

MT-CX-400Y.231-15KVA-208D

15 kVA Isolation Transformer - Open Core/Coil - 400Y/231 Wye-N Primary - 208V Delta

Secondary - Aluminum Winding - Open Frame

Product ID: 314456



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-CX-400Y/231-15KVA-208D Open Core & Coil Isolation Transformer

Phase: Three Phase
Frequency: 50/60 Hz
kVA: 15
Primary Voltage: 400Y/231 V
Primary Connection: Wye-N
Primary BIL: 10 kV
Primary FCAN: 2 x 2.5%
Primary FCBN: 4 x 2.5%
Secondary Voltage: 208 V
Secondary Connection: Delta
Secondary BIL: 10 kV
Winding Material: Aluminum
Efficiency: DOE 2016 / NRCAN 2019 (Also Meets ON Reg. 404/12)
Insulation: 220°C
Temperature Rise: 150°C
Impedance (Std): 1.8% - 7.5%
Seismic Zone: Zone 4
Sound Level: Meets NEMA ST-20 Standards
Primary Termination: Front Accessible Terminals
Secondary Termination: Front Accessible Terminals
Enclosure Material: Open Frame
Dimensions: Can Fit Inside a 13.5"H x 12.88"W x 17.63"L Enclosure
Weight: -
Mounting: Floor or Wall Mount (Depending on Customer Provided Housing)

Ratings

Listed for United States and Canada
ANN Cooling
Open Core & Coil Design
Isolation Transformer
UL listed

Special Orders - Special Requirements

Contact us for special requirements

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The MT-CX-400Y.231-15KVA-208D 400Y/231 Wye 3 Phase Energy Efficient Open Core & Coil Isolation Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. The MT-CX-400Y.231-15KVA-208D provides increased reliability 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. This transformer features an open core and open coil design that is designed to be placed in a customer provided enclosure or power distribution system.

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

Transformer Features: With a transformer rating of 15 kVA, the MT-CX-400Y.231-15KVA-208D open core & coil isolation transformer is a three phase unit with a primary voltage of 400Y/231 Wye-N. It also provides a secondary voltage of 208V Delta. Featuring robust construction, this unit's cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology.

The open core and coil transformer is designed to fit inside a 13.5"H x 12.88"W x 17.63"L customer-provided enclosure.

This unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. This unit can be floor or wall mounted depending on the type of enclosure or power distribution system provided by the customer. The unit also features 220°C insulation with a 150°C temperature rise.

Benefits: The MT-CX-400Y.231-15KVA-208D 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 isolation 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.

Safety: The MT-CX-400Y.231-15KVA-208D 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-CX-400Y.231-15KVA-208D 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: 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.

Frequently Asked Questions (FAQ)