

hammond  
POWER SOLUTIONS



# MINI POWER CENTERS



[hammondpowersolutions.com](http://hammondpowersolutions.com)

energizing our world

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# Mini Power Centers

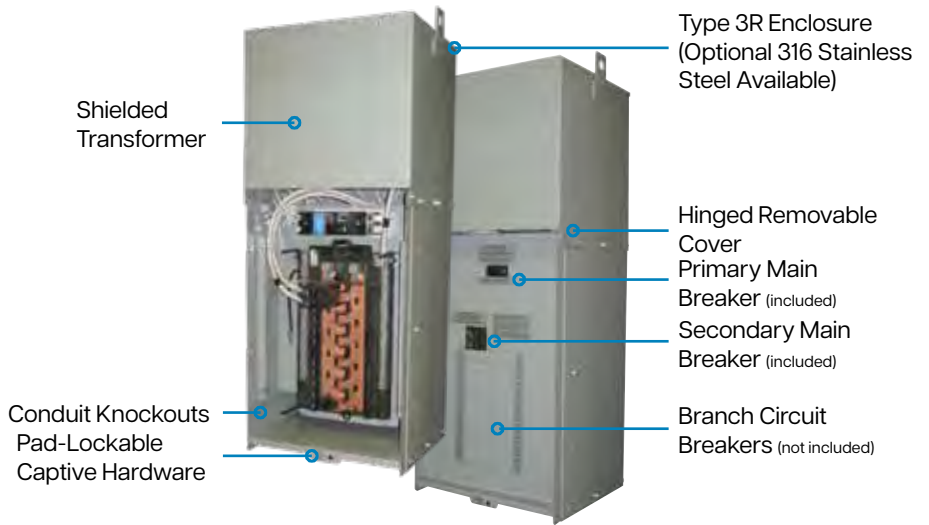
HPS Mini Power Centers are a convenient pre-wired power center that saves you time, money, and space. It combines a pre-wired primary and secondary breaker, secondary power panel, and dry-type shielded transformer in a Type 3R enclosure. Simply add the required branch circuit breakers and you effortlessly have a power center that is ready for indoor or outdoor use!

**Transformer:** This encapsulated transformer is designed for general purpose indoor or outdoor use where the grounded electrostatic shield will reduce electrical interference and enhance protection.

**Panel Assembly:** Equipped with a primary & secondary main circuit breaker that holds 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.

**Connections:** Accept 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.



## Features

- 480V Primary, 120/240V Secondary
- 600V Primary, 120/240V Secondary
- 180°C Insulation Class
- 115° C Temperature Rise
- Primary Taps: 2 - 5% FCBN
- Meets NEMA, ANSI, & OSHA Standards
- cUL US Listed
- 15 Year Limited Warranty on Transformer
- 1 Year Limited Warranty on Mini Power Center

## Applications



## Single Phase Aluminum Specifications



480 PRIMARY VOLTS      120/240 SECONDARY VOLTS      60 HZ

| kVA Rating | Catalog Number | Max. Secondary Circuits* |                | Overall Dimensions - Inches [mm] |                |                 | Weight Lbs. [kg] |
|------------|----------------|--------------------------|----------------|----------------------------------|----------------|-----------------|------------------|
|            |                | 120 V (1 Pole)           | 240 V (2 Pole) | Width                            | Depth          | Height          |                  |
| 5          | M1PC005LESF    | 8                        | 4              | 11.25 [285.75]                   | 7.75 [196.85]  | 31.94 [811.23]  | 127 [57]         |
| 7.5        | M1PC007LESF    | 8                        | 4              | 13.88 [352.43]                   | 11.13 [282.58] | 31.94 [811.23]  | 201 [91]         |
| 10         | M1PC010LESF    | 8                        | 4              | 13.88 [352.43]                   | 11.13 [282.58] | 34.19 [868.38]  | 210 [95]         |
| 15         | M1PC015LESF    | 12                       | 6              | 15.13 [384.18]                   | 12.50 [317.50] | 34.19 [868.38]  | 291 [131]        |
| 25         | M1PC025LESF    | 20                       | 10             | 16.25 [412.75]                   | 13.63 [346.08] | 41.56 [1055.71] | 423 [190]        |

