

MT-DOE16-1P-380V-30KVA-220.110V-N3R

30 kVA Isolation Transformer - 380V Primary - 220/110V Secondary - NEMA 3R - 60Hz - Single Phase

Product ID: 153960

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

1MT-DOE16-1P-380V-30KVA-220.110V-N3R Isolation Transformer

1Phase:1 Single Phase
1Frequency:1 60 Hz
1kVA:1 30
1Primary Voltage:1 380 V
1Secondary Voltage:1 Split Phase 220/110 V
1Taps:1 2 - 2.5% FCAN; 4 - 2.5%
1Impedance:1 4% x 5%
141Efficiency:1 DOE 2016 / NRCAN 2019 (Also Meets ON Reg. 404/12)
141Winding Material:1 Aluminum
141Primary Termination (Std):1 Terminal Lugs
141Secondary Termination (Std):1 Terminal Lugs
141Mounting:1 Floor or Wall
141Cooling:1 Air/Dry
141Insulation:1 220°C
141Temperature Rise:1 150°C
141Sound Level:1 Meets NEMA ST-20 Standards
141Enclosure Material:1 NEMA Type 3R Heavy Duty Ventilated - Steel
141Finish:1 ANSI 61 Grey, UL50 Finish
141Dimensions:1 32.00"H x 27.00"W x 26.00"D

1Approvals/Ratings

1Listing: UL Listed
1CSA Certified
1Isolation Transformer

1Special Orders - Special Requirements

1Contact us for special requirements
1Toll Free: 11-800-369-6671
1Intl:1 1-903-270-1187

141Weight: 1 400 lb

1E-mail: [1sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

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The MT-DOE16-1P-380V-30KVA-220.110V-N3R 380 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-380V-30KVA-220.110V-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 30kVA, the MT-DOE16-1P-380V-30KVA-220.110V-N3R isolation transformer is a single phase unit with a primary voltage of 380 V. It also provides a split phase secondary voltage of 220/110 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 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 220° insulation with a 150°C temperature rise.

Benefits: The MT-DOE16-1P-380V-30KVA-220.110V-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 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 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-DOE16-1P-380V-30KVA-220.110V-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-380V-30KVA-220.110V-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.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message [2sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

Frequently Asked Questions (FAQ)









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Product ID: 153960

Harmonized System (HS) Code: 85043300

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

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- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)