Aluminum, Single Phase
Mini Power Centers

Applications & Features .............................................................. 208
Features and Benefits ............................................................... 209
Single Phase Selection Tables ............................................... 210
Enclosure Dimensional Drawings ........................................... 235
Wiring Schematic Drawings .................................................... 256
HPS PowerPlus™ Mini Power Center

The Compact Economical Solution

The HPS PowerPlus™ is a convenient pre-wired power center that saves you time, money, and space. HPS PowerPlus combines a pre-wired primary and secondary main breaker, secondary power panel, and dry-type shielded transformer in a Type 3R enclosure.

It is ideal for applications such as in industrial locations, temporary power at construction sites, commercial buildings, test equipment, and plant assembly lines.
Features and Benefits

- Type 3R indoor/outdoor enclosure (optional 316 Stainless Steel enclosure available)
- 480 Primary, 120/240 Secondary
- Single Phase
- 60 Hz Frequency
- 5, 7.5, 10, 15, 25 kVA available
- Shielded transformer
- 180° insulation class
- 115° temperature rise
- Primary taps: 2 - 5% FCBN
- Meet NEMA, ANSI, & OSHA standards
- 15 year limited warranty on transformer
- 1 year limited warranty on Mini Power Center

Transformer: HPS shielded transformers are encapsulated for general purpose indoor or outdoor use within a variety of environments. An electrostatic shield is placed between the primary and secondary winding and grounded to reduce electrical interference and to provide additional protection.

Panel Assembly: The HPS PowerPlus assembly comes fully equipped with a primary & secondary main circuit breaker. It will hold up to 20 1-pole or 10 2-pole, one inch, common trip, duplex secondary branch circuit breakers (snap-in) and ground fault circuit breakers. Once you have established your branch circuit requirements, contact your local distributor to obtain your branch circuit breakers.

Connections: HPS PowerPlus accepts Aluminum or Copper conductors.

Protection: The transformer is protected by the primary main breaker, which handles high interrupting fault conditions. The N.E.C. requires a secondary breaker to be between the transformer and the panel.

Approvals: HPS PowerPlus™: UL USA LISTED
## HPS POWERPLUS™

### ALUMINUM WOUND, SINGLE PHASE
#### NEMA 3R STYLE ENCLOSURE

**480 Primary Volts**
**120/240 Secondary Volts**
**60 Hz**

<table>
<thead>
<tr>
<th>kVA</th>
<th>Catalog Number</th>
<th>Case Style (Pages 235 - 237)</th>
<th>Max. Secondary Circuits*</th>
<th>Approx. Dimensions (Inches)</th>
<th>Approx. Weight (Lbs.)</th>
<th>Mtg Type</th>
<th>Wiring Diagram (Pages 256 - 257)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>M1PC005LESF</td>
<td>PPE1</td>
<td>8 4</td>
<td>Width  Depth  Height</td>
<td>11.250   7.750  31.938</td>
<td>127</td>
<td>W SCD 49</td>
</tr>
<tr>
<td>7.5</td>
<td>M1PC007LESF</td>
<td>PPE2</td>
<td>8 4</td>
<td>13.875 11.125 31.938</td>
<td>201</td>
<td>W SCD 49</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>M1PC010LESF</td>
<td>PPE3</td>
<td>8 4</td>
<td>13.875 11.125 34.188</td>
<td>210</td>
<td>W SCD 49</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>M1PC015LESF</td>
<td>PPE4</td>
<td>12 6</td>
<td>15.125 12.500 34.188</td>
<td>291</td>
<td>W SCD 50</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>M1PC025LESF</td>
<td>PPE5</td>
<td>20 10</td>
<td>16.250 13.625 41.563</td>
<td>423</td>
<td>W SCD 51</td>
<td></td>
</tr>
</tbody>
</table>

*Please contact factory for exact number of secondary circuits available

**Contact factory for copper information**

### ALUMINUM WOUND, SINGLE PHASE
#### 316 STAINLESS STEEL ENCLOSURE

**480 Primary Volts**
**120/240 Secondary Volts**
**60 Hz**

<table>
<thead>
<tr>
<th>kVA</th>
<th>Catalog Number</th>
<th>Case Style (Pages 235 - 237)</th>
<th>Max. Secondary Circuits*</th>
<th>Approx. Dimensions (Inches)</th>
<th>Approx. Weight (Lbs.)</th>
<th>Mtg Type</th>
<th>Wiring Diagram (Pages 256 - 257)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>M1PC005LESF7</td>
<td>PPE1</td>
<td>8 4</td>
<td>Width  Depth  Height</td>
<td>11.250   7.750  31.938</td>
<td>127</td>
<td>W SCD 49</td>
</tr>
<tr>
<td>7.5</td>
<td>M1PC007LESF7</td>
<td>PPE2</td>
<td>8 4</td>
<td>13.875 11.125 31.938</td>
<td>201</td>
<td>W SCD 49</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>M1PC010LESF7</td>
<td>PPE3</td>
<td>8 4</td>
<td>13.875 11.125 34.188</td>
<td>210</td>
<td>W SCD 49</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>M1PC015LESF7</td>
<td>PPE4</td>
<td>12 6</td>
<td>15.125 12.500 34.188</td>
<td>291</td>
<td>W SCD 50</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>M1PC025LESF7</td>
<td>PPE5</td>
<td>20 10</td>
<td>16.250 13.625 41.563</td>
<td>423</td>
<td>W SCD 51</td>
<td></td>
</tr>
</tbody>
</table>

*Please contact factory for exact number of secondary circuits available

**Contact factory for copper information**