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ATEX-MT-HAL-SS-3P-480D-6KVA-208Y.120-N4X-CU

6 kVA Hazardous Location Transformer, 480V Delta Primary, 208Y/120 Wye-N Secondary, NEMA 4X, ATEX-Zone 2-IIA & T3

Product ID: 333001

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: ATEX-MT-HAL-SS-3P-480D-6KVA-208Y.120-N4X-CU

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.

ATEX-MT-HAL-SS-3P-480D-6KVA-208Y.120-N4X-CU Hazardous Location Transformer

Phase: Three Phase
Frequency: 60 Hz
Capacity: 6 KVA
Primary Voltage: 480V
Primary Connection: Delta
Primary FCAN (Std): 2 x 2.5%
Primary FCBN (Std): 4 x 2.5%
Secondary Voltage: 208Y/120
Secondary Connection: Wye-N
Vector Group: Dyn1
Winding Material: Copper
Efficiency Regulation: No Efficiency Specification
Temperature Class: T3
Insulation: 180°
Temperature Rise: 115°C
Secondary Phase Angle: 30°
Shield: Single
Primary Termination (Std): Mechanical Lugs
Secondary Termination (Std): Mechanical Lugs
Hazardous Area Classification: Zone 2, IIA & T3

Approvals/Ratings

NRTL Listed for United States and Canada
NEMA 4X
ATEX Zone 2, IIA & T3
Hazardous Area Classification

Sound Level: Meets NEMA ST-20 Standards
Enclosure Material: NEMA Type 4X Heavy Duty Ventilated, Stainless Steel
Finish: Powder Coated Grey
Dimensions: 16.63"H x 19.25"W x 10.44"D
Weight: 608 lbs

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The ATEX-MT-HAL-SS-3P-480D-6KVA-208Y.120-N4X-CU 3 Phase Energy Efficient Hazardous Location Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the ATEX-MT-HAL-SS-3P-480D-6KVA-208Y.120-N4X-CU provides increased reliability, 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. This transformer is approved for use in Class I Division 2 Groups A, B, C & D hazardous environments.

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

Transformer Features: With a transformer rating of 6 kVA, the ATEX-MT-HAL-SS-3P-480D-6KVA-208Y.120-N4X-CU hazardous location transformer is a three phase unit with a primary voltage of 480V Delta. It also provides a secondary voltage of 208Y/120 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 4X enclosure makes the unit suitable for both indoor and outdoor applications and it can be floor mounted. The unit also features 180° insulation with a 115°C temperature rise, T3 temperature class

Benefits: The ATEX-MT-HAL-SS-3P-480D-6KVA-208Y.120-N4X-CU hazardous location transformer offers many benefits to the consumer. Precision cut copper transformer winding material helps to improve performance. The close tolerances used during manufacturing also eliminate burrs, which hinder performance. Each core is specially coated to prevent the ingress of moisture and is 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 turns 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 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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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