

hammond  
POWER SOLUTIONS



# MINI POWER CENTERS



## Mini Power Centers

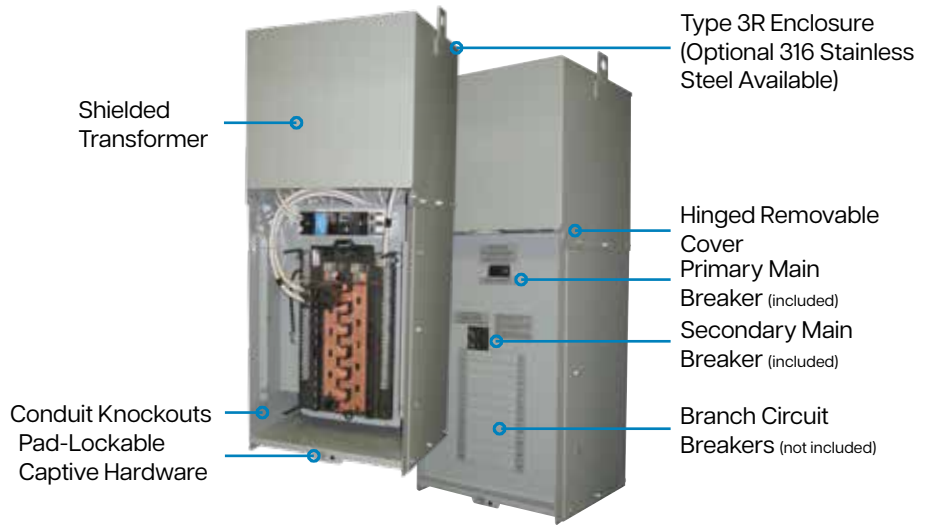
HPS Mini Power Centers are a convenient pre-wired power center that saves you time, money, and space. It combines a pre-wired primary and secondary breaker, secondary power panel, and dry-type shielded transformer in a Type 3R enclosure. Simply add the required branch circuit breakers and you effortlessly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



## Applications



## 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

## 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]
15	M1PC015PESF	12	6	15.13 [384.18]	12.50 [317.50]	34.19 [868.38]	291 [131]
25	M1PC025PESF	20	10	16.25 [412.75]	13.63 [346.08]	41.56 [1055.71]	423 [190]

\*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.

Technical drawing showing three vertical electrical components with dimensions in inches and millimeters.

**Component 1 (Left):**

- Top width: 7.750 [196.85]
- Top width: 7.225 [183.52]
- Height: 11.625 [295.28]

**Component 2 (Middle):**

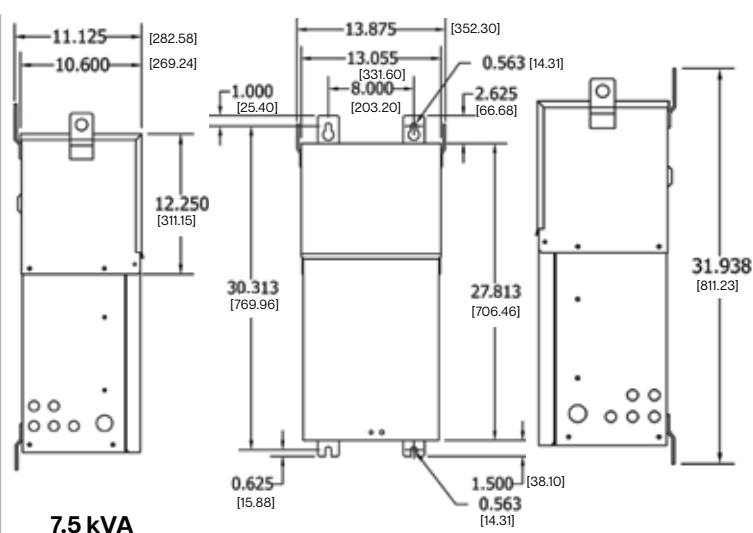
- Top width: 11.250 [285.75]
- Top width: 10.430 [265.35]
- Top width: 6.000 [152.40]
- Top width: 2.625 [67.31]
- Top width: 0.563 [14.31]
- Height: 30.313 [769.96]
- Height: 27.812 [706.43]
- Bottom width: 0.625 [15.88]
- Bottom width: 1.500 [38.10]
- Bottom width: 0.563 [14.31]

