

30 kVA Isolation Transformer - 480V Delta Primary - 400Y/231 Wye-N Secondary - NEMA 3R - 60 Amp Fused Disconnect
MT-K4-480D-30KVA-400Y.231-N3R-FDS.60A.TD



MT-K4-480D-30KVA-400Y.231-N3R-FDS.60A.TD Isolation Transformer

Transformer Type: Isolation
Phase: Three Phase
Frequency: 60 Hz
Vector Group: DY11
K Factor: 4
kVA: 30
Primary Voltage: 480 V Delta
Primary Disconnect: 60 A Fused @ 60 Amps N3R
Fuses: Time Delay Fuses
Taps: 2 x 2.5% FCAN; 4 x 2.5% FCBN
Secondary Voltage: 400Y/231 V Wye-N
Winding Material: Aluminum
Efficiency: 98.23%
Insulation: 220°C
Temperature Rise: 150°C
Impedance: -
Seismic: Yes
Sound Level: Meets NEMA ST-20 Standards
Primary Termination: -
Secondary Termination: -
Enclosure Material: NEMA Type 1
Finish: ANSI 61 Grey, UL50 Finish
Dimensions: 25.50"H x 24.39"W x 19.37"D
Weight: 365 lb
Mounting: Floor Mount

Ratings

Listed for United States and Canada
ANN Cooling
IP24 Rated
UL 1562
C22.2 No. 47
Meets or Exceeds U.S. DOE 10 CFR Part 431

Special Orders- Requirements

Contact us for special requirements
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The MT-K4-480D-30KVA-400Y.231-N3R-FDS.60A.TD 480 V Delta DY11 3 Phase Energy Efficient Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for indoor applications, the MT-K4-480D-30KVA-400Y.231-N3R-FDS.60A.TD 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. The MT-K4-480D-30KVA-400Y.231-N3R-FDS.60A.TD also features a primary disconnect fused at 60 amps with time delay fuses and a NEMA 3R weatherproof rating.

****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-K4-480D-30KVA-400Y.231-N3R-FDS.60A.TD isolation transformer is a three phase unit with a primary voltage of 480 V Delta. It also provides a secondary voltage of 400Y/231 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 mean less cooling is needed as well. The Standard NEMA Type 1 enclosure makes the unit suitable for indoor applications and it can be floor mounted. The unit also features 220°C insulation with a 150°C temperature rise and is rated IP24.

Benefits: The MT-K4-480D-30KVA-400Y.231-N3R-FDS.60A.TD isolation 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 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 mounting brackets make installation fast and easy and the offset outward facing installation holes allow for easy power tool access.

Safety: The MT-K4-480D-30KVA-400Y.231-N3R-FDS.60A.TD is a isolation transformer which means that it provides operators with an increased level of protection against electric shock. A isolation transformer can also suppress electrical noise in sensitive devices and transfer power between two circuits which must not be connected. The MT-K4-480D-30KVA-400Y.231-N3R-FDS.60A.TD 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 isolation 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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