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MPD-MT-ISX-FP-1P-480V-2KVA-120V-N3R-1X2FT-5.20C-M2

2 kVA Prewired Isolation Transformer - 480V Primary - 120V Secondary - NEMA 3R - 1 Phase - Fully Potted - 5-Amp Breaker On Primary Side / 15-Amp Breaker On Secondary Side

Product ID: 326631

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



Image: MPD-MT-ISX-FP-1P-480V-2KVA-120V-N3R-1X2FT-5.20C-M2

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.

MPD-MT-ISX-FP-1P-480V-2KVA-120V-N3R-1X2FT-5.20C-M2 Isolation Transformer

Phase: Single Phase
Frequency: 60 Hz
kVA: 2
Primary Voltage: 480 V AC
Secondary Voltage: 120 V AC
Winding Material: Aluminum
Wiring: Prewired with (1) 2' 12/3 SOOW Whip (On Output Side) w/ Cord Cap
Cord Cap: Female 20 Amp 5-20C Connector
Impedance: 1 - 5%
Insulation: 180°C
Temperature Rise: 115°C
Seismic Zone: -
Primary Termination: Leadwires
Secondary Termination: Leadwires
Mounting: Wall
Sound Level: Meets NEMA ST-20 Standards
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated
Finish: ANSI 61 Grey Finish
Dimensions: 11.75"-H x 7.06"-W x 6.25"-D
Weight: 55 lb

Approvals/Ratings

NRTL Listed
CSA Certified
Isolation Transformer
5-Amp Breaker on Primary
15-Amp Breaker on Secondary

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
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The MPD-MT-ISX-FP-1P-480V-2KVA-120V-N3R-1X2FT-5.20C-M2 480 V 1 Phase Energy Efficient Prewired Isolation Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MPD-MT-ISX-FP-1P-480V-2KVA-120V-N3R-1X2FT-5.20C-M2 provides increased reliablity, 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. The MPD-MT-ISX-FP-1P-480V-2KVA-120V-N3R-1X2FT-5.20C-M2 is a prewired transformer for customer installation and is equipped with 2' of 12/3 SOOW cable on the output side which is terminated in a 20 amp female 5-20C connector. This unit is equipped with a 15-amp breaker on the secondary side and 5-amp on the primary side.

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

Transformer Features: With a transformer rating of 2 kVA (2000 Volt Amps), the MPD-MT-ISX-FP-1P-480V-2KVA-120V-N3R-1X2FT-5.20C-M2 isolation transformer is a single phase unit with a primary voltage of 480 V. It also provides a secondary voltage of 120 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 wall mounted. The unit also features 180°C insulation with a 115°C temperature rise and is rated IP24.

Benefits: The MPD-MT-ISX-FP-1P-480V-2KVA-120V-N3R-1X2FT-5.20C-M2 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 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. This transformer is designed for panel mounting.

Safety: The MPD-MT-ISX-FP-1P-480V-2KVA-120V-N3R-1X2FT-5.20C-M2 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 MPD-MT-ISX-FP-1P-480V-2KVA-120V-N3R-1X2FT-5.20C-M2 achieves these safety features by separating or "isolating" the powered device from the power source and insulation between the primary and secondary power sources.

Wiring: The MPD-MT-ISX-FP-1P-480V-2KVA-120V-N3R-1X2FT-5.20C-M2 is equipped with a 2' 12/3 SOOW whip on the output side that is terminated in a 20 amp female 5-20C connector

which allows operators to plug in their 120 V equipment for power.

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

Export Control Classification Number (ECCN): EAR99

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