

**30 kVA Hazardous Location Isolation Transformer - 208D Primary - 208Y/120V Secondary - C1D2 - C2D2**

Part #: [MT-HAL-ISO-208D-30KVA-208Y.120](#)



The MT-HAL-ISO-208D-30KVA-208Y.120 200D 3 Phase Energy Efficient Hazardous Location 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-ISO-208D-30KVA-208Y.120 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-ISO-208D-30KVA-208Y.120 is rated for use in Class I Division 2 and Class II Division 2 Groups E, F & G hazardous locations.

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

**Transformer Features:** With a transformer rating of 30kVA, the MT-HAL-ISO-208D-30KVA-208Y.120 hazardous location isolation transformer is a three phase unit with a primary voltage of 208 Delta. It also provides a secondary voltage of 208Y/120. 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 Class H 180° insulation with a 130°C temperature rise.

**Benefits:** The MT-HAL-ISO-208D-30KVA-208Y.120 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.

**Safety:** The MT-HAL-ISO-208D-30KVA-208Y.120 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-ISO-208D-30KVA-208Y.120 achieves these safety features by seperating or "isolating" the powered device from the power source and insulation between the primary and secondary power sources.

**Applications:** General transformer purposes in C1D2 and C2D2 hazardous work areas.

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-HAL-ISO-208D-30KVA-208Y.120 Hazardous Location Isolation Transformer**

**Phase:** Three Phase

**Frequency:** 60Hz

**kVA:** 30

**Primary Voltage:** 208 Delta

**Primary Connection:** Delta

**Secondary Voltage:** 208Y/120V

**Secondary Connection:** Wye-N

**Winding Material:** Aluminum

**Insulation:** 180°

**Temperature Rise:** 130°C

**Impedance @ 135°C:** 2.2%

**Primary Termination (Std):** Lead Wires

##### **Approvals/Ratings**

Listed for United States and Canada

ANC Cooling

Class I Division 2

Class II Division 2 Groups E, F & G

Isolation Transformer

**Secondary Termination (Std):** Lead Wires

**Sound Level:** Meets NEMA ST-20 Standards

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

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

**Dimensions:** 22.25"W x 13.00"D x 28.38"H

**Weight:** 523 lbs

**Special Orders- Requirements**

Contact us for special requirements

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

**Intl:** 1-903-498-3363

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

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