 <sup>5</sup> / <sub>16</sub> | 11 <sup>3</sup> / <sub>4</sub> | 8 <sup>5</sup> / <sub>8</sub> | 5 | 7 <sup>3</sup> / <sub>4</sub> | 13 <sup>9</sup> / <sub>16</sub> | 5 <sup>7</sup> / <sub>16</sub>  | 5 <sup>13</sup> / <sub>16</sub> | 6 <sup>13</sup> / <sub>16</sub> | 24 <sup>3</sup> / <sub>4</sub> | 8 <sup>7</sup> / <sub>16</sub> | 1 <sup>5</sup> / <sub>8</sub> |
| 100A       | 27 <sup>1</sup> / <sub>2</sub> | 11 <sup>5</sup> / <sub>16</sub> | 11 <sup>3</sup> / <sub>4</sub> | 8 <sup>5</sup> / <sub>8</sub> | 5 | 7 <sup>3</sup> / <sub>4</sub> | 13 <sup>9</sup> / <sub>16</sub> | 6 <sup>3</sup> / <sub>16</sub>  | 6 <sup>5</sup> / <sub>8</sub>   | 7 <sup>3</sup> / <sub>4</sub>   | 24 <sup>3</sup> / <sub>4</sub> | 8 <sup>7</sup> / <sub>16</sub> | 1 <sup>5</sup> / <sub>8</sub> |

Dimensions 'j' and 'jj' are exposed portion of plug when engaged with receptacle.

4P