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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

MT-CTX-3P-580.3.60D-500VA-215.3.60D

0.50 kVA (500 VA) 3-Phase Delta Control Transformer - 580/3/60 Primary - 215/3/60 Secondary - 50/60 Hz

Product ID: 304878



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-3P-580.3.60D-500VA-215.3.60D Control Transformer
Phase: Three Phase
Frequency: 50/60 Hz
kVA: 500 VA (0.50 kVA)
Primary Voltage: 580/3/60 V Delta
Primary Connection: Delta
Primary FCAN (Std.): 0 x 0%
Primary FCBN (Std.): 0 x 0%
Secondary Voltage: 215/3/60 V Delta
Secondary Connection: Delta
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: 5.65"-H x 7.00"-W x 6.23"-D
Weight: 29.8 lb

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-3P-580.3.60D-500VA-215.3.60D from Larson Electronics is a 580/3/60 V Delta Three Phase Control Transformer that is powerful, reliable, and innovatively designed. With high-quality silicon steel laminations providing optimal performance, the MT-CTX-3P-580.3.60D-500VA-215.3.60D provides increased reliablity and protection against critical equipment failures. This control transformer features an

innovative design with a unique terminal block design that allows for a quick and easy hook up 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 500 VA (0.50 kVA), the MT-CTX-3P-580.3.60D-500VA-215.3.60D is a machine tool industrial three phase control transformer with primary voltages of 580/3/60 V Delta. It also provides secondary voltages of 215/3/60 V Delta. 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. The taps on the MT-CTX-3P-580.3.60D-500VA-215.3.60D allow for easily changing the secondary voltage with different terminal blocks that correspond to the secondary voltage options. 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-3P-580.3.60D-500VA-215.3.60D 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. 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 transformer has heavy steel mounting feet that are either welded or bolted to the core. This transformer features terminal block terminations.

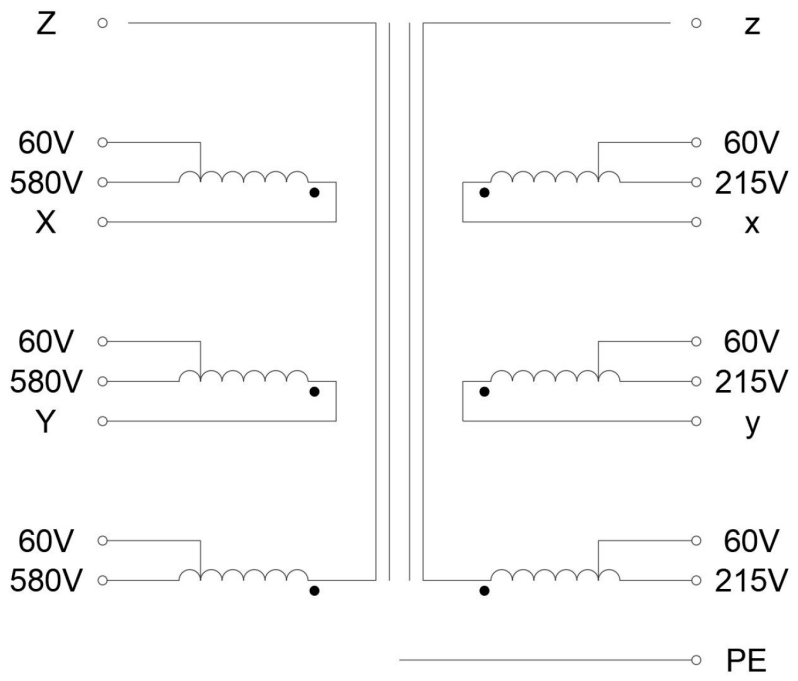
Applications: Power Managment, Industrial

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.

