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-220.380.440.480Y-160KVA-220.380.440.480Y-N3R

160 kVA Autotransformer - 220Y/127 x 380Y/220 x 440Y/254 x 480Y/277 Wye-N Primary Voltage - 220Y/127 x 380Y/220 x 440Y/254 x 480Y/277 Wye-N Secondary - NEMA 3R - 50/60Hz

Product ID: 317748



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-220.380.440.480Y-160KVA-220.380.440.480Y-N3R Autotransformer

Phase: Three Phase
Frequency: 50/60 Hz
Capacity: 160 KVA
Primary Voltage: 220Y/127 x 380Y/220 x 440Y/254 x 480Y/277
Primary Connection: Wye-N
Secondary Voltage: 220Y/127 x 380Y/220 x 440Y/254 x 480Y/277
Secondary Connection: Wye-N
Taps: (2) 2.5% FCAN, (4) 2.5% FCBN
Impedance: 4-5%
Efficiency @ 35% Load: 98.6%
Winding Material: Aluminum
Primary Termination (Std): Bolted Terminals
Primary Cables: Included, Flexible Cables, 10ft, 350 MCM
Secondary Termination (Std): Bolted Terminals
Secondary Cables: Included, Flexible Cables, 10ft, 350 MCM
Mounting: Floor or Wall
Cooling: Air/Dry
Insulation: 155°C
Temperature Rise: 100°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
Dimensions: 32.00"H x 27.00"W x 26.00"D

Approvals/Ratings

Listing: UL Listed
CSA Certified
Autotransformer

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Weight: 585 lbs

E-mail: sales@larsonelectronics.com

The MT-ATX-3P-220.380.440.480Y-160KVA-220.380.440.480Y-N3R 160 KVA 3 Phase 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-220.380.440.480Y-160KVA-220.380.440.480Y-N3R provides increased reliability 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 160 kVA, the MT-ATX-3P-220.380.440.480Y-160KVA-220.380.440.480Y-N3R transformer is a three phase unit with a primary voltage of 220Y/127 x 380Y/220 x 440Y/254 x 480Y/277 Wye-N. It also provides a secondary voltage of 220Y/127 x 380Y/220 x 440Y/254 x 480Y/277 Wye-N. Featuring robust construction, this unit's cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology.
This 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 155° insulation with a 100°C temperature rise.
Benefits: The MT-ATX-3P-220.380.440.480Y-160KVA-220.380.440.480Y-N3R general purpose transformer offers many benefits to the consumer. Precision cut aluminum transformer winding material helps to improve performance. The close tolerances used during manufacturing also eliminate burrs, which hinder performance. Each core is specially coated to prevent the ingress of moisture and is electrically balanced to minimize axial forces during short-circuit situations.
This 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 turns 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-220.380.440.480Y-160KVA-220.380.440.480Y-N3R 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)