

25 kVA 1PH DOE Efficiency Transformer, 480V Primary, 120V Secondary, NEMA 3R, Ventilated, 60 Hz

MT-DOE16-1P-480V-25KVA-120V-N3R



MT-DOE16-1P-480V-25KVA-120V-N3R Isolation Transformer

Phase: Single Phase
Frequency: 60 Hz
kVA: 25
Primary Voltage: 480 V
Primary FCAN: None
Primary FCBN: None
Secondary Voltage: 120 V
Winding Material: Aluminum
Efficiency: 0.9822
No Load Losses: 145W
Full Load Losses: 821W
Regulation @ 100% PF: 0.0365
Insulation: 220 \AA $^{\circ}$ C
Temperature Rise: 150 \AA $^{\circ}$ C
Impedance (Std): -
Seismic Zone: Zone 4
Sound Level: Meets NEMA ST-20 Standards
Primary Termination: Front Accessible Terminals
Secondary Termination: Front Accessible Terminals
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated
Finish: ANSI 61 Grey, UL50 Finish
Dimensions: 25.5"H x 24.39"W x 25.37"D
Weight: 280 lb
Shipping Dimensions: 33.5"H x 48"W x 48"D
Shipping Weight: 345 lb
Mounting: Floor Mount

Ratings

Listed for United States and Canada
ANN Cooling
IP14 Rated
Isolation Transformer
DOE 2016 / NRCAN 2019 (Also Meets ON Reg. 404/12)
C22.2 No. 47
UL 506

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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The MT-DOE16-1P-480V-25KVA-120V-N3R 480 V 1 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-DOE16-1P-480V-25KVA-120V-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.

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

Transformer Features: With a transformer rating of 25 kVA, the MT-DOE16-1P-480V-25KVA-120V-N3R transformer is a single phase unit with a primary voltage of 480 V. It also provides a secondary voltage of 120 V. 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 220Å°C insulation with a 150Å°C temperature rise and is rated IP14. These units are also available in NEMA 2, NEMA 4, and NEMA 4X configurations. Please email Larson Electronics at sales@larsonelectronics.com for more information.

Benefits: The MT-DOE16-1P-480V-25KVA-120V-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 mounting brackets make installation fast and easy and the offset outward facing floor installation holes allow for easy power tool access.

Safety: The MT-DOE16-1P-480V-25KVA-120V-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-DOE16-1P-480V-25KVA-120V-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.

Warranty: 6 Months

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