600 PRIMARY VOLTS      120/240 SECONDARY VOLTS      60 HZ

| kVA Rating | Catalog Number | Max. Secondary Circuits* |                | Overall Dimensions - Inches [mm] |                |                 | Weight Lbs. [kg] |
|------------|----------------|--------------------------|----------------|----------------------------------|----------------|-----------------|------------------|
|            |                | 120 V (1 Pole)           | 240 V (2 Pole) | Width                            | Depth          | Height          |                  |
| 5          | M1PC005PESF    | 8                        | 4              | 11.25 [285.75]                   | 7.75 [196.85]  | 31.94 [811.23]  | 127 [57]         |
| 7.5        | M1PC007PESF    | 8                        | 4              | 13.88 [352.43]                   | 11.13 [282.58] | 31.94 [811.23]  | 201 [91]         |
| 10         | M1PC010PESF    | 8                        | 4              | 13.88 [352.43]                   | 11.13 [282.58] | 34.19 [868.38]  | 210 [95]         |
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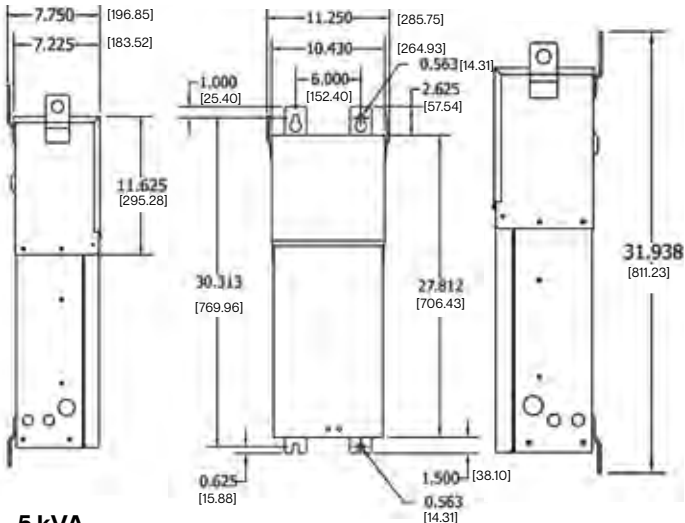
\*Please contact factory for exact number of secondary circuits available.

## Circuit Breaker Part Numbers

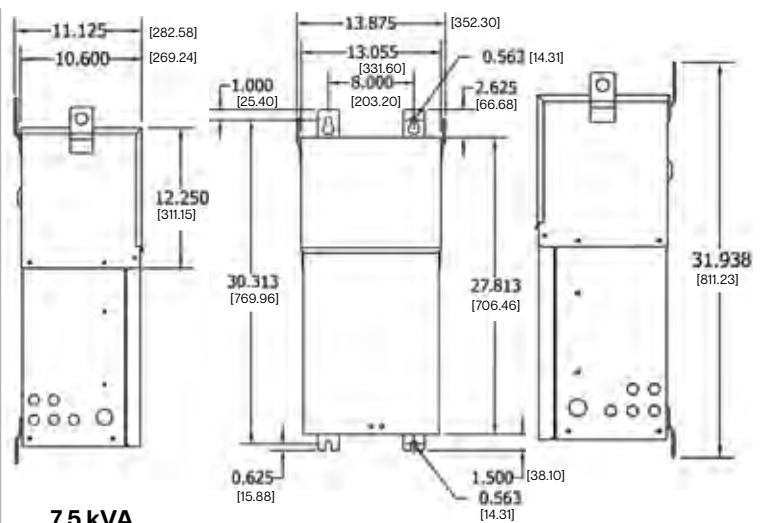
| kVA | Primary Breaker |          | Secondary Breaker | Max. Rating Secondary Breaker |
|-----|-----------------|----------|-------------------|-------------------------------|
|     | 480V            | 600V     |                   |                               |
| 5   | ED42B020        | ED62B020 | Q225              | 25                            |
| 7.5 | ED42B025        | ED62B025 | Q235              | 35                            |
| 10  | ED42B035        | ED62B035 | Q250              | 50                            |
| 15  | ED42B050        | ED62B040 | Q270              | 70                            |
| 25  | ED42B090        | ED62B050 | Q2110             | 110                           |

Secondary: 10,000 Amps RMS Symmetrical Interrupting Capacity. Primary: 18,000 Amps RMS Symmetrical Interrupting Capacity. Circuit Breakers listed above are Siemens part numbers. Breakers can be purchased from your local HPS Distributor.

