

**75 kVA Hazardous Location Transformer - 480V Delta Primary - 600Y/347 Wye-N Secondary - C1D2**

Part #: MT-HAL-3P-480D-75KVA-600Y.347-N3R-CU



The MT-HAL-3P-480D-75KVA-600Y.347-N3R-CU 480 V Delta 3 Phase Energy Efficient Isolation Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-HAL-3P-480D-75KVA-600Y.347-N3R-CU 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. The MT-HAL-3P-480D-75KVA-600Y.347-N3R-CU transformer is rated for use in Class I Division 2 Groups A, B, C, and D hazardous areas.

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

**Transformer Features:** With a transformer rating of 75 kVA, the MT-HAL-3P-480D-75KVA-600Y.347-N3R-CU isolation transformer is a three phase unit with a primary voltage of 480 V Delta. It also provides a secondary voltage of 600Y/347 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 mounted. The unit also features 180°C insulation with a 115°C temperature rise and is rated IP24.

**Benefits:** The MT-HAL-3P-480D-75KVA-600Y.347-N3R-CU isolation 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 isolation 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 mounting brackets make installation fast and easy and the offset outward facing floor installation holes allow for easy power tool access.

**Safety:** The MT-HAL-3P-480D-75KVA-600Y.347-N3R-CU is an isolation transformer which means that it provides operators with an increased level of protection against electric shock. An isolation transformer can also suppress electrical noise in sensitive devices and transfer power between two circuits which must not be connected. The MT-HAL-3P-480D-75KVA-600Y.347-N3R-CU achieves these safety features by separating or "isolating" the powered device from the power source and insulation between the primary and secondary power sources.

**Applications:** General purposes in Class I Division 2 Groups A, B, C, & D hazardous locations.

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

<u>MT-HAL-3P-480D-75KVA-600Y.347-N3R-CU Isolation Transformer</u>	<u>Ratings</u>
<b>Phase:</b> Three Phase	Listed for United States and Canada
<b>Frequency:</b> 60 Hz	Class I Division 2 Groups A, B, C, & D
<b>kVA:</b> 75	Class I, Zone 2, Group IIC, T3
<b>Primary Voltage:</b> 480 V Delta	ANC Cooling
<b>Primary Connection:</b> Delta	IP24 Rated
<b>Primary FCAN:</b> 2 x 2.5%	Isolation Transformer
<b>Primary FCBN:</b> 4 x 2.5%	
<b>Secondary Voltage:</b> 600Y/347 V Wye-N	
<b>Secondary Connection:</b> Wye-N	
<b>Winding Material:</b> Copper	
<b>Efficiency:</b> No Efficiency Specification	
<b>Insulation:</b> 180°C	

**Temperature Rise:** 115°C

**Secondary Phase Angle:** 30°C

**Ambient Temperature Rating:** 40°C

**Temperature Class:** T3A

**Impedance (Std):** -

**Seismic Zone:** Zone 4

**Sound Level:** 55 dBA (ST-20)

**Primary Termination:** Mounting Pads

**Secondary Termination:** Mounting Pads

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

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

**Dimensions:** 39.13"H x 38.44"W x 26.00"D

**Weight:** 3200 lb

**Mounting:** Floor Mount

**Special Orders- Requirements**

Contact us for special requirements

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

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

**E-mail:** sales@larsonelectronics.com

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