

**7.5 kVA Isolation Transformer - 120V Primary - 240V Split Phase Secondary - NEMA 3R - 1 Phase
- Fully Potted / Encapsulated**
MT-DOE16-1P-120V-7.5KVA-240V-N3R



MT-DOE16-1P-120V-7.5KVA-240V-N3R Fully Potted Isolation Transformer

Phase: Single Phase
Frequency: 60 Hz
kVA: 7.5
Primary Voltage: 120 V
Secondary Voltage: 240 V
Taps: 2 x 2.5% FCAN; 2 x 2.5% FCBN
Impedance: -
Winding Material: Aluminum
Primary Termination (Std): -
Secondary Termination (Std): -
Mounting: Wall
Cooling: Air/Dry
Insulation: 180°C
Temperature Rise: 115°C
Sound Level: Meets NEMA ST-20 Standards
Enclosure Material: NEMA Type 3R Heavy Duty - Steel
Finish: ANSI 61 Grey, UL50 Finish
Dimensions: 15.19"H x 13.50"W x 10.84"D
Weight: 115 lb
Shipping Weight: 175 lb
Shipping Dimensions: 48" x 48" x 24"

Approvals/Ratings

Listing: UL Listed
CSA Certified
Isolation Transformer
Fully Potted
C22.2 No. 47
UL 506

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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E-mail: sales@larsonelectronics.com

The MT-DOE16-1P-120V-7.5KVA-240V-N3R 240 V 1 Phase Energy Efficient Fully Potted 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-120V-7.5KVA-240V-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 7.5 kVA, the MT-DOE16-1P-120V-7.5KVA-240V-N3R transformer is a fully potted single phase unit with a primary voltage of 120 V. It also provides a secondary voltage of 240 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 fully potted 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 wall mounted. The unit also features 180°C insulation with a 115°C temperature rise.

Benefits: The MT-DOE16-1P-120V-7.5KVA-240V-N3R fully potted 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 fully potted 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.

Safety: The MT-DOE16-1P-120V-7.5KVA-240V-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-120V-7.5KVA-240V-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.

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