



HPS PowerPlus™

Mini Power Centers



Hammond
Power Solutions

HPS PowerPlus™

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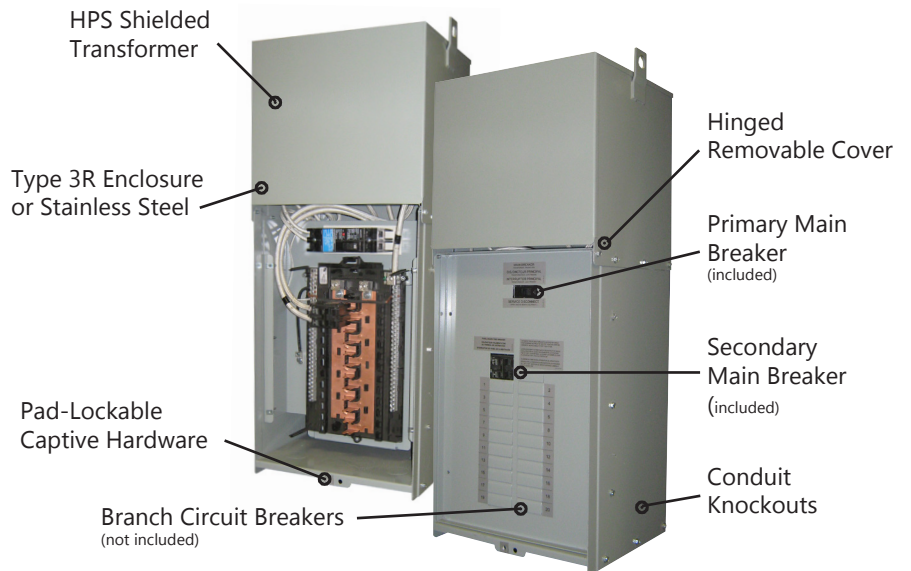
HPS PowerPlus™ is a convenient pre-wired power center that saves you time, money, and space. HPS PowerPlus™ combines a pre-wired primary and secondary breaker, secondary power panel, and dry-type shielded transformer in a Type 3R enclosure. Simply add the required branch circuit breakers and you effortlessly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

FEATURES

- Type 3R indoor/outdoor enclosure (optional 316 Stainless Steel enclosure available)
- 480 Primary, 120/240 Secondary
- 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

APPLICATIONS

- Industrial locations
- Temporary power at construction sites
- Commercial buildings
- Test equipment
- Plant assembly lines



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 conductor.

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™:



