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MT-ISX-FP-1P-120V.EU-3KVA-230V.EU-N3R

3 kVA Isolation Transformer - 120V (L+N) Euro Primary - 230V (L+N) Euro Secondary - NEMA 3R - 1 Phase - Fully Potted/Encapsulated

Product ID: 325941

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



Image: MT-ISX-FP-1P-120V.EU-3KVA-230V.EU-N3R

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-120V.EU-3KVA-230V.EU-N3R Isolation Transformer

Phase: Single Phase
Frequency: 50/60 Hz
kVA: 3
Primary Voltage: European 120 V (L+N)
Primary Connection: Series (V)
Primary FCAN: 2 x 2.5%
Primary FCBN: 4 x 2.5%
Secondary Voltage: European 230 V (L+N)
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 3R Heavy Duty
Finish: ANSI 61 Grey, UL50 Finish

Ratings

Listed for United States and Canada
ANN Cooling
IP24 Rated
Fully Potted
Isolation Transformer

Special Orders - Special Requirements

Contact us for special requirements

Dimensions: 14.38" H x 7.13" L x 10.31"D
Weight: 55 Lbs
Mounting: Wall

Toll Free: 1-800-369-6671
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The MT-ISX-FP-1P-120V.EU-3KVA-230V.EU-N3R from Larson Electronics is a 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-120V.EU-3KVA-230V.EU-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-FP-1P-120V.EU-3KVA-230V.EU-N3R isolation transformer is a single phase unit with a primary voltage of European 120 V single phase (L+N). This transformer takes 120 V and converts it to European 230 V single phase (L+N). This L+N model is considered European 230 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 and is rated IP24.

Benefits: The MT-ISX-FP-1P-120V.EU-3KVA-230V.EU-N3R 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-120V.EU-3KVA-230V.EU-N3R 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-120V.EU-3KVA-230V.EU-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)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/325941.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/325941.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/325941.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/325941.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/325941.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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