Larson Electronics LLC
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Phone: 800.369.6671

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Email: sales@LarsonElectronics.com
Fax: 903.498.3364

MTPC-HD-RB-120V-10HP-5HP-N1

Rotary Phase Converter for 5HP Hard Loads, 120V 1PH to 3PH, 13.1 Amps Output, 10HP Idler, NEMA 1

Product ID: 304671

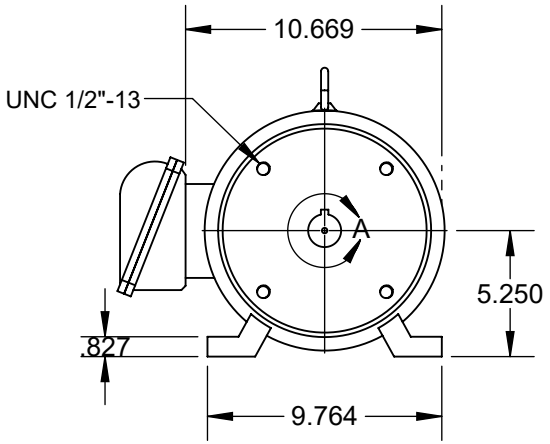


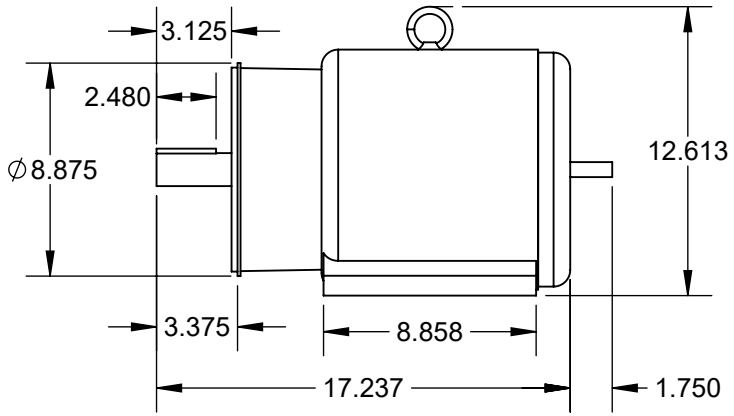
Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds 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.

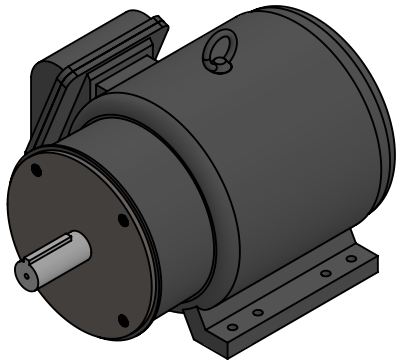
MTPC-HD-RB-120V-10HP-5HP-N1 Rotary Phase Converter
Unit Type: Rotary Phase Converter
Phase Conversion: Single Phase to Three Phase
Kilowatt Rating: 7.5 KW
Kilo Volt-Amp Rating: 10 KVA
Idle Motor Horse Power: 10 HP
Single Phase Voltage Input: 120V
Minimum Fuse/Circuit Breaker Size: 30
Maximum Fuse/Circuit Breaker Size: 60
Minimum Wire (Input) to Converter: 6 AWG
Minimum Electrical Service Required: 15 KVA
Idle Amps: -
Service Load Type: Hard motor loads
Three Phase Voltage Output: 120
Maximum Single Motor Load HP: 5 HP
Recommended Combined HP: 5 HP
Optimal Output Amps: 26.2 A
Maximum Output Amps: 53.2A
Maximum Resistive Amps: 28 A
Voltage Balance: 2-5%
Minimum Wire to Device Load: 8 AWG
Form Factor: Rectangular Enclosure, Cylindrical Idler w/ Four Legs
Color: Natural Gray
Control Box Weight: 35 Lbs
Control Box Dimensions: 12” x 12” x 8”
Motor Weight: -
Motor Dimensions: 18.99" x 13.47" x 12.61"
Shipping Weight: - lbs
Shipping Dimensions: -

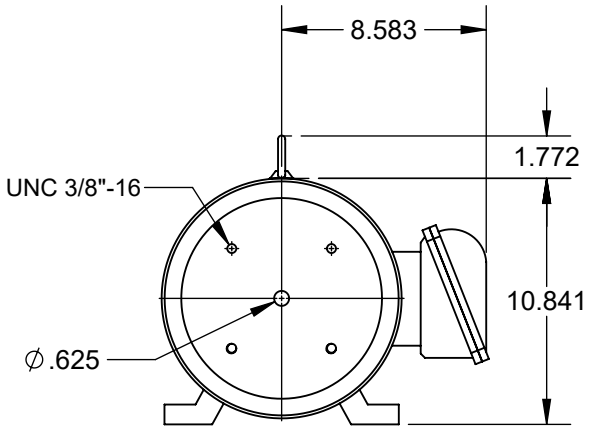
Ratings/Approvals
Indoor Use (NEMA 1)
Built-in Motor Starter
Start/Stop Push Button Switch
Accurate Voltage Balancing
Power Indicator Light
Made in the USA

