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MT-DOE16-3P-400D-1250KVA-480Y.277-N3R-50HZ-TB-M1

1250 kVA Distribution Transformer - 400V Delta Primary - 480Y/277 Wye-N Secondary - 50/60Hz, Bus Bar - N3R

Product ID: 266451

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-DOE16-3P-400D-1250KVA-480Y.277-N3R-50HZ-TB-M1 Distribution Transformer

Transformer Type: Distribution
Phase: Three Phase
Frequency: 50/60 Hz
Vector Group: DY11
kVA: 1250
Primary Voltage: 400V Delta
Taps: -
Secondary Voltage: 480Y/277V Wye-N
Winding Material: Aluminum
Efficiency: DOE 2016 / NRCAN 2019 (Also Meets ON Reg. 404/12)
Insulation: 220°C
Temperature Rise: 150°C
Impedance (Std): 2.5 - 6.5%
Seismic: Yes
Sound Level: Meets NEMA ST-20 Standards
Bus Bar: Per Phase on Primary and Secondary Side - Copper
Bus Bar Connections: 12 LV Cable 1C x 240mm2 per Phase
Primary Termination: Front Accessible Terminals
Secondary Termination: Front Accessible Terminals
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated
Finish: ANSI 61 Grey Finish
Dimensions: 72"H x 68"W x 50"D
Weight: 8320 lbs

Ratings

NRTL Listed for United States and Canada
ANN Cooling
IP14 Rated
Distribution Transformer

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

Mounting: Floor Mount

E-mail: sales@larsonelectronics.com

The MT-DOE16-3P-400D-1250KVA-480Y.277-N3R-50HZ-TB-M1 480V Delta DY11 3 Phase Energy Efficient Distribution Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-DOE16-3P-400D-1250KVA-480Y.277-N3R-50HZ-TB-M1 provides increased reliability and protection against critical equipment failures. Equipped with a primary and secondary bus bar, 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 1250 kVA, the MT-DOE16-3P-400D-1250KVA-480Y.277-N3R-50HZ-TB-M1 distribution transformer is a three phase unit with a primary voltage of 400V Delta. It also provides a secondary voltage of 480Y/277V Wye-N. Featuring robust construction, this unit`s cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology. The industrial transformer features a copper bus bar per phase on the primary and secondary side. The bus bar enables 12 LV cable 1C x 240mm2 per phase connections.

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. The unit also features 220°C insulation with a 150°C temperature rise and is rated IP14.

Benefits: The MT-DOE16-3P-400D-1250KVA-480Y.277-N3R-50HZ-TB-M1 distribution transformer 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 distribution 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 mounting brackets make installation fast and easy and the offset outward facing installation holes allow for easy power tool access.

Safety: The MT-DOE16-3P-400D-1250KVA-480Y.277-N3R-50HZ-TB-M1 is a distribution transformer which means that it provides operators with an increased level of protection against electric shock. A distribution transformer can also suppress electrical noise in sensitive devices and transfer power between two circuits which must not be connected. The MT-DOE16-3P-400D-1250KVA-480Y.277-N3R-50HZ-TB-M1 achieves these safety features by separating or "isolating" the powered device from the power source and insulation between the primary and secondary power sources.

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)

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X1
H1
X2
H2
X3
H3
H4
X0

MT-DOE16-3P-400D-1250KVA-480Y.277-N3R-50HZ-TB-M1

Product ID: 266451

Harmonized System (HS) Code: 85043300

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**