

75 kVA Isolation Transformer - 480V Delta Primary - 480Y/277 Wye Secondary - NEMA 3R

Part #: [MT-DOE16-3P-480D-75KVA-480Y.277-N3R](#)



The MT-DOE16-3P-480D-75KVA-480Y.277-N3R 480V Delta 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-75KVA-480Y.277-N3R 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.

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Transformer Features: With a transformer rating of 75kVA, the MT-DOE16-3P-480D-75KVA-480Y.277-N3R isolation transformer is a three phase unit with a primary voltage of 480V Delta. It also provides a secondary voltage of 480Y/277 Wye. 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 floor mounted. The unit also features 220°C insulation with a 150°C temperature rise and is rated IP24.

Benefits: The MT-DOE16-3P-480D-75KVA-480Y.277-N3R 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 floor 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-480D-75KVA-480Y.277-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-480D-75KVA-480Y.277-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: 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.

Specifications / Additional Information

<u>MT-DOE16-3P-480D-75KVA-480Y.277-N3R Isolation Transformer</u>	<u>Ratings</u>
Phase: Three Phase	Listed for United States and Canada
Frequency: 60Hz	ANN Cooling
kVA: 75	IP24 Rated
Primary Voltage: 480V Delta	Isolation Transformer
Taps: 2 - 2.5% FCAN; 4 - 2.5% FCBN	
Secondary Voltage: 480Y/277 Wye	
Winding Material: Aluminum	
Insulation: 220°C	
Temperature Rise: 150°C	
Impedance (Std): -	
Minimum Efficiency (35%): 98.60%	
Seismic: Yes	
Sound Level: Meets NEMA ST-20 Standards	
Primary Termination: -	

Secondary Termination: -

Enclosure Material: NEMA Type 3R Heavy Duty Ventilated

Finish: ANSI 61 Grey, UL50 Finish

Dimensions: 32.00"H x 27.00"W x 26.00"D

Weight: 585 lbs

Mounting: Floor Mount

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-214-616-6180

E-mail: sales@larsonelectronics.com

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