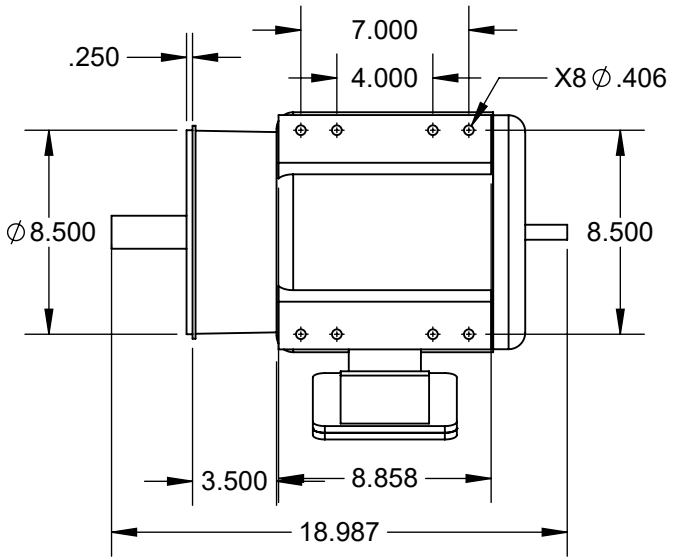
Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
ntl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

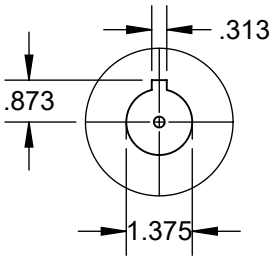












DETAIL A

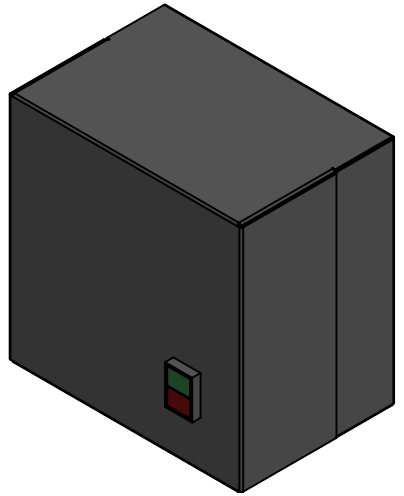
LARSON ELECTRONICS®

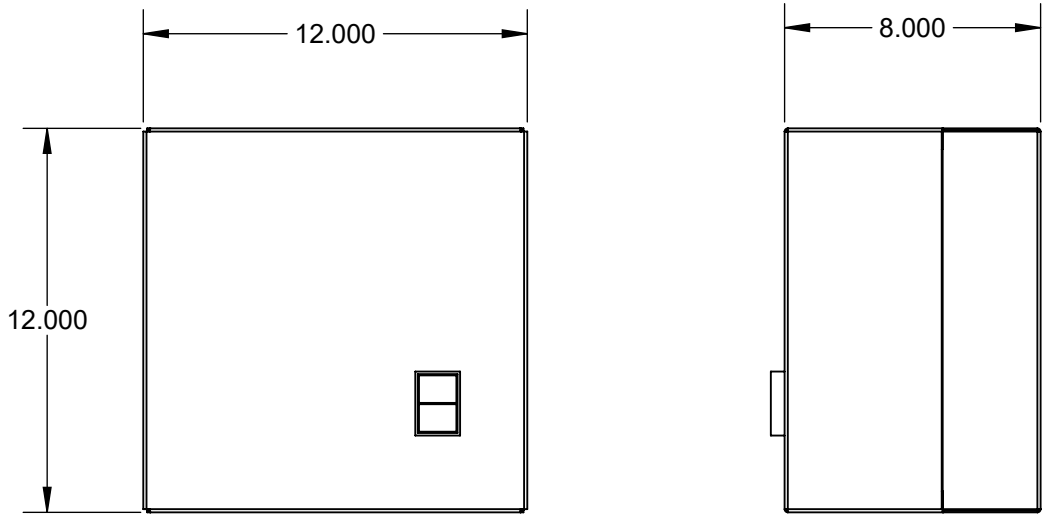
PART NUMBER:
MTPC-HD-RB-120V-10HP-5HP-N1

SIZE		REV
A		1

DIMENSIONS ARE IN INCHES				
DO NOT SCALE DRAWING	DATE	4/22/2025	SCALE: NTS	SHEET 1 OF 2

PROPRIETARY AND CONFIDENTIAL
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LARSON ELECTRONICS®

PART NUMBER:

MTPC-HD-RB-120V-10HP-5HP-N1-Control Box

SIZE		REV
A		1

DIMENSIONS ARE IN INCHES				
DO NOT SCALE DRAWING	DATE	4/22/2025	SCALE: NTS	SHEET 2 OF 2

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ELECTRONICS
A1
WARNING!


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LARSONELECTRONICS.COM
1-800-369-6671
sales@larsonelectronics.com
A1
CAUTION
ATTENTION
LARSON ELECTRONICS
CAT. NO. PCM 107-3
SPEC. 36N657L01151
HP 7.5
VOLTS 208-240
AMPS 21.5-20.7
R.P.M. 1800
FRAME 213TZ
HZ 60
PH 3
SER. F. 1.15
CODE
DES. D
CLASS B
NEMA NOM. EFF.
P.F.
RATING 40C AMB-CONT.
CC
USABLE AT 208V
BEARINGS DE 6205
ODE 6205
ENCL OPSB
SN F1808151125
Made in USA


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ELECTRONICS
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ON
OFF
American Made American Value
WARNING!
HIGH VOLTAGE!
Risk of electric shock.
Disconnect power and wait
one (1) minute before servicing.

Frequently Asked Questions (FAQ)