



**Rotary Phase Converter - 1PH to 3PH - 440/480 (460V) - 30HP - NEMA 3 Starter Size**  
**MTPC-RB-440.480-1P-30HP-3P**

**Made in the USA**

**The Larson Electronics MTPC-RB-440.480-1P-30HP-3P rotary phase converter is designed to convert single phase power to three phase power. This unit accepts a single phase input range of 440-480V (460V) and provides a three phase output range of 440-480V (460V). Operators may use this 30-HP rotary phase converter to power machines that require three phase power in locations where only single phase power is available.**

The MTPC-RB-440.480-1P-30HP-3P rotary phase converter is suitable for converting single phase power to three phase power at 460V AC. This 30-HP unit accepts a single phase input range of 440-480V. After conversion, 440-480V three phase power is provided on the output side. The phase converter offers a starting amperage of 3 amps and an estimated idle current of 6 amps.

This rotary phase converter is protected by a metal housing and features a NEMA 3 starter size. The MTPC-RB-440.480-1P-30HP-3P is suitable for multiple speed requirements, resistive load applications and multiple motor operation. This unit does not contribute to radio or television interference.

**Rotary Sizing:**

For light/easy motor loads: Size rotary phase converter up one size above motor size.

For medium motor loads: Size rotary phase converter 1.5 times larger than motor size.

For heavy/hard motor loads: Size rotary phase converter double the size of motor load.

For very hard motor loads: Size rotary phase converter 2.5 times larger than the motor load.

For CNC, resistive and inductive loads: Size rotary phase converter double the size of load.

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

At Larson Electronics, we do more than meet your lighting and power distribution needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting or power distribution system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

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