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MT-ISX-FP-1P-120.240V-7.2KVA-240V.EU-N3R-2X5C-14.3

7.2 kVA Isolation Transformer - 120/240V Primary - 240V Euro Secondary - NEMA 3R - Fully Potted / Encapsulated - Single Phase - 5' 10/3 SOOW w/ NEMA 14-30P Cord Cap

Product ID: 272052



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-120.240V-7.2KVA-240V.EU-N3R-2X5C-14.30-6.30 Fully Potted Prewired Isolation Transformer

Phase: Single Phase
Frequency: 60 Hz
kVA: 7.2
Primary Voltage: 120/240 V AC (L+L+N)
Secondary Voltage: 240 V AC European (L+N)
Winding Material: Aluminum
Taps: 2 x 2.5% FCAN; 4 x 2.5% FCBN
Impedance: -
Insulation: 180°
Temperature Rise: 115°C
Seismic Zone: -
Wiring: 5' 10/3 SOOW Cord w/ Cord Cap on Primary; 5' 10/3 SOOW Cord w/ Connector on Secondary
Primary Cord Cap: NEMA 14-30P Cord Cap
Secondary Connector: NEMA 6-30C Connector
Sound Level: Meets NEMA ST-20 Standards
Enclosure Material: NEMA Type 3R
Finish: ANSI 61 Grey Finish
Dimensions: 15.19"H x 13.50"W x 10.84"D
Weight: 125 lb
Mounting: Wall Mount

Approvals/Ratings

NRTL Listed for United States and Canada
IP14 Rated
NRTL Certified to C22.2 No. 47
NRTL Certified to UL 506
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-120.240V-7.2KVA-240V.EU-N3R-2X5C-14.30-6.30 120/240 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-120.240V-7.2KVA-240V.EU-N3R-2X5C-14.30-6.30 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 MT-ISX-FP-1P-120.240V-7.2KVA-240V.EU-N3R-2X5C-14.30-6.30 is equipped with 5 feet of 10/3 SOOW cord that is terminated in a NEMA 14-30P cord cap on the input side and 5 feet of 10/3 SOOW cord that is terminated in a NEMA 6-30C connector. This allows operators to plug the unit directly into a wall socket.

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

Transformer Features: With a transformer rating of 7.2 kVA, the MT-ISX-FP-1P-120.240V-7.2KVA-240V.EU-N3R-2X5C-14.30-6.30 isolation transformer is a single phase unit with a primary voltage of 120/240 V (L+L+N). It also provides a secondary voltage of 240 V European (L+N). 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 IP14.

Benefits: The MT-ISX-FP-1P-120.240V-7.2KVA-240V.EU-N3R-2X5C-14.30-6.30 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 encapsulated 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.

Wiring: The input side of the MT-ISX-FP-1P-120.240V-7.2KVA-240V.EU-N3R-2X5C-14.30-6.30 is outfitted with 5` of 10/3 SOOW cord that is terminated in a NEMA 6-30P cord cap. The output side is outfitted with another 5` of 10/3 SOOW cord that is terminated in a NEMA 6-30C cord cap.

Safety: The MT-ISX-FP-1P-120.240V-7.2KVA-240V.EU-N3R-2X5C-14.30-6.30 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-FP-1P-120.240V-7.2KVA-240V.EU-N3R-2X5C-14.30-6.30 achieves these safety features by seperating or "isolating" the powered device from the power source and insulation between the primary and secondary power sources.

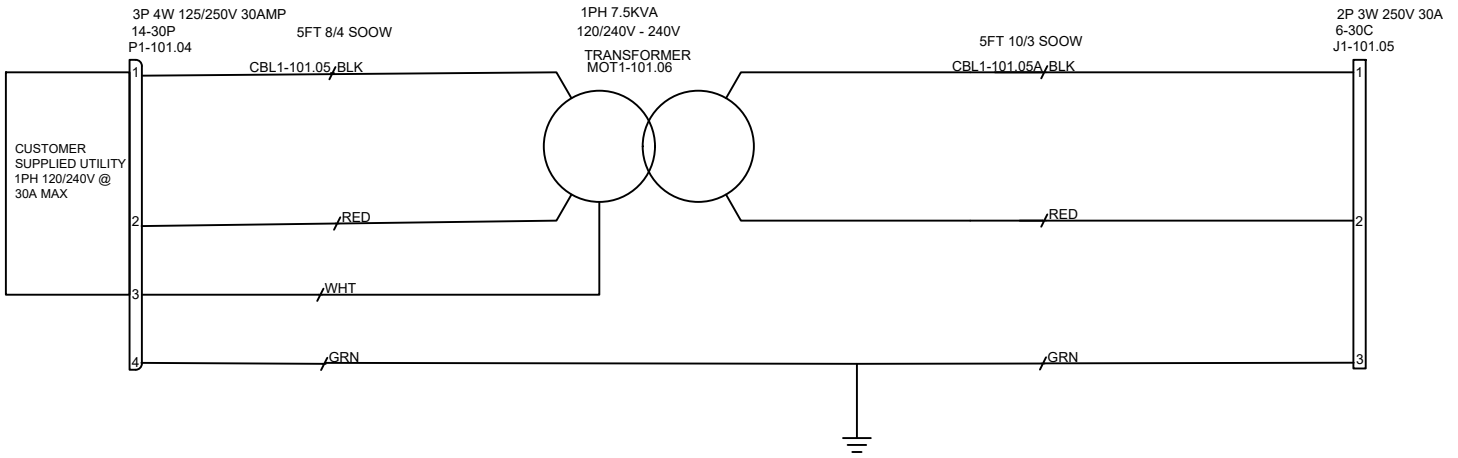
Applications: Power supplies for sensitive equipment such as computers, medical devices, or laboratory instruments.

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.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	10/29/2024

MT-ISX-FP-1P-120.240V-7.2KVA-240V.EU-N3R-2X5C-14.30-6.30

LARSON ELECTRONICS®



TAGS	QTY	CATALOG	DESCRIPTION
P1-101.04	1	UNV00012722	STRAIGHT BLADE PLUG 2P3W, 250V 30A
J1-101.05	1	UNV00017935	STRAIGHT BLADE CONNECTOR 2P3W 250V 30A
MOT1-101.06	1		1PH 7.5KVA 120/240V 240V TRANSFORMER
CBL1-101.05A	1	UNV00009072	10/3 SOOW CABLE BLK
CBL1-101.05	1	UNV00007449	8/4 SOOW CABLE BLK

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KEMP, TX 75143

TITLE: MT-ISX-FP-1P-120.240V-7.2KVA -240V.EU-N3R-2X5C-14.3-6.3

DRAWN BY	DATE	REV
A.HIRSH	10/29/2024	A
CHECKED BY	SHEET #	DRAWING #
J.Maldonado	1 OF 1	101

Frequently Asked Questions (FAQ)