Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
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**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**

**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-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: -**

**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**

**Motor Dimensions: 18.99" x 13.47" x 12.61"**
**Shipping Weight: - lbs**
**Shipping Dimensions: -**

**ntl: 1-903-270-1187**
**Fax: 1-903-498-3364**
**E-mail: sales@larsonelectronics.com**

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# Frequently Asked Questions (FAQ)



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**Export Control Classification Number (ECCN):** EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**