

30 kVA Isolation Transformer - 240V Delta Primary - High Leg 440V Delta Secondary - N3R

Part #: MT-DOE16-3P-240D-30KVA-440D-N3R



The MT-DOE16-3P-240D-30KVA-440D-N3R 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-240D-30KVA-440D-N3R provides increased reliability, protection against critical equipment failures and an extra level of protection by isolating the power source from the connected device. The lower operating costs, lower heat emissions and lower cost of ownership make this transformer ideal for a wide range of applications and businesses.

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Transformer Features: With a transformer rating of 30 kVA, the MT-DOE16-3P-240D-30KVA-440D-N3R isolation transformer is a three phase unit with an input voltage of 240V Delta. It also provides an output voltage of High Leg 440V Delta. 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 either floor or wall mounted. The unit also features a 220°C insulation with a 150°C temperature rise.

Benefits: The MT-DOE16-3P-240D-30KVA-440D-N3R general purpose 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 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.

Safety: The MT-DOE16-3P-240D-30KVA-440D-N3R 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-240D-30KVA-440D-N3R 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: Power supplies for sensitive equipment such as computers, medical devices or laboratory instruments.

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.

Specifications / Additional Information

MT-DOE16-3P-240D-30KVA-440D-N3R Isolation Transformer

Phase: Three Phase

Frequency: 60 Hz

kVA: 30

Primary Voltage: 240V Delta

Primary Configuration: Delta

Secondary Voltage: High Leg 440V Delta

Secondary Configuration: Delta

Reverse Connectible: Yes

Winding Material: Aluminum

Connection Type: Lugs/ Bolt-down Terminals

Cooling: Air/Dry

Construction Type: Enclosed - Ventilated Core & Coil

Ratings

Listing: UL Listed

CSA Certified

Isolation Transformer

Insulation: 220°C

Temperature Rise: 150°C

Sound Level: Meets NEMA ST-20 Standards

Enclosure Material: NEMA Type 3R Heavy Duty Ventilated

Finish: ANSI 61 Grey, UL50 Finish

Dimensions: 25"L x 23.9"W x 29.75"H

Weight: 280 lb

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Special Orders- Requirements

Contact us for special requirements

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Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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