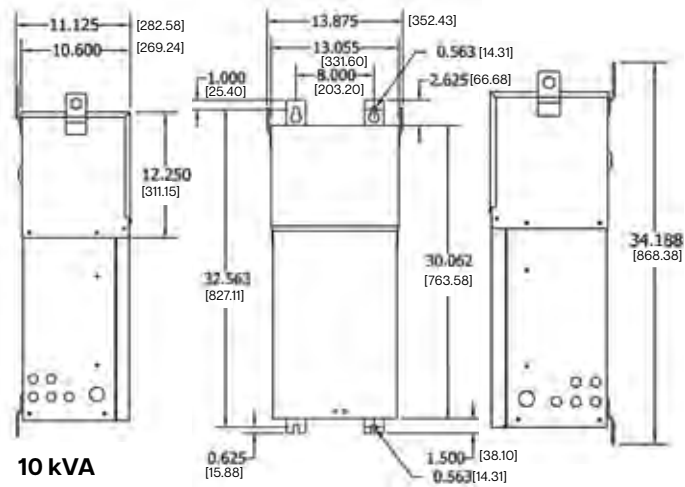
# HPS Mini Power Centers are your compact economical solution!



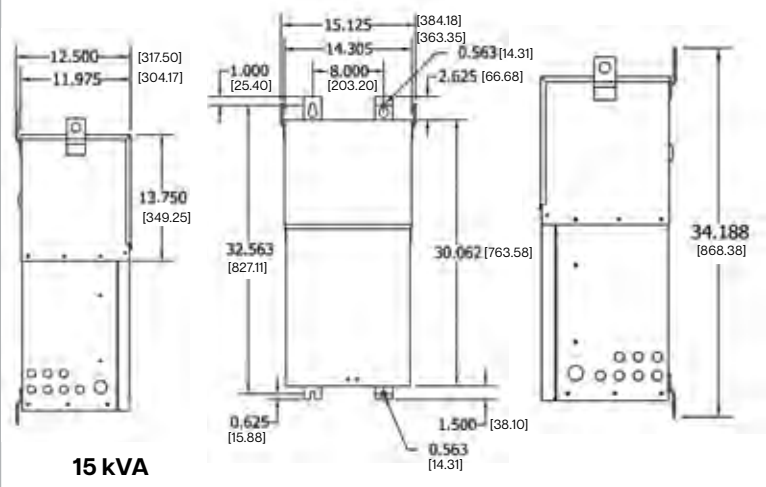
5 kVA



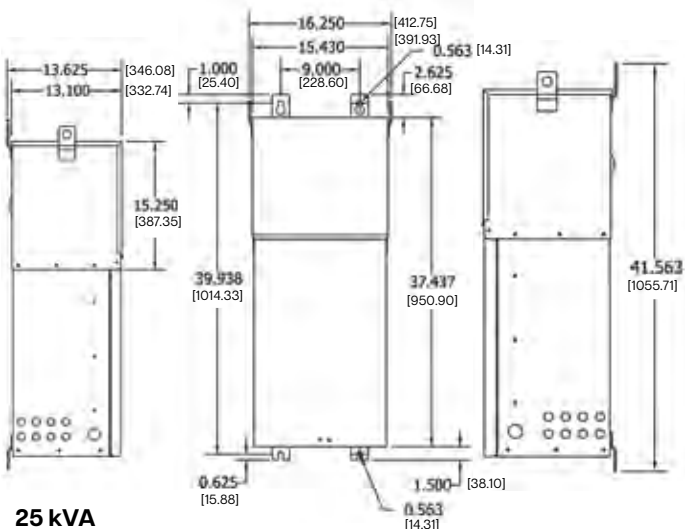
7.5 kVA



10 kVA



15 kVA



25 kVA

Dimensions in Inches [mm]



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POWESP-BBH2-EN  
March 2025

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