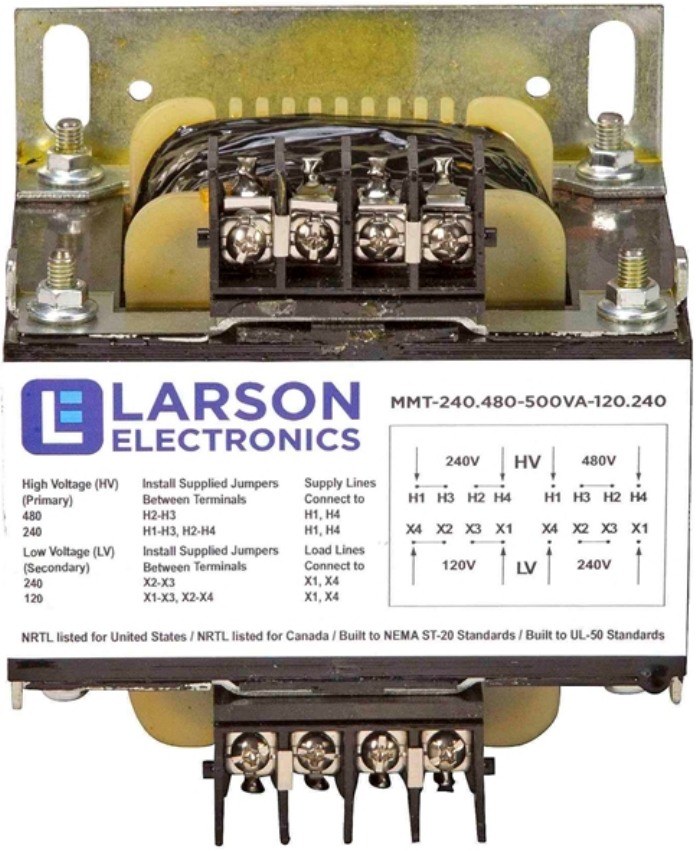
Wiring Diagram

WARNING: *DO NOT SERVICE WHILE ENERGIZED!*

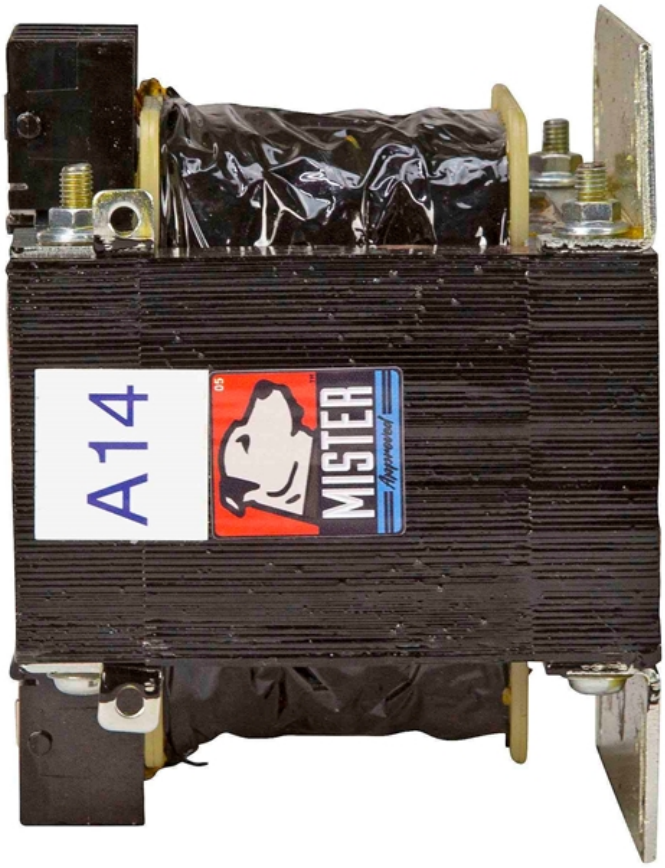
MT-CTX-3P-580.3.60D-500VA-215.3.60D



LARSON ELECTRONICS LLC • 9419 E US HWY 175 • KEMP, TX 75143
p: 1-800-369-6671 • intl: 903-498-3363 • f: 903-498-3364 • sales@larsonelectronics.com


LARSON
ELECTRONICS
MMT-240.480-500VA-120.240
High Voltage (HV) (Primary)
480
240
Install Supplied Jumpers Between Terminals
H2-H3
H1-H3, H2-H4
Supply Lines Connect to
H1, H4
H1, H4
Low Voltage (LV) (Secondary)
240
120
Install Supplied Jumpers Between Terminals
X2-X3
X1-X3, X2-X4
Load Lines Connect to
X1, X4
X1, X4
240V
HV
480V
H1 H3 H2 H4
H1 H3 H2 H4
X4 X2 X3 X1
X4 X2 X3 X1
120V
LV
240V
NRTL listed for United States / NRTL listed for Canada / Built to NEMA ST-20 Standards / Built to UL-50 Standards


LARSON
ELECTRONICS
MMT-240.480-500VA-120.240
High Voltage (HV)
(Primary)
480
240
Low Voltage (LV)
(Secondary)
240
120
Install Supplied Jumpers
Between Terminals
H2-H3
H1-H3, H2-H4
Install Supplied Jumpers
Between Terminals
X2-X3
X1-X3, X2-X4
Supply Lines
Connect to
H1, H4
H1, H4
Load Lines
Connect to
X1, X4
X1, X4
240V
HV
480V
H1 H3 H2 H4
H1 H3 H2 H4
X4 X2 X3 X1
X4 X2 X3 X1
120V
LV
240V
NRTL listed for United States / NRTL listed for Canada / Built to NEMA ST-20 Standards / Built to UL-50 Standards
A14
MISTER


A14
MISTER
Improved



Frequently Asked Questions (FAQ)