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MT-ATX-3P-480.440.280.220Y-30KVA-N3R-MOD1

30 kVA Autotransformer - 480/440/280/220Y Wye Pri. - 480/440/280/220Y Wye Sec. - NEMA 3R

Product ID: 154575



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-480.440.280.220Y-30KVA-N3R-MOD1 Autoransformer

Phase: Three Phase
Frequency: 60 Hz
kVA: 30
Primary Voltage: 480/440/280/220 V Wye
Primary Configuration: Wye w/ Neutral
Taps: TBD
Secondary Voltage: 480/440/280/220 V Wye
Secondary Voltage: Wye w/ Neutral
Winding Material: Aluminum
Insulation: 180°C
Temperature Rise: 135°C
Impedance (Std): -
Seismic: Yes
K-Factor: 1.0
Sound Level: Meets NEMA ST-20 Standards
Primary Termination: -
Secondary Termination: -
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated
Finish: ANSI 61 Grey, UL50 Finish
Dimensions: 22.05"H x 20.08"W x 15.75"D

Ratings

Listed for United States and Canada
ANN Cooling
IP24 Rated
Autotransformer

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Weight: 189.6 lb

Mounting: Floor Mount

Intl: 1-214-616-6180

E-mail: sales@larsonelectronics.com

The MT-ATX-3P-480.440.280.220Y-30KVA-N3R-MOD1 480/440/280/220Y 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-480.440.280.220Y-30KVA-N3R-MOD1 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 30 kVA, the MT-ATX-3P-480.440.280.220Y-30KVA-N3R-MOD1 autotransformer is a three phase unit with a primary voltage of 480/440/280/220 V Wye. It also provides a secondary voltage of 480/440/280/220 V 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 unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The Standard NEMA Type 3R enclosure makes the unit suitable for both indoor and outdoor applications and it can be floor mounted. The unit also features 180°C insulation with a 135°C temperature rise and is rated IP24.

Benefits: The MT-ATX-3P-480.440.280.220Y-30KVA-N3R-MOD1 autotransformer offers many benefits to the consumer. Precision cut aluminum 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 autotransformer 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 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-480.440.280.220Y-30KVA-N3R-MOD1 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: General purposes.

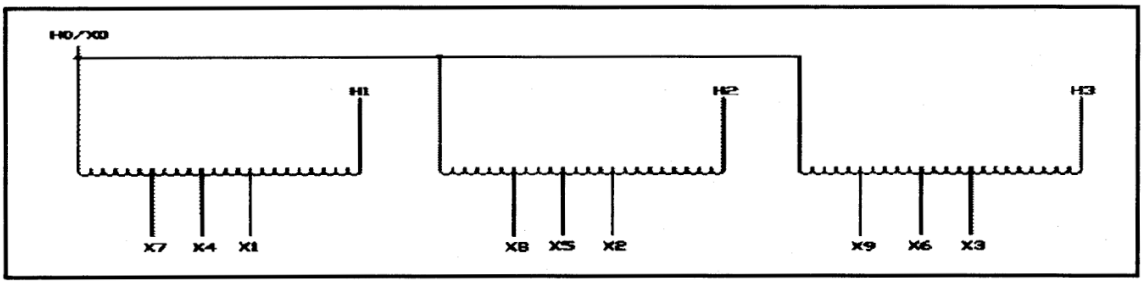
Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not 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-ASX-3P-480.440.280.220Y-30KVA-N3R-MOD1

High Voltage: 480Y/277 **Low Voltage: 220Y/280Y/440Y**



High Voltage: Lines on H1, H2, H3

Connect	-
Volts	480

SEISMIC
QUALIFIED to IBC, CBC
SDS=2.00g, z/h=1.0, Ip=1.5
Rigid Wall Mounted
OSHPD OSP-0109-10

Low Voltage: Lines on X1-X2-X3

X1-X2-X3	X4-X5-X6	X7-X8-X9
440Y/254	280Y/162	220Y/127

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Frequently Asked Questions (FAQ)