

**1000 kVA Transformer - 4160V Delta Primary Voltage - 480Y/277 Wye-N Voltage Secondary - NEMA 3R**

Part #: [MT-PMD-3P-4160D-1000KVA-480Y.277-N3R-V2](#)



The MT-PMD-3P-4160D-1000KVA-480Y.277-N3R-V2 4160 V Delta 3 Phase Energy Efficient Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-PMD-3P-4160D-1000KVA-480Y.277-N3R-V2 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 1000 kVA, the MT-PMD-3P-4160D-1000KVA-480Y.277-N3R-V2 transformer is a three phase unit with a primary voltage of 4160 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 Type 3R enclosure makes the unit suitable for both indoor and outdoor applications and it can be floor mounted. The unit also features Class H 185°C insulation with a 115°C temperature rise and is rated IP24.

**Benefits:** The MT-PMD-3P-4160D-1000KVA-480Y.277-N3R-V2 general purpose transformer 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 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.

**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.

#### Specifications / Additional Information

##### MT-PMD-3P-4160D-1000KVA-480Y.277-N3R-V2 Transformer

**Phase:** Three Phase

**Frequency:** 60 Hz

**kVA:** 1000

**Primary Voltage:** 4160 V Delta

**Primary Connection:** Delta

**Primary BIL:** 30 kV

**High Voltage Taps:** 4 Taps of + 2% @ 2.5% & -2 @ 2.5%

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

**Secondary Connection:** Wye-N

**Secondary BIL:** 10 kV

**Winding Material:** Aluminum

**Electrostatic Shield:** No

**Insulation:** 185°C

**Temperature Rise:** 115°C

**Impedance (Std):** 5.5% - 7.5%

##### Ratings

Listed for United States and Canada

Dry Type

IP24 Rated

Class H

Rear Access

Built to ANSI/IEEE Standards

**Ambient Temp Rating:** 40°C

**K Factor:** 1

**Terminations:** Stubs Up Cable Connected

**Enclosure Material:** NEMA Type 3R Heavy Duty Ventilated

**Finish:** ANSI 61 Grey, UL50 Finish

**Dimensions:** 72.00"H x 62.00"W x 40.00"D

**Weight:** 6400 lb

**Mounting:** Pad

**Special Orders- Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-214-616-6180

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

**-Scroll Down to Purchase-**

This product does not qualify for free shipping.

Part #: [MT-PMD-3P-4160D-1000KVA-480Y.277-N3R-V2 \(223851\)](#)







Links (Click on the below items to view):

- [Dimensional Drawing](#)
- [Hi-Res Image 1 1000 kVA Transformer \(Main\)](#)
- [Hi-Res Image 2 1000 kVA Transformer \(Front\)](#)
- [Hi-Res Image 3 1000 kVA Transformer \(Angle\)](#)
- [Hi-Res Image 4 1000 kVA Transformer \(Side\)](#)