

## 31.2 kVA Zig Zag Autotransformer - 480V Delta Primary - 480Y/277V Wye-N Secondary - NEMA 3R - 60Hz

**MT-ATX-ZZ-480D-30KVA-480Y.277-N3R**



### Specifications / Additional Information

#### MT-ATX-ZZ-480D-30KVA-480Y.277-N3R Zig Zag Autotransformer

**Transformer Type:** Zig Zag Autotransformer

**Phase:** Three Phase

**Frequency:** 60 Hz

**kVA:** 31.2

**Primary Voltage:** 480 V Delta

**Taps:** -

**Secondary Voltage:** 480Y/277 V Wye-N

**Max Continuous Amperage Per Leg:** 37.52 Amps

**Winding Material:** Aluminum

**Insulation:** 180°C

**Temperature Rise:** 115°C

**Impedance (Std):** -

**Seismic:** Yes

**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:** 11.25"H x 21.00"W x 6.50"D

**Weight:** 165 lb

**Mounting:** Floor or Wall Mount

#### Ratings

NRTL Listed for United States and Canada

ANN Cooling

IP24 Rated

Zig Zag Autotransformer

Provides a Neutral from Delta Configuration

#### Special Orders- Requirements

Contact us for special requirements

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**The MT-ATX-ZZ-480D-30KVA-480Y.277-N3R Three Phase Zig Zag Autotransformer from Larson Electronics is powerful, reliable, and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-ATX-ZZ-480D-30KVA-480Y.277-N3R provides increased reliability, higher efficiency, protection against critical equipment failures and an extra level of protection by isolating the power source from the connected device. The lower operating costs, lower heat emissions and lower cost of ownership make this transformer ideal for a wide range of applications and businesses. The MT-ATX-ZZ-480D-30KVA-480Y.277-N3R is a zig zag autotransformer which means that it is designed to provide a neutral from a delta configuration.**

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

**Transformer Features:** With a transformer rating of 31.2 kVA, the MT-ATX-ZZ-

480D-30KVA-480Y.277-N3R zig zag autotransformer is a three phase unit with a primary voltage of 480 V Delta. It also provides a secondary voltage of 480Y/277 V 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 NEMA Type 3R enclosure makes the unit suitable for both indoor and outdoor applications and it can be floor or wall mounted. The unit also features 180°C insulation with a 115°C temperature rise and is rated IP24.

**Benefits:** The MT-ATX-ZZ-480D-30KVA-480Y.277-N3R zig zag 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 zig zag 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 mounting brackets make installation fast and easy and the offset outward facing installation holes allow for easy power tool access.

**Safety:** The MT-ATX-ZZ-480D-30KVA-480Y.277-N3R is a zig zag 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 in distribution systems that require small voltage corrections during operation.

**\*Please note that this zig zag autotransformer does NOT provide any form of isolation. It is designed to provide a neutral from a delta configuration.\***

**Applications:** Situations that require a transformer that has a neutral from a delta configuration.

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](mailto:sales@larsonelectronics.com) to discuss your specific requirements.

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