Larson Electronics LLC
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MT-ISX-SS-FP-3P-480D-9KVA-208Y.120-N4X

9 kVA Isolation Transformer - 480V Delta Primary - 208Y/120 Grounded Wye Secondary - 50/60 Hz - Fully Potted/Encapsulated - NEMA 4X - 316 Stainless Steel

Product ID: 313644

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-3P-480D-9KVA-208Y.120-N4X Fully Potted Isolation Transformer

Phase: Three Phase
Frequency: 50/60 Hz
Capacity: 9 KVA
Primary Voltage: 480V
Primary Connection: Delta
Primary FCAN: None
Primary FCBN: None
Secondary Voltage: 208Y/120
Secondary Connection: Grounded Wye
Winding Material: Aluminum
Efficiency: No Efficiency Specification
Insulation: 180°C
Temperature Rise: 115°C
Impedance (Std): -
Seismic Zone: Zone 4
Sound Level: Meets NEMA ST-20 Standards
Primary Termination: -
Secondary Termination: -
Enclosure Rating: NEMA Type 4X
Enclosure Material: 316 Stainless Steel
Finish: Natural
Dimensions: -
Weight: -

Ratings

NRTL Listed for United States and Canada
ANN Cooling
NEMA 4X Stainless Steel Enclosure
Isolation Transformer
Fully Potted / Encapsulated

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364

Mounting: Wall

E-mail: sales@larsonelectronics.com

The MT-ISX-SS-FP-3P-480D-9KVA-208Y.120-N4X 480 V Delta 3 Phase Energy Efficient Fully Potted/Encapsulated 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-3P-480D-9KVA-208Y.120-N4X provides increased reliablity 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 9 kVA, the MT-ISX-SS-FP-3P-480D-9KVA-208Y.120-N4X encapsulated transformer is a three phase unit with a primary voltage of 480 V Delta. It also provides a secondary voltage of 208Y/120 Grounded Wye. 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 316 stainless steel NEMA 4X enclosure makes the unit suitable for both indoor and outdoor applications. This encapsulated transformer can be wall mounted. The unit also features 180°C insulation with a 115°C temperature rise.
Construction: The aluminum winding in the MT-ISX-SS-FP-3P-480D-9KVA-208Y.120-N4X are formed from high quality aluminum wire 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. Isolation transformers are designed to maximize the performance and life of electrical equipment. The MT-ISX-SS-FP-3P-480D-9KVA-208Y.120-N4X is encapsulated in silica sand and resin, and cased in a NEMA 4X stainless steel enclosure.
Benefits: The MT-ISX-SS-FP-3P-480D-9KVA-208Y.120-N4X fully potted isolation transformer offers many benefits to the consumer. 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. Installation and maintenance costs are reduced due to the smaller form factor, and less overall space requirements are decreased. In addition, these transformers operate quieter than a standard autotransformer of the same capacity.
Mounting: Integrated wall mounting brackets make installation fast and easy. Because of the smaller overall footprint, heavy machinery is rarely needed for mounting and installation.
Applications: Air conditioners, lighting systems, heating elements, motor applications and other applications that that require the ability to power loads that differ from the available line voltage.
Limitations: While there are many benefits to an isolation transformer and there are some limitations to consider. This transformer will only transform voltage, it will not convert phases and does not allow use of the neutral. If any of these limitations apply to you, you will need a standard transformer. Please see below link for our standard line of industrial transformers or our line of phase converters.
Note on Phases: For three phase transformers, click on the following links:
Three Phase Delta Buck/Boost Transformers
Three Phase Wye Buck/Boost Transformers
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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- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**