

MT-IXR-FP-1P-L6.30-10C-208V-2KVA-120V-1X5.15D

2 kVA Isolation Transformer - 208V Primary - 120V Secondary - (1) 5-15R Duplex - N3R

Product ID: 286934

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-IXR-FP-1P-L6.30-10C-208V-2KVA-120V-1X5.15D Isolation Transformer

Line-in Cord: 10' #12 SOOW Cord

Line-in Cord Cap: 30A Twist Lock L6-30P [250V]

Phase: Single Phase

Frequency: 60 Hz

kVA: 2

Primary Voltage: 208 V

Secondary Voltage: 120 V

Secondary Fuse: (1) 15A 3P Fuse Block w/ Fuses [600V]

Secondary Receptacle: (1) 15A 5-15R Duplex [125V]

Secondary Protection: Fuse, Weatherproof Cover

Winding Material: Copper

Taps: None

Insulation: 180°C

Temperature Rise: 115°C

Primary Termination: -

Secondary Termination: -

Sound Level: Meets NEMA ST-20 Standards

Enclosure Material: NEMA Type 3R Heavy Duty Ventilated

Finish: ANSI 61 Grey Finish

Dimensions: 7" x 6.5" x 11.25"

Weight: -

Approvals/Ratings

Primary OCP: 20A Circuit

Secondary OCP: 15A Midget Fuses

NRTL Certified to UL Standards

NRTL Certified to CSA Standards

ANC Cooling

Isolation Transformer

Special Orders - Special Requirements

Contact us for special requirements

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The MT-IXR-FP-1P-L6.30-10C-208V-2KVA-120V-1X5.15D 1 Phase Energy

Efficient Fully Potted Isolation Transformer from Larson Electronics is powerful, reliable, and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-IXR-FP-1P-L6.30-10C-208V-2KVA-120V-1X5.15D 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 2 kVA, the MT-IXR-FP-1P-L6.30-10C-208V-2KVA-120V-1X5.15D fully potted isolation transformer is a single phase unit with a primary voltage of 208 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 either floor or wall mounted. The unit also features a 180°C insulation with a 115°C temperature rise and is rated IP24.

Operation: A 10' #12 SOOW cord with a 30-amp 250V L6-30P twist lock male cord cap brings single-phase 208 V to the 2 KVA NEMA 3R transformer, which converts 208 V to single-phase 120 V AC, 60 Hz and passes power to the secondary side. The secondary side contains one 15-amp 3-pole 600V fuse protecting one 15-amp 125V 5-15R duplex receptacle for 120 V equipment. This receptacle is protected by a weatherproof cover.

Benefits: The MT-IXR-FP-1P-L6.30-10C-208V-2KVA-120V-1X5.15D isolation transformer offers many benefits to the consumer. Precision cut copper 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. Integrated floor and wall mounting brackets make installation fast and easy and the offset outward facing floor installation holes allow for easy power tool access.

Safety: The MT-IXR-FP-1P-L6.30-10C-208V-2KVA-120V-1X5.15D 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-IXR-FP-1P-L6.30-10C-208V-2KVA-120V-1X5.15D 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.

Frequently Asked Questions (FAQ)

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Product ID: 286934

Harmonized System (HS) Code: 85043300

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)