Larson Electronics LLC
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MT-DOE16-3P-480D-45KVA-220Y.127-IP55

45 kVA Distribution Transformer - 480V Delta Primary - 220Y/127 Wye-N Secondary - IP55

Product ID: 338281

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).

Image: MT-DOE16-3P-480D-45KVA-220Y.127-IP55

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-480D-45KVA-220Y.127-IP55 Distribution Transformer

Transformer Type: Distribution
Phase: Three Phase
Frequency: 60 Hz
Vector Group: DY11
kVA: 45
Primary Voltage: 480 V Delta
Taps: -
Secondary Voltage: 220Y/127 V Wye-N
Winding Material: Aluminum
Insulation: 220°C
Temperature Rise: 150°C
Impedance (Std): -
Seismic: Yes
Sound Level: Meets NEMA ST-20 Standards
Primary Termination: -
Secondary Termination: -
Enclosure Material: IP55 Rated Steel Enclosure, Gasketed Construction
Finish: ANSI 61 Grey, UL50 Finish
Dimensions: 46.00"H x 24.00"W x 18.00"D
Weight: 570 lb
Mounting: Floor Mount

Ratings

UL Listed (United States & Canada)
ANN Cooling
IP55 Rated
Distribution Transformer

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail:

The MT-DOE16-3P-480D-45KVA-220Y.127-IP55 480V Delta 3-Phase DY11 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-480D-45KVA-220Y.127-IP55 provides increased reliability and protection against critical equipment failures. Lower operating costs, reduced heat emissions, and a lower total cost of ownership make this transformer ideal for a wide range of commercial, industrial, and utility applications.

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

Transformer Features: With a transformer rating of 45 kVA, the MT-DOE16-3P-480D-45KVA-220Y.127-IP55 distribution transformer is a three phase unit with a primary voltage of 480 V Delta. It also provides a secondary voltage of 220Y/127 V 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.

This unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions reduce cooling requirements and operating expenses. The transformer is housed in a rugged IP55-rated steel enclosure suitable for indoor and outdoor installations and is designed for floor-mounted operation. The unit features 220°C insulation with a 150°C temperature rise, aluminum windings, and a 480V Delta primary to 220Y/127V Wye-N secondary configuration with a DY11 vector group.

Benefits: The MT-DOE16-3P-480D-45KVA-220Y.127-IP55 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-480D-45KVA-220Y.127-IP55 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-480D-45KVA-220Y.127-IP55 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)

There are no Faqs

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