

MMT-277V-50VA-120V

50 VA Micro Transformer - 277V Single Phase Input - 120V Single Phase Output

Product ID: 152822



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.

MMT-277V-50VA-120V Micro Transformer

Phase: Single Phase
Frequency: 50/60Hz
K Factor: 1
VA: 50
Input Voltage: 277V
Configuration: Encapsulated
Output Voltage: 120V
Termination: Screw Terminals
Insulation: 130°C
Temperature Rise: 80°C
Enclosure Material: Injection Molded Cover
Mounting: Heavy Steel Feet
Dimensions: 5.25"L x 8.19"W x 4.94"H
Weight: 32 lbs

Approvals/Ratings

Listing: UL Listed
Approved for US and Canada
RoHS Compliant
CE Mark Standard

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 MMT-277V-50VA-120V from Larson Electronics is a 277V single phase input voltage micro transformer that is powerful, reliable and innovatively designed. With high-quality silicon steel laminations providing optimal performance, the MMT-277V-50VA-120V provides increased reliability and protection against critical equipment failures. This micro 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 micro transformer superior cooling abilities and a sleek appearance.

Transformer Features: With a transformer rating of 50VA, the MMT-277V-50VA-120V is a single phase machine tool industrial micro transformer with an input voltage of 277V. It also provides an output voltage of 120V. 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 MMT-277V-50VA-120V micro 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 micro transformer has heavy steel mounting feet that are either welded or bolted to the core. The terminations are a combination slot/Philips #6 screw and SEMS washers makes for simple connection of load or supply wires even with no terminal connectors.

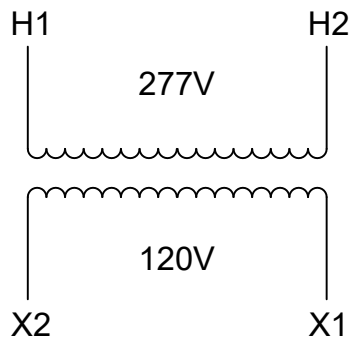
Applications: Power Managment, Industrial

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

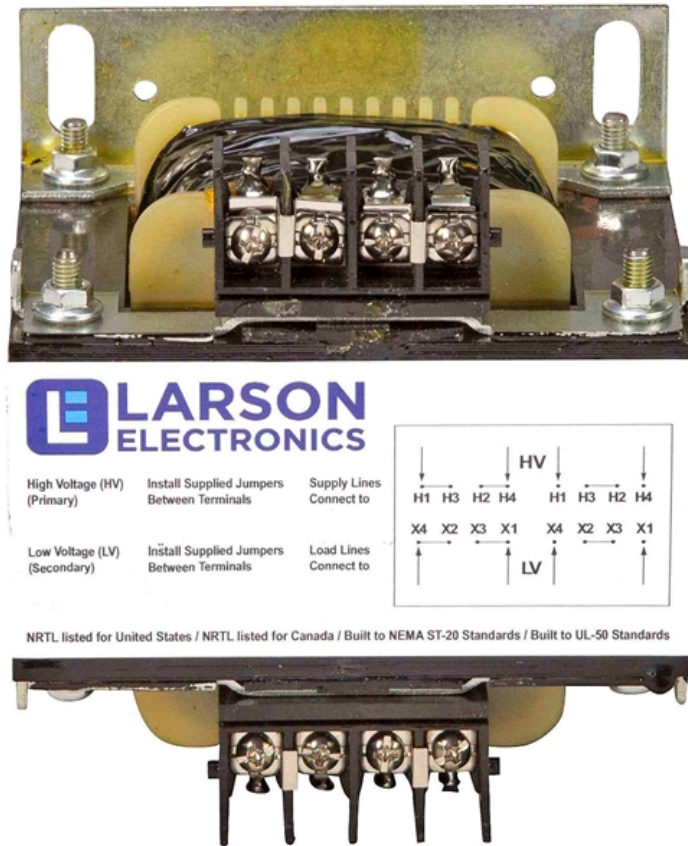
WARNING: DO NOT SERVICE WHILE ENERGIZED!

