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MT-DOE16-3P-480D-30KVA-208Y.120-N3R-CU-ES-K13

30 kVA Isolation Transformer - 480V Delta Primary - 208Y/120 Wye-N Secondary - NEMA 3R - Copper - W/ Electrostatic Shield - K-13

Product ID: 313177



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-30KVA-208Y.120-N3R-CU-ES-K13 Isolation Transformer

Phase: Three Phase
Frequency: 60 Hz
Capacity: 30 KVA
Primary Voltage: 480V Delta
Tap Changer: 5-Position De-Energized Tap Changer
Tap Qty: (2) FCAN Above Taps, (2) FCBN Below Taps
Tap %: 2.5% Taps
Secondary Voltage: 208Y/120 Wye-N
Winding Material: Copper
Insulation: 220°C
Temperature Rise: 115°C
Impedance (Std): 2.9%
K-Factor (Harmonic Mitigation Rating): K-13
Capacitance Between Primary and Secondary Windings: 33 pF
Seismic: Yes
Sound Level: 45 dBA, Meets NEMA ST-20 Standards
Electrostatic Shield: Included, On Each Winding Independently, Single, Full-Width Copper
Primary Termination: Terminal Lugs
Secondary Termination: Terminal Lugs
Grounding Pads: Included, Copper Faced
Core Material: Grain Oriented Silicon Steel
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated
Finish: ANSI 61 Grey, UL50 Finish
Dimensions: -
Weight: -

Ratings

Listed for United States and Canada
ANN Cooling
NEMA 3R Rated
Isolation Transformer

Special Orders - Special Requirements

Contact us for special requirements
Fax: 1-903-498-3364
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

The MT-DOE16-3P-480D-30KVA-208Y.120-N3R-CU-ES-K13 30 KVA 3 Phase Energy Efficient Isolation 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-30KVA-208Y.120-N3R-CU-ES-K13 provides increased reliability 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 30 kVA, the MT-DOE16-3P-480D-30KVA-208Y.120-N3R-CU-ES-K13 isolation transformer is a three phase unit with a primary voltage of 480V Delta. It also provides a secondary voltage of 208Y/120 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 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 wall mounted. The unit also features 220°C insulation with a 115°C temperature rise.

Benefits: The MT-DOE16-3P-480D-30KVA-208Y.120-N3R-CU-ES-K13 isolation 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 isolation 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 wall 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-30KVA-208Y.120-N3R-CU-ES-K13 is an isolation transformer which means that it provides operators with an increased level of protection against electric shock. An isolation 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-30KVA-208Y.120-N3R-CU-ES-K13 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)