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ATEX-MT-HAL-SS-3P-690D-15KVA-110D-N4X-M2

15 kVA Hazardous Location Transformer, 690V Delta Primary, 110V Delta Secondary, NEMA 4X, ATEX-Zone 2-IIC & T3

Product ID: 313844

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



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-690D-15KVA-110D-N4X-M2 Hazardous Location Transformer

Phase: Three Phase

Frequency: 60 Hz
Capacity: 15 KVA

Primary Voltage: 690V

Primary Connection: Delta

Primary BIL: 30 kV

Primary FCAN (Std): 2 x 2.5%
Primary FCBN (Std): 4 x 2.5%
Secondary Voltage: 110V
Secondary Connection: Delta

Secondary BIL: 30 kV

Vector Group: Dd0

Winding Material: Copper
Efficiency Regulation: 99.82%
Temperature Class: T3
Insulation: 180°
Temperature Rise: 115°C

Impedence: 1.2-6.0%

Shield: Single
Primary Termination (Std): Mechanical Lugs

Approvals/Ratings

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

Secondary Termination (Std): Mechanical Lugs

Hazardous Area Classification: Zone 2, IIC & T3

Cable Entry: (2) M32 Threaded Holes, Bottom

Max. Relative Humidity: 85%

Ambient Temperature Rating: -20°C to +40°C

Sound Level: Meets NEMA ST-20 Standards

Enclosure Material: NEMA Type 4X (IP 66) Heavy Duty Ventilated, Stainless Steel

Finish: 2Pack Epoxy RAL7035 Light 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-690D-15KVA-110D-N4X-M2 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-690D-15KVA-110D-N4X-M2 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 15 kVA, the ATEX-MT-HAL-SS-3P-690D-15KVA-110D-N4X-M2 hazardous location transformer is a three phase unit with a primary voltage of 690V Delta. It also provides a secondary voltage of 110V Delta. 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-690D-15KVA-110D-N4X-M2 hazardous location 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 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 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)

Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**