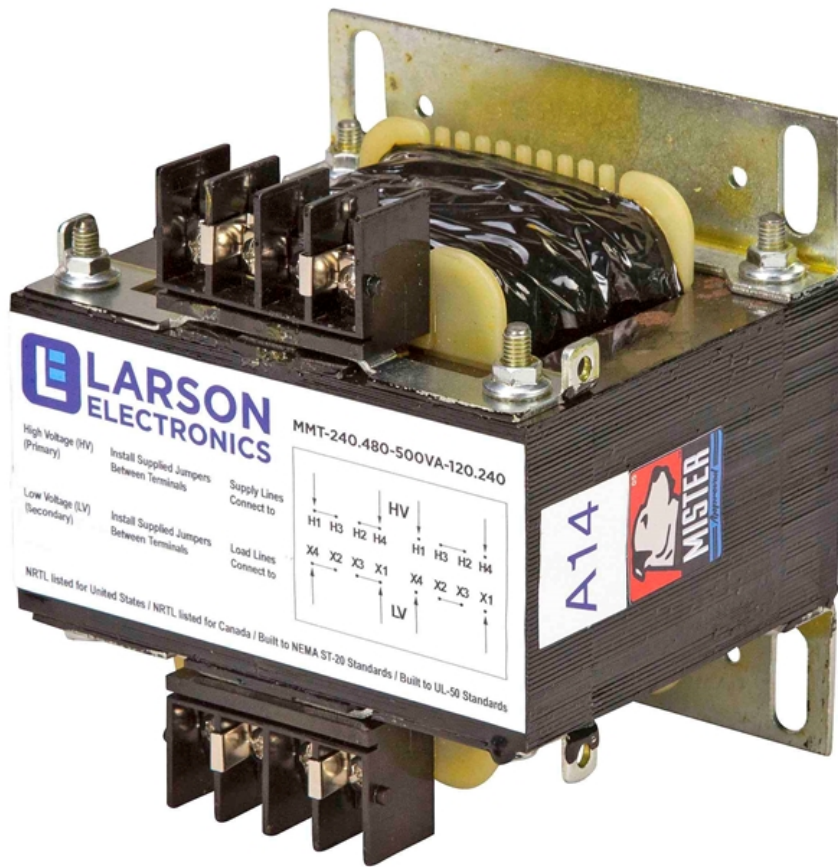
MMT-277V-50VA-120V

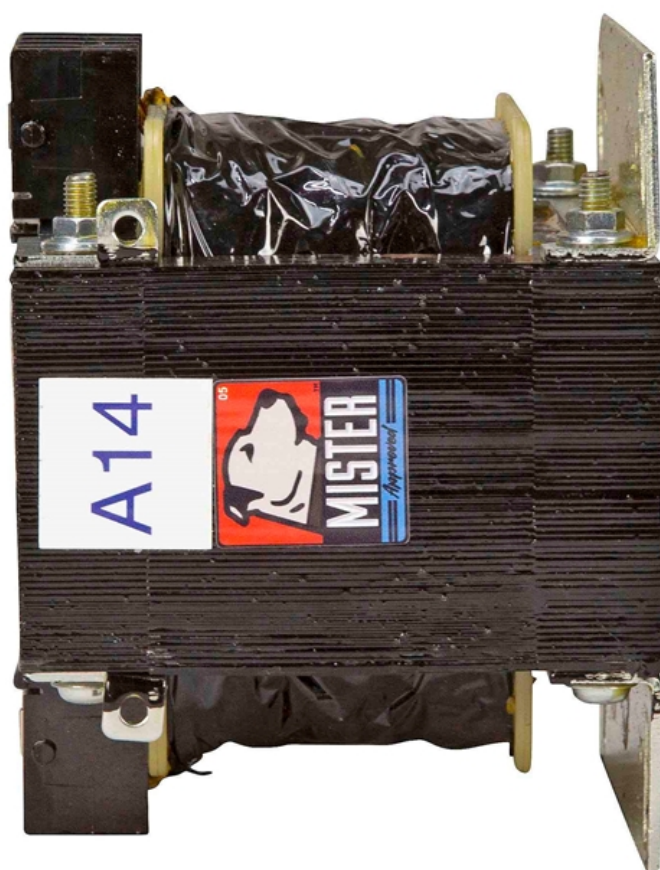


Connections

Primary Volts	Primary Lines Connect To
277	H1 - H2
Secondary Volts	Secondary Lines Connect To
120	X1 - X2









Frequently Asked Questions (FAQ)