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MT-PMD-3P-12470D-750KVA-480Y.277-CU-N3R-LCK

750 kVA Pad Mount Transformer - 12470V Delta to 480Y/277 Wye-N - Copper - NEMA 3R - Locking Cabinet

Product ID: 149564

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-PMD-3P-12470D-750KVA-480Y.277-CU-N3R-LCK Transformer

Phase: Three Phase
Frequency: 60Hz
kVA: 750
Primary Voltage: 12470V Delta
Primary Connection: Delta
Primary BIL: 30kV
High Voltage Taps: 4 Taps of + 2% @ 2.5% & -2 @ 2.5%
Secondary Voltage: 480Y/277 Wye-N
Secondary Connection: Wye-N
Secondary BIL: 10kV
Winding Material: Copper
Electrostatic Shield: No
Insulation: 220°C
Temperature Rise: 150°C
Impedance (Std): 5.5% - 7.5%
Ambient Temp Rating: 40°C
K Factor: 1
Terminations: Stubs Up Cable Connected
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated
Finish: ANSI 61 Grey, UL50 Finish
Dimensions: 76.00"H x 78.00"W x 69.00"D
Weight: 6400 lbs

Ratings

Listed for United States and Canada
Dry Type
IP24 Rated
Class H
Rear Access
Built to ANSI/IEEE Standards
Locking Cabinet for Increased Security & Safety

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Mounting: Pad

The MT-PMD-3P-12470D-750KVA-480Y.277-CU-N3R-LCK 12470D 3 Phase Energy Efficient Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-PMD-3P-12470D-750KVA-480Y.277-CU-N3R-LCK provides increased reliablity and protection against critical equipment failures. The lower operating costs, lower heat emissions and lower cost of ownership make this transformer ideal for a wide range of applications and businesses.

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

Transformer Features: With a transformer rating of 750kVA, the MT-PMD-3P-12470D-750KVA-480Y.277-CU-N3R-LCK transformer is a three phase unit with a primary voltage of 12470V Delta. It also provides a secondary voltage of 480Y/277. 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 Type 3R enclosure makes the unit suitable for both indoor and outdoor applications and it can be floor mounted. The unit also features Class H 220°C insulation with a 150°C temperature rise and is rated IP24.

Benefits: The MT-PMD-3P-12470D-750KVA-480Y.277-CU-N3R-LCK general purpose transformer offers many benefits to the consumer. Precision cut copper 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 transformer 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 floor and wall mounting brackets make installation fast and easy and the offset outward facing floor installation holes allow for easy power tool access.

Security: The MT-PMD-3P-12470D-750KVA-480Y.277-CU-N3R-LCK features an additional level of security with a locking cabinet. The cabinet on this transformer features a lock that requires a key to open. This restricts access to the transformer so that only those who should be opening the transformer can do so. This increases both security and safety around the transformer.

Applications: General purposes.

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.

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Frequently Asked Questions (FAQ)

MT-PMD-3P-12470D-750KVA-480Y.277-CU-N3R-LCK

Product ID: 149564

Harmonized System (HS) Code: 85043300

Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**