Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MT-CT-480V-3KVA-230V-60Hz

3 kVA Control Transformer - 480V Input Voltage - 230V Output Voltage - Open Core & Coil Design

Product ID: 147528

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



Image: MT-CT-480V-3KVA-230V-60Hz

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-CT-480V-3KVA-230V-60Hz Control Transformer

Phase: Three Phase
Frequency: 60Hz
kVA: 3
Primary Voltage: 480V Delta
Primary Configuration: Delta
BIL Rating: 4kV
Secondary Voltage: 230V Delta
Secondary Configuration: Delta
Winding Material: Copper
Reverse Connectable: Yes
Electrostatic Shield: N/A
Insulation: 155°
Temperature Rise: 100°C
Connection Type: Lugs/Bolt-Down Terminals
Secondary Termination (Std): Mounting Pads
Sound Level: Less Than 40 dB
Construction Style: Open - Core & Coil
Enclosure Rating: Open
Dimensions: 4.7"D x 11"W x 9"H
Weight: 55 lbs

Ratings

Listed for United States and Canada
Dry Type Cooling
Control Transformer

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The MT-CT-480V-3KVA-230V-60Hz 480V 3 Phase Energy Efficient Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for indoor applications, the MT-CT-480V-3KVA-230V-60Hz 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.

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

Transformer Features: With a transformer rating of 3kVA, the MT-CT-480V-3KVA-230V-60Hz transformer is a three phase unit with an input voltage of 480V Delta. It also provides an output voltage of 230V Delta. 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 open design makes the unit suitable for indoor applications and it has a base/panel mounting type. This transformer can be made suitable for outdoor applications by adding a user provided cover that is rated to protect transformers from the elements. The unit also features a 150° insulation system with a 100°C temperature rise.

Benefits: The MT-CT-480V-3KVA-230V-60Hz general purpose 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.

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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Harmonized System (HS) Code: 85043300
Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/147528.PDF)
- **STEP File (3D CAD Model)**(https://www.larsonelectronics.com/images/product/Step/147528.ZIP)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/147528.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/147528.JPG)
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