SINGLE PHASE ALUMINUM SPECIFICATIONS

480 Primary 120/240 Secondary



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	
Type 3R Enclosure							
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]
316 Stainless Steel Enclosure							
5	M1PC005LESF7	8	4	11.25 [285.75]	7.75 [196.85]	31.94 [811.23]	127 [57]
7.5	M1PC007LESF7	8	4	13.88 [352.43]	11.13 [282.58]	31.94 [811.23]	201 [91]
10	M1PC010LESF7	8	4	13.88 [352.43]	11.13 [282.58]	34.19 [868.38]	210 [95]
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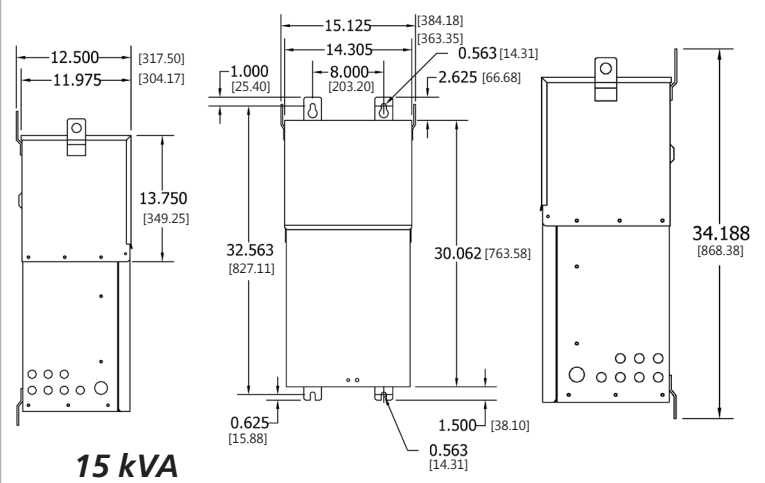
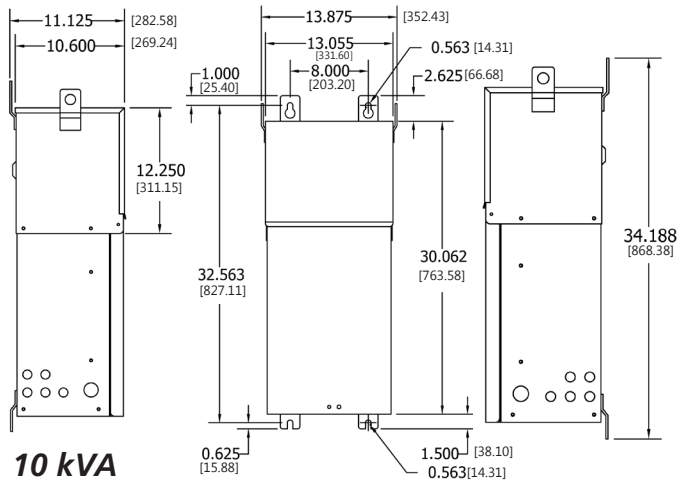
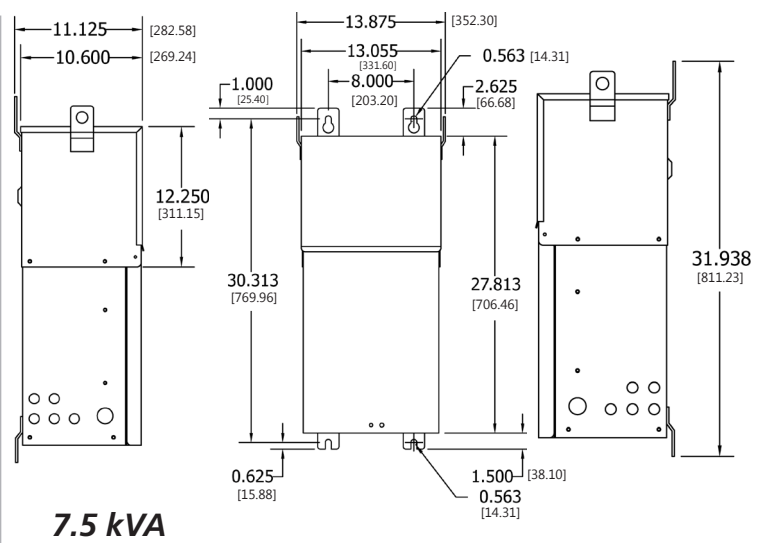
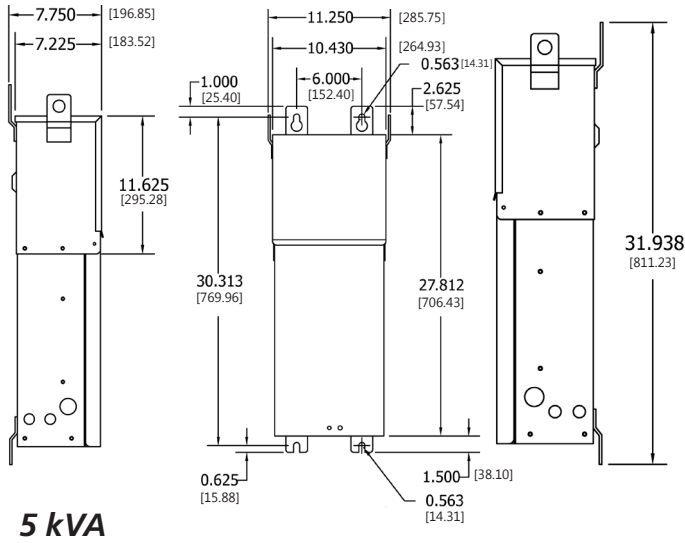
*Please contact factory for exact number of secondary circuits available.

Circuit Breaker Part Numbers

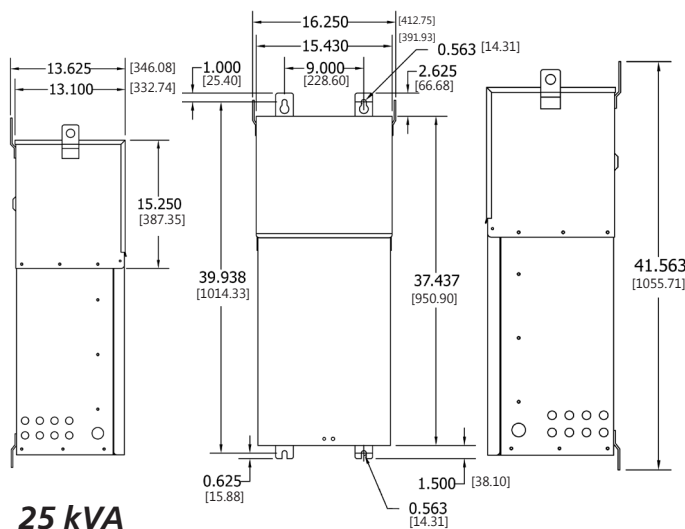
kVA	Primary Breaker	Secondary Breaker	Max. Rating Secondary Breaker
5	ED42B020	Q225	25
7.5	ED42B025	Q235	35
10	ED42B035	Q250	50
15	ED42B050	Q270	70
25	ED42B090	Q2110	110

Secondary: 10,000 Amps RMS Symmetrical Interrupting Capacity.
Primary: 18,000 Amps RMS Symmetrical Interrupting Capacity @ 480V. Circuit Breakers listed above are Siemens part numbers.
Breakers can be purchased from your local HPS Distributor.

HPS PowerPlus™ is your compact economical solution!



Dimensions in Inches [mm]





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