

MT-ATX-3P.1P-480D-2.5KVA-277V-N3R

2.5 KVA Phase Converter Transformer - 480V AC Delta 3PH Primary, 277V 1PH Secondary - NEMA 3R - W/ Tap Changer

Product ID: 310894

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.

MT-ATX-3P.1P-480D-2.5KVA-277V-N3R Phase Converter Autotransformer

Transformer Type: Phase Converter Transformer (3-Phase to 1-Phase)

Frequency: 60 Hz

Capacity: 2.5 KVA

Primary Voltage: 480V AC

Primary Phase: Three Phase, Delta

Secondary Voltage: 277V

Secondary Phase: Single Phase

Vector Group: D-II6

Taps: 5-Position Tap Changer, (2) FCBN & (2) FCAN, 2.5%

Max Continuous Amperage Per Leg: -

Insulation: TBD

Temperature Rise: TBD

Impedance (Std): TBD

Primary Termination: Lugs

Secondary Termination: Lugs

Sound Level: Meets NEMA ST-20 Standards

Winding Material: Aluminum

Enclosure Material: NEMA Type 3R Heavy Duty Ventilated

Finish: ANSI 61 Grey, UL50 Finish

Mounting: Floor Mount

Dimensions: TBD

Weight: TBD

Ratings

Listed for United States and Canada

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The MT-ATX-3P.1P-480D-2.5KVA-277V-N3R Phase Converter Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the unit provides increased reliability, high efficiency and protection against critical equipment failures. The autotransformer does not provide isolation for the primary and secondary sides due to a shared winding configuration.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS

Transformer Features: With a transformer rating of 2.5 KVA, the MT-ATX-3P.1P-480D-2.5KVA-277V-N3R phase converter transformer features three-phase 480V AC Delta on the primary side and single-phase 277V on the secondary side. Featuring robust construction, this unit's cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology. This unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The Standard NEMA Type 3R enclosure makes the unit suitable for both indoor and outdoor applications and it can be floor mounted.

Benefits: The MT-ATX-3P.1P-480D-2.5KVA-277V-N3R autotransformer offers many benefits to the consumer. Precision cut aluminum transformer winding material help to improve performance. The close tolerances used during manufacturing also eliminates burrs which hinder performance. Each core is specially coated to prevent the ingress of moisture and are electrically balanced to minimize axial forces during short circuit situations.

This autotransformer provides owners with significant energy savings as well as offering environmental benefits. Higher efficiency not only extends the life of the transformer, but also turn into cost savings for owners in the form of lower energy bills and decreased cost of ownership. Integrated mounting brackets make installation fast and easy and the offset outward facing installation holes allow for easy power tool access.

Safety: The MT-ATX-3P.1P-480D-2.5KVA-277V-N3R is an autotransformer which means that it has the ability to adjust the supply voltage to match specific load requirements when load isolation from the supply line is not required. Autotransformers are typically used in distribution systems that require small voltage corrections during operation.

Please note that this autotransformer does NOT provide any form of isolation.

Applications: Situations that require a transformer to convert single-phase power to three-phase power.

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

Frequently Asked Questions (FAQ)

Export Control Classification Number (ECCN): EAR99

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