Larson Electronics LLC
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MT-CTX-12470V-5KVA-120.240V-N1-TP-M1

5 KVA Control Transformer - 12470V Input Voltage, 120/240V Output Voltage - 1PH, Taps/60Hz - Prim. Fuse Blocks, NEMA 1

Product ID: 327365

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

Image: MT-CTX-12470V-5KVA-120.240V-N1-TP-M1

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-CTX-124700V-5KVA-120.240V-N1-TP-M1 Control Transformer

Phase: Single Phase
Frequency: 60 Hz
kVA: 5 kVA
Primary Voltage: 12470V
Primary Connection: Series (V)
Taps: +/- 7.5%
Secondary Voltage: 120/240V
Secondary Connection: Parallel x Series (Vx2V)
BIL: 95 kV
Fuse Block: Primary Side
Winding Material: Copper
Primary Termination: Terminal Block
Secondary Termination: Terminal Block
Insulation: 130°C
Temperature Rise: 80°C
Enclosure Type: NEMA 1
Enclosure Material: Injection Molded Cover
Mounting: Heavy Steel Feet
Dimensions: (*Please note that dimensions are approximate and subject to change*) 15.38" x 11.50" x 17.88"
Weight: (*Please note that weight is approximate and subject to change*) 250 lbs

Approvals/Ratings

NRTL Listed for United States and Canada
NRTL Certified to CSA 22.2 NO 66.1
NRTL Certified to CSA 22.2 NO 66.2
NRTL Certified to UL 5085-1
NRTL Certified to 5085-2
Control Transformer

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
E-mail:

The MT-CTX-12470V-5KVA-120.240V-N1-TP-M1 from Larson Electronics is a 12470V Single Phase Control Transformer that is powerful, efficient, and designed for dependable performance in indoor industrial environments. Featuring a NEMA 1 enclosure for protection in clean, dry locations, this unit provides reliable power management and protection against critical equipment failures. Built with high-quality silicon steel laminations for superior performance and reduced losses, the MT-CTX-12470V-5KVA-120.240V-N1-TP-M1 ensures long service life and operational reliability.

Transformer Features: With a transformer rating of 5 kVA, the MT-CTX-12470V-5KVA-120.240V-N1-TP-M1 is a machine tool industrial single phase control transformer with a primary voltage of 12470V. It also provides secondary voltage of 120/240V. Featuring compact and innovative construction, this unit's cores are manufactured with high-quality silicon steel laminations using state of the art technology.

This unit boasts an innovative terminal block design that allows for easy hookup. Connecting this unit is a simple task thanks to the terminal connection numbers being molded into the terminal block which corresponds to the nameplate and wiring diagrams. A unique fin-shaped, injection molded coil cover gives this unit superior cooling abilities. The unit also features a 130°C insulation class with a 80°C temperature rise.

Benefits: The MT-CTX-12470V-5KVA-120.240V-N1-TP-M1 control transformer offers many benefits to the consumer. Full encapsulation of the windings and internal terminations ensures that the unit is protected from moisture, dirt, dust, and other contaminants. Removable finger safe terminal covers contribute towards the overall clean and sleek look of the unit. The compact and innovative design features make this a great choice for industrial tool applications.

This control transformer has heavy steel mounting feet that are either welded or bolted to the core. This transformer features terminal block terminations.

Applications: Power Management, Industrial

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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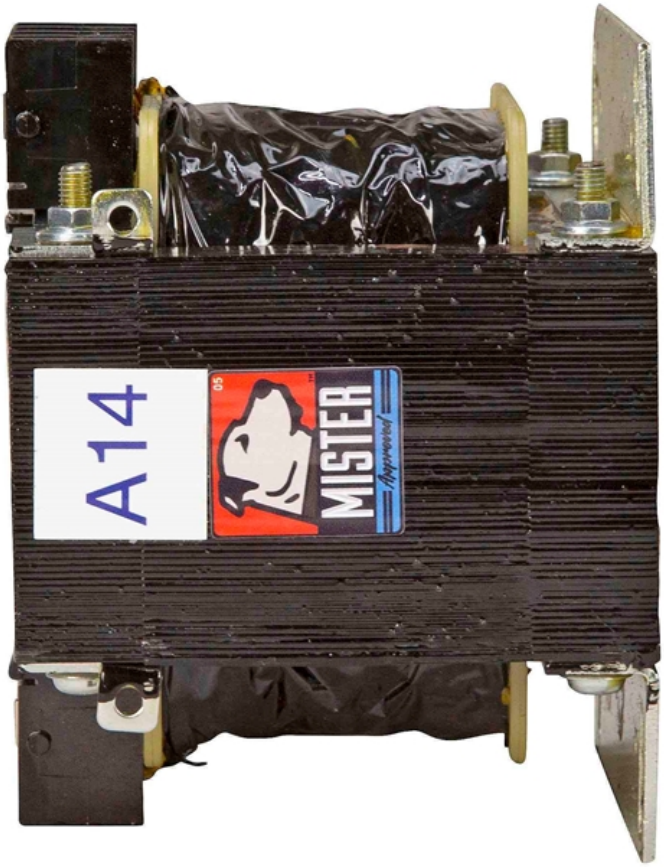

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Export Control Classification Number (ECCN): EAR99

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