



SECTION 9

HPS POWERPLUS™ MINI POWER CENTERS

Aluminum, Single Phase Mini Power Centers

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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.



SECTION 9



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 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 US LISTED



ALUMINUM WOUND, SINGLE PHASE NEMA 3R STYLE ENCLOSURE



480 Primary Volts

120/240 Secondary Volts

60 Hz

| kVA | Catalog Number | Case Style (Pages 268 - 270) | Max. Secondary Circuits* | | Approx. Dimensions (Inches) | | | Approx. Weight (Lbs.) | Mtg Type W - Wall F - Floor | Wiring Diagram (Pages 289 - 290) |
|-----|--------------------|---------------------------------|--------------------------|-------------------|-----------------------------|--------|--------|-----------------------|-----------------------------------|-------------------------------------|
| | | | 120 V (1 Pole) | 240 V (2 Pole) | Width | Depth | Height | | | |
| 5 | M1PC005LESF | PPE1 | 8 | 4 | 11.250 | 7.750 | 31.938 | 127 | W | SCD 49 |
| 7.5 | M1PC007LESF | PPE2 | 8 | 4 | 13.875 | 11.125 | 31.938 | 201 | W | SCD 49 |
| 10 | M1PC010LESF | PPE3 | 8 | 4 | 13.875 | 11.125 | 34.188 | 210 | W | SCD 49 |
| 15 | M1PC015LESF | PPE4 | 12 | 6 | 15.125 | 12.500 | 34.188 | 291 | W | SCD 50 |
| 25 | M1PC025LESF | PPE5 | 20 | 10 | 16.250 | 13.625 | 41.563 | 423 | W | SCD 51 |

*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

| kVA | Catalog Number | Case Style (Pages 268 - 270) | Max. Secondary Circuits* | | Approx. Dimensions (Inches) | | | Approx. Weight (Lbs.) | Mtg Type W - Wall F - Floor | Wiring Diagram (Pages 289 - 290) |
|-----|---------------------|---------------------------------|--------------------------|-------------------|-----------------------------|--------|--------|-----------------------|-----------------------------------|-------------------------------------|
| | | | 120 V (1 Pole) | 240 V (2 Pole) | Width | Depth | Height | | | |
| 5 | M1PC005LESF7 | PPE1 | 8 | 4 | 11.250 | 7.750 | 31.938 | 127 | W | SCD 49 |
| 7.5 | M1PC007LESF7 | PPE2 | 8 | 4 | 13.875 | 11.125 | 31.938 | 201 | W | SCD 49 |
| 10 | M1PC010LESF7 | PPE3 | 8 | 4 | 13.875 | 11.125 | 34.188 | 210 | W | SCD 49 |
| 15 | M1PC015LESF7 | PPE4 | 12 | 6 | 15.125 | 12.500 | 34.188 | 291 | W | SCD 50 |
| 25 | M1PC025LESF7 | PPE5 | 20 | 10 | 16.250 | 13.625 | 41.563 | 423 | W | SCD 51 |

*Please contact factory for exact number of secondary circuits available

**Contact factory for copper information