Larson Electronics LLC
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MT-CPT-4160V-15KVA-120.240V-M2

15 KVA Control Power Transformer - 4160V Input Voltage - 120/240V Output Voltage - w/ Fuse Clips

Product ID: 345409



Image: MT-CPT-4160V-15KVA-120.240V-M2

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-CPT-4160V-15KVA-120.240V-M2 Control Power Transformer

Transformer Type: Control Power Transformer
Transformer Configuration: Dry Type
Phase: Single Phase
Frequency: 60 Hz
Capacity: 15 KVA (15,000 VA)
Primary Voltage: 4160 V
Primary Coil Configuration: Vacuum Encapsulated In Epoxy To Seal Out Moisture and Contaminants , And To Provide A Higher Ability To Withstand Short-Circuit Forces Than Conventional Dry Type Transformers
Secondary Voltage: 120/240 V
Material: Copper
Primary Termination: 1/4"-20 brass screws
Primary Tap Termination: 1/4"-20 brass screws or #10 brass screws depending on the design selected, and are supplied with a copper link
Tap Changer: 3-Position Tap Changer
Tap Qty: (1) FCAN Above Taps, (1) FCBN Below Taps
Tap %: 7.50%
Secondary Termination: 1/2"-13 brass bolts supplied with series/parallel copper links
Fuse Clips: Included
Insulation: 130°C
Temperature Rise: 80°C
Lifting Provisions: Included, (2) holes, Ø1.12
Frame Material: Zinc Plated Steel
Mounting: Heavy Steel Feet

Approvals/Ratings

Control Power Transformer
UL Listed
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

Tests

Meets all dielectric test requirements of IEEE 57.13
Includes full-wave and chopped-wave impulse tests
*Factory Certified Test Report Provided

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671

Dimensions: 17"-L, 9.5"-H
Weight: 130 Lbs

Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The MT-CPT-4160V-15KVA-120.240V-M2 from Larson Electronics is a 15 KVA Single Phase Control Power Transformer that is a completely dry-type transformer cast in epoxy, powerful, reliable, and innovatively designed. With high-quality silicon steel laminations providing optimal performance, the MT-CPT-4160V-15KVA-120.240V-M2 provides increased reliability and protection against critical equipment failures. This control power transformer features an innovative design with a unique terminal block design that allows for a quick and easy hookup along with the ability to easily install fuse clips to the unit. The uniquely designed molded coil covers give this control transformer superior cooling abilities and a sleek appearance.

Transformer Features: With a transformer rating of 15 KVA (15000 VA), the MT-CPT-4160V-15KVA-120.240V-M2 is a machine tool industrial single phase control power transformer with primary voltages of 4160 V. It also provides a secondary voltage of 120/240 V. 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 an 80°C temperature rise.

Benefits: The MT-CPT-4160V-15KVA-120.240V-M2 control power 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. Removeable 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 power transformer has heavy steel mounting feet that are either welded or bolted to the core. This transformer features terminal block terminations.

Applications: The CPT Transformer is an indoor, self-cooled, single-phase, dry-type control power transformer designed to provide control power in medium voltage switchgear. Nominal primary voltages range from 2.4 kV to 14.4 kV at 60 Hertz. Secondary voltages are configured for series/parallel operation at 120 V or 240 V

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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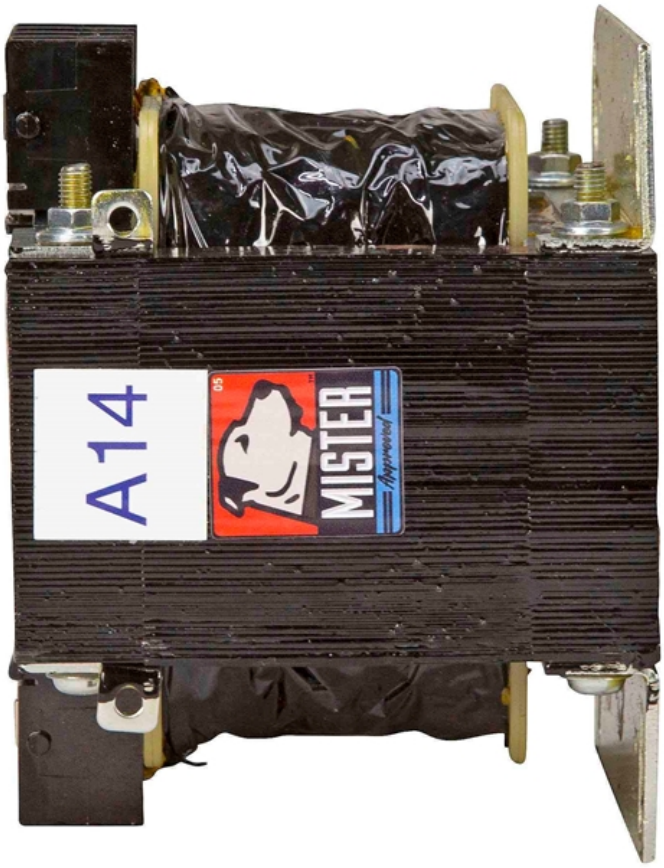
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Frequently Asked Questions (FAQ)

There are no Faqs