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-ATX-3P-240Y.139-39KVA-480Y-N3R-50.60HZ

39 kVA Autotransformer - 240Y/139 Wye-N Primary - 480V Wye Secondary - NEMA 3R - 50/60Hz

Product ID: 312086



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-ATX-3P-240Y.139-39KVA-480Y-N3R-50.60HZ Autotransformer

Unit Type: Autotransformer
Duty: Elevator
Phase: Three Phase
Frequency: 50/60 Hz
Capacity: 39 KVA
Primary Voltage: 240Y/139
Primary Connection: Wye-N
Secondary Voltage: 480V
Secondary Connection: Wye
Impedence: 4% to 5%
Taps: 3-Position - (2) 7.5% FCBN
Efficiency @ 35% Load: 98.6%
Winding Material: Copper
Primary Termination (Std): Terminal Lugs
Primary Overcurrent Protection (OCP): N/A
Secondary Termination (Std): Terminal Lugs
Secondary Overcurrent Protection (OCP): Included, Fuses
Mounting: Floor or Wall
Cooling: Air/Dry (AA Class)
Thermostat: Included, (3) w/ 165°C N.C Contacts
Insulation: 180°C
Temperature Rise: 95°C
Ambient Temperature Rating: 40°C
Sound Level: Meets NEMA ST-20 Standards
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated - Steel
Finish: ANSI 61 Grey, UL50 Finish

Approvals/Ratings

Autotransformer
CSA Certified
Listing: UL Listed

Tests

Primary Hi-pot Test
Secondary Hi-pot Test
Induced Voltage Test
Excitation Current test

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Dimensions: 40.12"H x 26.5"W x 21.88"D

Weight: 130 lb

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

The MT-ATX-3P-240Y.139-39KVA-480Y-N3R-50.60HZ 240Y/139 3 Phase 50/60 Hz Energy Efficient Autotransformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-ATX-3P-240Y.139-39KVA-480Y-N3R-50.60HZ provides increased reliablity and protection against critical equipment failures. The lower operating costs, lower heat emissions and lower cost of ownership make this transformer ideal for a wide range of applications and businesses.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS

Transformer Features: With a transformer rating of 39 kVA, the MT-ATX-3P-240Y.139-39KVA-480Y-N3R-50.60HZ transformer is a three phase unit with a primary voltage of 240Y/139 Wye-N. It also provides a secondary voltage of 480V Wye. Featuring robust construction, this unit`s cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology.

This 50/60 Hz unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The Standard Type 3R enclosure makes the unit suitable for both indoor and outdoor applications and it can be either floor or wall mounted. The unit also features 180° insulation with a 95°C temperature rise.

Benefits: The MT-ATX-3P-240Y.139-39KVA-480Y-N3R-50.60HZ general purpose transformer offers many benefits to the consumer. Precision cut copper transformer winding material help to improve performance. The close tolerances used during manufacturing also eliminates burrs which hinder performance. Each core is specially coated to prevent the ingress of moisture and are electrically balanced to minimize axial forces during short circuit situations.

This 50/60 Hz transformer provides owners with significant energy savings as well as offering environmental benefits. Higher efficiency not only extends the life of the transformer, but also turn into cost savings for owners in the form of lower energy bills and decreased cost of ownership. Integrated floor and wall mounting brackets make installation fast and easy and the offset outward facing floor installation holes allow for easy power tool access.

Safety: The MT-ATX-3P-240Y.139-39KVA-480Y-N3R-50.60HZ is an autotransformer which means that it has the ability to adjust the supply voltage to match specific load requirements when load isolation from the supply line is not required. Autotransformers are typically used is distribution systems that require small voltage corrections during operation.

Applications: Power supplies for sensitive equipment such as computers, medical devices, or laboratory instruments.

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.


DANGER PELIGRO




M



Frequently Asked Questions (FAQ)