**Component 3 (Right):**

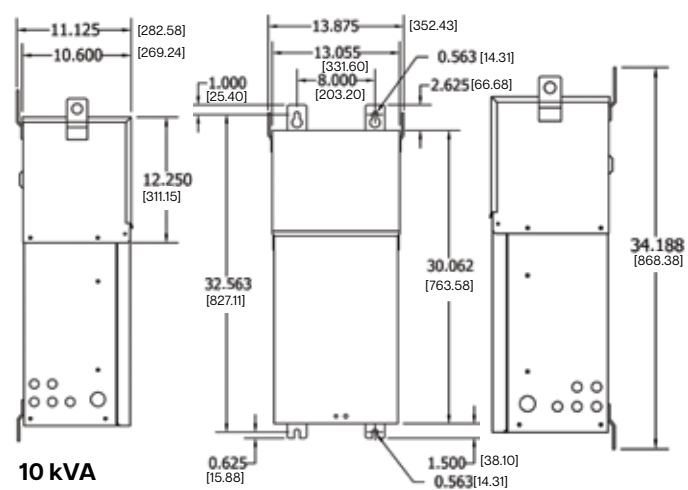
- Height: 31.938 [811.23]

**5 kVA**

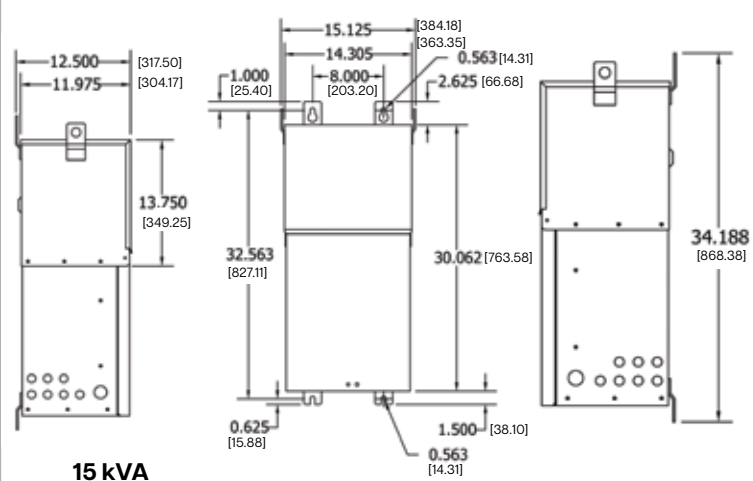
**5 kVA**



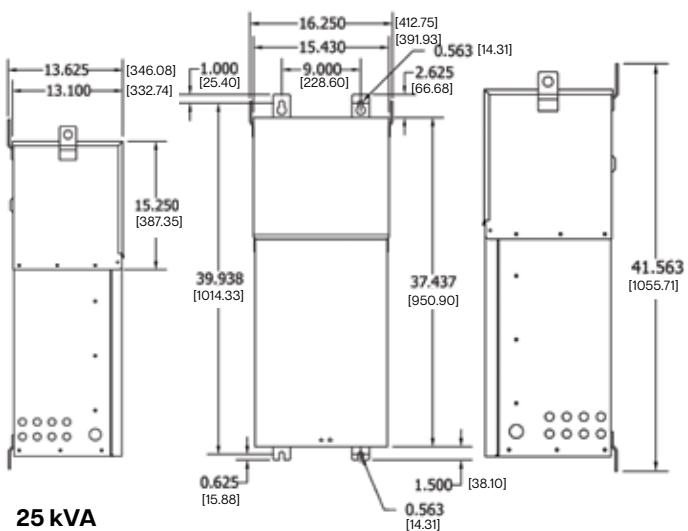
**7.5 kVA**



**10 kVA**



**15 kVA**



**25 kVA**

Dimensions in Inches [mm]





## CANADA

### Hammond Power Solutions

595 Southgate Drive  
Guelph, Ontario N1G 3W6  
Tel: (519) 822-2441 | Fax: (519) 822-9701  
Toll Free: 1-888-798-8882

[sales@hammondpowersolutions.com](mailto:sales@hammondpowersolutions.com)



## UNITED STATES

### Hammond Power Solutions

1100 Lake Street  
Baraboo, Wisconsin 53913-2866  
Tel: (608) 356-3921 | Fax: (608) 355-7623  
Toll Free: 1-866-705-4684

[sales@hammondpowersolutions.com](mailto:sales@hammondpowersolutions.com)



## MEXICO

### Hammond Power Solutions Latin America S.

Av. No. 800,  
Parque Industrial Guadalupe  
Guadalupe, NL, Mexico, C.P. 67190.  
Tel: (819) 690-8000

[sales@hammondpowersolutions.com](mailto:sales@hammondpowersolutions.com)



## ASIA

### Hammond Power Solutions Pvt. Ltd.

Plot No 6A, Phase -1, IDA,  
Pashamylaram, Patancheru (M)  
Sangareddy, 502 307, India  
Tel: +91-994-995-0009

[marketing-india@hammondpowersolutions.com](mailto:marketing-india@hammondpowersolutions.com)

## EMEA (SALES OFFICE)

### Hammond Power Solutions SpA

Tel: +49 (152) 08800468

[sales-emea@hammondpowersolutions.com](mailto:sales-emea@hammondpowersolutions.com)

