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-CTX-120.230.277.480V-500VA-12.24.36.120.240V

500 VA Control Transformer - 120/230/277/480V Input Voltage - 12/24/36/120/240V (L-N-L) Output Voltage

Product ID: 344641

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



Image: MT-CTX-120.230.277.480V-500VA-12.24.36.120.240V

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-120.230.277.480V-500VA-12.24.36.120.240V Control Transformer

Phase: Single Phase
Frequency: 50/60 Hz
Capacity: 500 VA
Primary Voltage: 120/230/277/480V
Primary Connection: Series (V)
Primary FCAN (Std.): 0 x 0%
Primary FCBN (Std.): 0 x 0%
Secondary Voltage: 12/24/36/120/240V (L-N-L)
Secondary Connection: Parallel x Series (Vx2V)
Material: Copper
Primary Termination: Terminal Block
Secondary Termination: Terminal Block
Insulation: 130°C
Temperature Rise: 80°C
Enclosure Material: Injection Molded Cover
Mounting: Heavy Steel Feet
Dimensions: 5.60"H x 5.25"W x 4.50"D
Weight: 17.8 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: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The MT-CTX-120.230.277.480V-500VA-12.24.36.120.240V from Larson Electronics is a Single Phase Control Transformer that is powerful and reliable. With high-quality silicon steel laminations providing optimal performance, the MT-CTX-120.230.277.480V-500VA-12.24.36.120.240V provides increased reliability and protection against critical equipment failures. This control transformer features a terminal block design that allows for hook up along with the ability to install fuse clips to the unit. The molded coil covers give this control transformer superior cooling abilities and a sleek appearance.

Transformer Features: With a transformer rating of 500 VA, the MT-CTX-120.230.277.480V-500VA-12.24.36.120.240V is a machine tool industrial single phase control transformer with primary voltages of 120/230/277/480V. It also provides secondary voltage of 12/24/36/120/240V (L-N-L). Featuring compact construction, this unit's cores are manufactured with high-quality silicon steel laminations using state of the art technology.

Connecting this unit is simple thanks to the terminal connection numbers being molded into the terminal block which corresponds to the nameplate and wiring diagrams. A 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-CTX-120.230.277.480V-500VA-12.24.36.120.240V 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 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.

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

Frequently Asked Questions (FAQ)

There are no Faqs

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



Image: MT-CTX-120.230.277.480V-500VA-12.24.36.120.240V

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



Image: MT-CTX-120.230.277.480V-500VA-12.24.36.120.240V

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

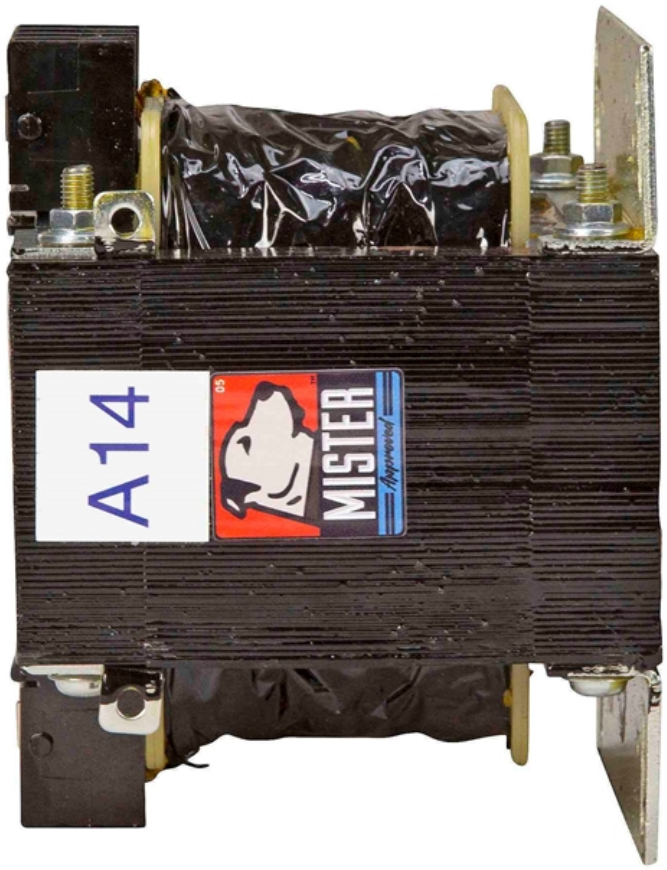


Image: MT-CTX-120.230.277.480V-500VA-12.24.36.120.240V

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



Image: MT-CTX-120.230.277.480V-500VA-12.24.36.120.240V

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/344641.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/344641.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/344641.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/344641.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/344641.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/344641.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/344641.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/344641.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)