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MT-ISX-FP-1P-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20

1.5 kVA Prewired Isolation Transformer - 600V Primary - 120V Secondary - NEMA 3R - 1 Phase - Fully Potted / Encapsulated - (2) 2' 12/3 SOOW Whips w/ Cord Caps

Product ID: 266434



Image: MT-ISX-FP-1P-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20

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-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20 Fully Potted Prewired Isolation Transformer

Phase: Single Phase
Frequency: 60 Hz
kVA: 1.5
Primary Voltage: 600 V
Taps: None
Secondary Voltage: 120 V
Winding Material: Aluminum
Insulation: 180°C
Temperature Rise: 135°C
Electrostatic Shield: No
Seismic: Yes
Sound Level: Meets NEMA ST-20 Standards
Primary Termination: -
Secondary Termination: -
Wiring: Prewired with (2) 2' 12/3 SOOW Whips (One on each side) w/ Cord Caps
Cord Caps: NEMA L9-20P (600V) Plug (Input Side); NEMA L5-20C (125V) Connector (Output Side)
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated
Finish: ANSI 61 Grey Finish
Dimensions: 11.62"H x 5.50"W x 5.13"D
Weight: 30 lb
Mounting: Wall Mount

Ratings

NRTL Listed for United States and Canada
ANN Cooling
IP14 Rated
Fully Potted / Encapsulated
Isolation Transformer

Special Orders - Special Requirements

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

The MT-ISX-FP-1P-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20 600 V 1 Phase Energy Efficient Fully Potted Prewired 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-FP-1P-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20 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. The MT-ISX-FP-1P-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20 is equipped with a pair of 2` 12/3 SOOW whips. One is on the input side and is terminated in a NEMA L9-20P (600V) plug and the other is on the output side and is terminated in a NEMA L5-20C (125V) connector.

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

Transformer Features: With a transformer rating of 1.5 kVA, the MT-ISX-FP-1P-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20 isolation transformer is a single phase unit with a primary voltage of 600 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 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 NEMA 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 135°C temperature rise and is rated IP14.

Benefits: The MT-ISX-FP-1P-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20 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 isoaltion 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 and the offset outward facing wall installation holes allow for easy power tool access.

Safety: The MT-ISX-FP-1P-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20 is an encapsulated 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-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20 achieves these safety features by seperating or "isolating" the powered device from the power source and insulation between the primary and secondary power sources.

Wiring: The MT-ISX-FP-1P-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20 is equipped with 2` 12/3 SOOW whips on both the primary and secondary sides. The primary side whip is equipped with a NEMA L9-20P (600V) plug and the secondary side whip is equipped with a

NEMA L5-20C (125V) connector. This transformer makes installation simple. Operators connect them to the corresponding current. For example, the 600 V whip gets connected to 600 V current.

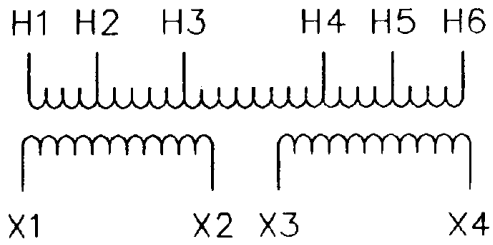
Applications: General purposes.

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.

Wiring Diagram

WARNING: *DO NOT SERVICE WHILE ENERGIZED!*

MT-ISX-FP-1P-600V-1.5KVA-120V-N3R-2X2FT-L9.L5.20



Primary Volts	Connect Lines To	Inter-connect
600	H1-H6	-
585	H1-H5	-
570	H2-H5	-
555	H2-H4	-
540	H3-H4	

Secondary Volts	Connect Lines To	Inter-connect
240	X1-X4	X2-X3
120/240	X1-X2-X4	X2-X3
120	X1-X4	X1-X3, X2-X4

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Material Safety Data Sheet

To Whom It May Concern,

Larson Electronics LLC MT-ATX, MT-BBT, MT-DIX, MT-DOE10, MT-DOE16, MT-ISX, and MT-PMD industrial line of transformers are considered "ARTICLES" under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS).

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

i. Which is formed to a specific shape or design during manufacture;
ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
iii. Which under normal conditions does not release more than very small quantities.

Regards,

Ray Smith
Larson Electronics, LLC.

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Frequently Asked Questions (FAQ)

There are no Faqs