

MTPC-DRB-208.240-1P-10HP-3P

Smart Digital Phase Converter - 1PH to 3PH - 208/240 - 11 kVA - 10HP - Indoor Use - NEMA 1

Product ID: 147666

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MTPC-DRB-208.240-1P-10HP-3P Digital Phase Converter

Unit Type: Smart-Phase Digital Phase Converter
Phase Conversion: Single Phase to Three Phase
Horse Power: 10 HP (11 kVA 60 Hz)
Single Phase Voltage Input: 208-250V
Input Amp Range: 50-60
Fuse/Circuit Breaker Size: 50 (Minimum)/60 (Maximum)
Minimum Wire Input: 6 AWG
Idle Amps: 6.4
Three Phase Voltage Output: 208-250V
Output Amps: 28
Voltage Balance: 2-3%
Form Factor: Rectangular Enclosure, Cylindrical Idler w/ Four Legs
Dimensions: 18" X 18" X 8" (Enclosure)
Weight: 131 lbs
Color: Natural Gray

Ratings/Approvals

Indoor Use (NEMA 1)
Solid-state Performance
Start/Stop Push Button Switch
Phase Power Failure Protection
Accurate Voltage Balancing
Power Indicator Light
Made in the USA

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics MTPC-DRB-208.240-1P-10HP-3P digital phase converter is designed to convert single phase power to three phase power. This solid-state unit accepts a single phase input range of 208-250V and provides a three phase output range of 208-250V. Operators may use this smart phase converter to power machines that require

three phase power in locations where only single phase power is available.

The MTPC-DRB-208.240-1P-10HP-3P digital phase converter is suitable for electronically converting single phase power to three phase power at 208-250V (input/output). This 10HP (11 kVA) unit accepts a single phase input range of 208-250V and an input amp range of 50-60. After conversion, 208-250V three phase power is provided on the output side at 28 amps. The unit offers +/- 2-3% voltage balance, depending on the single phase input power.

This smart phase converter features a solid-state design for quiet and efficient operation when producing the third leg of power (with help from an induction generator). A microprocessor is used to regulate the output voltage for consistent performance. The unit comes with a start/stop push button switch for seamless activation. The power distribution blocks are oversized for easy installation in the preferred location. This unit supports complete phase power protection in the event of failure.

The MTPC-DRB-208.240-1P-10HP-3P is housed in a NEMA 1 enclosure, making it suitable for indoor environments. This level of protection allows the smart phase converter to withstand the ingress of solid objects, such as falling dirt.

Applications: Table saws, milling machines, drill presses, belt sanders, grinders, mixers, dust collectors, fans, air compressors, pumps and more.

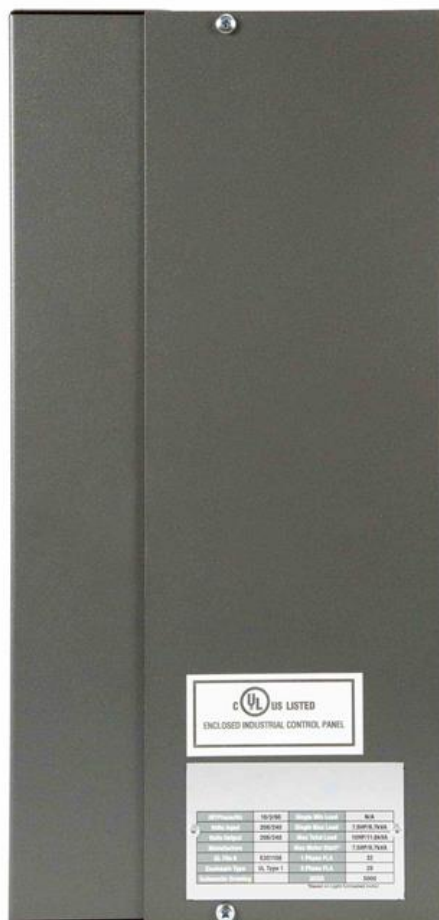
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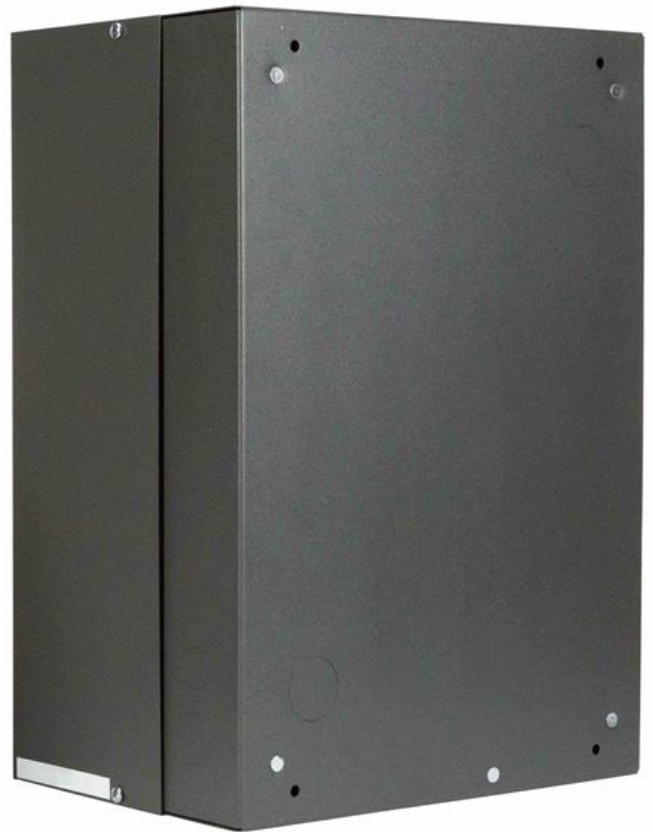


Frequently Asked Questions (FAQ)











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Export Control Classification Number (ECCN): EAR99

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