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MT-ISX-FP-1P-240V-5KVA-120.240V-SS-N4X

5 kVA Isolation Transformer, 240V (L-N) Primary, 120/240V (L-N-L) Secondary, 1 Phase, Fully Potted/Encapsulated, NEMA 4X, Ventilated, 60 Hz, Marine Duty

Product ID: 337938



Image: MT-ISX-FP-1P-240V-5KVA-120.240V-SS-N4X

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.

MT-ISX-FP-1P-240V-5KVA-120.240V-SS-N4X Isolation Transformer

Phase: Single Phase
Frequency: 50/60 Hz
Capacity: 5 kVA
Primary Voltage: 240V (L-N)
Primary Connection: Series (V)
Primary FCAN: 2 x 2.5%
Primary FCBN: 4 x 2.5%
Secondary Voltage: 120/240V (L-N-L)
Secondary Connection: Series (V)
Winding Material: Aluminum
Efficiency: No Efficiency Specification
Insulation: 180°C
Temperature Rise: 115°C
Temperature Class: T3A
Impedance (Std): -
Seismic Zone: Zone 4
Sound Level: 45 dBA (ST-20)
Primary Termination: Wire Leads
Secondary Termination: Wire Leads
Enclosure Material: NEMA Type 4X Heavy Duty Ventilated, Stainless Steel
Finish: ANSI 61 Grey Finish
Dimensions: 15.19"-H x 13.50"-W x 10.84"-D
Weight: 125 lbs
Mounting: Wall

Ratings

NRTL Listed for United States and Canada
ANN Cooling
NEMA 4X Outdoor Rated, Stainless Steel
Fully Potted
Isolation Transformer
Marine Duty
Military Grade

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
E-mail: sales@larsonelectronics.com

The MT-ISX-FP-1P-240V-5KVA-120.240V-SS-N4X from Larson Electronics is a 240V (L-N) 1 Phase Energy Efficient Fully Potted Isolation Transformer that is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-ISX-FP-1P-240V-5KVA-120.240V-SS-N4X 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.

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

Transformer Features: With a transformer rating of 5 kVA, the MT-ISX-FP-1P-240V-5KVA-120.240V-SS-N4X isolation transformer is a single phase unit with a primary voltage of 240V (L-N) single phase. This transformer takes 240V (L-N) and converts it to 120/240V (L-N-L) single phase. This L1+N model is considered European 220 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 4X enclosure makes the unit suitable for outdoor applications and it can be wall mounted. The unit also features 180°C insulation with a 115°C temperature rise.

Benefits: The MT-ISX-FP-1P-240V-5KVA-120.240V-SS-N4X 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 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-ISX-FP-1P-240V-5KVA-120.240V-SS-N4X is a fully potted 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-ISX-FP-1P-240V-5KVA-120.240V-SS-N4X 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.

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Frequently Asked Questions (FAQ)

There are no Faqs