Larson Electronics LLC
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MT-ISX-SS-FP-1P-240.480V-3KVA-120.240V-N3R

3 kVA Isolation Transformer - 240/480V Split Phase Primary - 120/240V 1P Secondary - NEMA 3R - Fully Potted/Encapsulated - Stainless Steel Enclosure

Product ID: 274310

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.

MT-ISX-SS-FP-1P-240.480V-3KVA-120.240V-N3R Fully Potted Isolation Transformer

Phase: Single Phase
Frequency: 60 Hz
kVA: 3
Primary Voltage: 240/480 V Split Phase
Secondary Voltage: 120/240 V Single Phase European
Winding Material: Aluminum
Taps: None
Insulation: 180°C
Temperature Rise: 130°C
Primary Termination: -
Secondary Termination: -
Sound Level: Meets NEMA ST-20 Standards
Enclosure Material: NEMA Type 3R Heavy Duty Stainless Steel - Resin Encapsulated
Finish: Natural Finish
Dimensions: 10.00"H x 17.25"W x 7.75"D
Weight: 216 lb
Mount: Wall Mount

Approvals/Ratings

NRTL Listed for United States and Canada
IP66 Rated
ANC Cooling
Fully Potted / Encapsulated
Isolation Transformer

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The MT-ISX-SS-FP-1P-240.480V-3KVA-120.240V-N3R 240/480 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-ISX-SS-FP-1P-240.480V-3KVA-120.240V-N3R 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 3 kVA, the MT-ISX-SS-FP-1P-240.480V-3KVA-120.240V-N3R fully potted isolation transformer is a single phase unit with a primary voltage of split phase 240/480 V. It also provides a secondary voltage of European 120/240 V single phase. This transformer takes 240/480 V split phase (two 240/480 V legs, L+L+N) and converts it to 120/240 V single phase (L+N). This L+N model is considered European 120/240 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 4X stainless steel enclosure makes the unit suitable for both indoor and outdoor applications and it can be wall mounted. The unit also features a 180°C insulation with a 130°C temperature rise and is rated IP66.

Benefits: The MT-ISX-SS-FP-1P-240.480V-3KVA-120.240V-N3R encapsulated isolation transformer offers many benefits to the consumer. Precision cut copper 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 wall mounting brackets make installation fast and easy.

Safety: The MT-ISX-SS-FP-1P-240.480V-3KVA-120.240V-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-ISX-SS-FP-1P-240.480V-3KVA-120.240V-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: 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)


LARSON
ELECTRONICS
MT-BBT-SS-208V-240V-62.5A
DRY TYPE ISOLATION/BUCK- BOOST TRANSFORMER
Input Voltage: 208
Output Voltage: 240
kVA: 25.0
Cooling: ANC
Temp. Rise: 115°C
Temp. Class: 180°C
Frequency: 50/60Hz
Encl. Type: 3R
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Product ID: 274310

Harmonized System (HS) Code: 85043300

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**