Larson Electronics LLC
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MT-AE.EX-CTX-380V-0.1KVA-120V-TB

0.1 kVA (100 VA) Control Transformer - 380V Primary - 120V Secondary - 50/60 Hz - ATEX/IEC Ex Certified

Product ID: 266688

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



Image: MT-AE.EX-CTX-380V-0.1KVA-120V-TB

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-AE.EX-CTX-380V-0.1KVA-120V-TB ATEX/IEC Ex Certified Control Transformer

Phase: Single Phase
Frequency: 50/60 Hz
kVA: 100 VA (0.10 kVA)
Primary Voltage: 380 V
Primary Connection: Series (V)
Primary FCAN (Std.): 0 x 0%
Primary FCBN (Std.): 0 x 0%
Secondary Voltage: 120 V
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: 84.00 mm H x 73.00 mm W x 113.00 mm D
Weight: 5.8 kg

Approvals/Ratings

Listed for Europe and International Use
Approved for Zone 1 & Zone 2
Approved for Zone 21 & Zone 22
Ex eb IIC Gb
-55°C≤Ta≤+55/70°C
NRTL Certified to IEC 60079
NRTL Certified to EN 60079
IECEx CML 16.0055U

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

PLEASE NOTE: The HLSW-AE.EX series of explosion proof switches, operators, buttons, lights, and dials are certified to European Union (ATEX) and International (IEC Ex) standards and are approved for installing in these locations. This unit IS NOT certified to United States (NEC) or Canadian (CEC) standards for hazardous location. This unit DOES NOT carry UL or CSA ratings. Please contact Larson Electronics for NEC/CEC equvilant version of

this product if you intend to install the product in United States, Canada, or any country that followed NEC or CEC electrical standards.

The MT-AE.EX-CTX-380V-0.1KVA-120V-TB from Larson Electronics is a ATEX/IEC Ex Certified 380 V Single Phase Control Transformer that is powerful, reliable and innovatively designed. With high-quality silicon steel laminations providing optimal performance, the MT-AE.EX-CTX-380V-0.1KVA-120V-TB 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.

PLEASE NOTE: The HLSW-AE.EX series of explosion proof switches, operators, buttons, lights, dials, and control transformers are certified to European Union (ATEX) and International (IEC Ex) standards and are approved for installing in these locations. This unit IS NOT certified to United States (NEC) or Canadian (CEC) standards for hazardous location. This unit DOES NOT carry UL or CSA ratings. Please contact Larson Electronics for NEC/CEC equvilant version of this product if you intend to install the product in United States, Canada, or any country that followed NEC or CEC electrical standards.

Transformer Features: With a transformer rating of 100 VA (0.10 kVA), the MT-AE.EX-CTX-380V-0.1KVA-120V-TB is a machine tool industrial single phase control transformer with primary voltages of 380 V. It also provides secondary voltage of 120 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 a 80°C temperature rise.

Benefits: The MT-AE.EX-CTX-380V-0.1KVA-120V-TB 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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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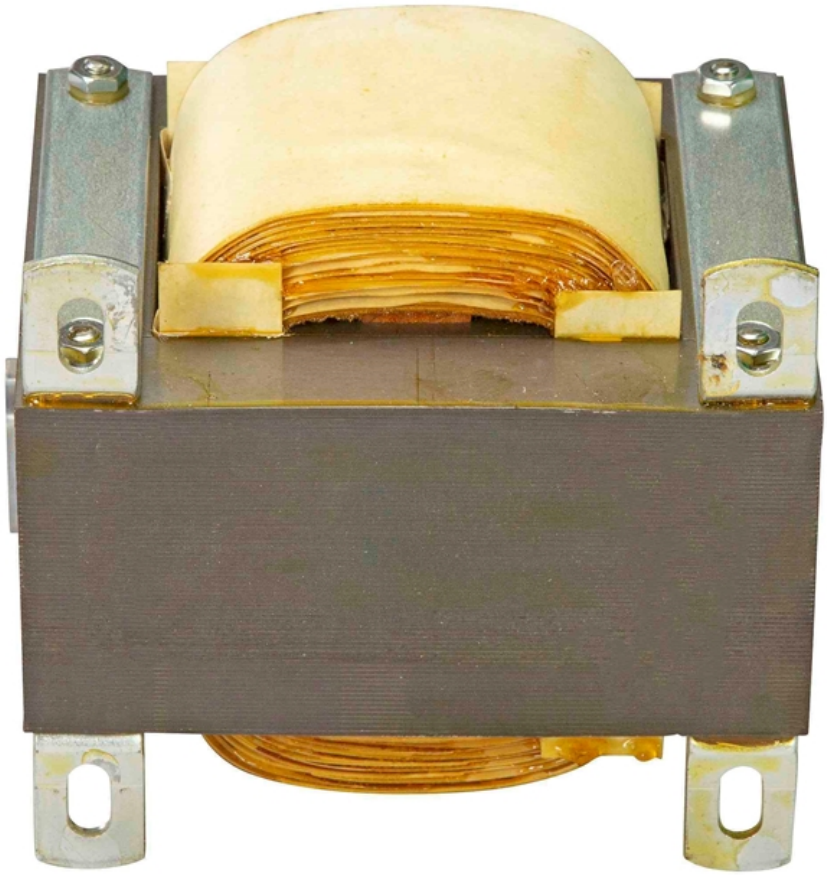


Image: MT-AE.EX-CTX-380V-0.1KVA-120V-TB

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

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/266688.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/266688.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/266688.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/266688.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/266688.JPG)
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