Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

MT-HAL-3P-690D-45KVA-400Y.230-N3R-50HZ

45 kVA Hazardous Location Transformer - 690V Delta Primary - 400Y/230 Wye-N Secondary - C1D2 - NEMA 3R - 50Hz

Product ID: 268368



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.

MT-HAL-3P-690D-45KVA-400Y.230-N3R-50HZ C1D2 Transformer

Phase: Three Phase
Frequency: 50 Hz
kVA: 45
Primary Voltage: 690 V Delta
Secondary Voltage: 400Y/230 V Wye-N
Taps: None
Winding Material: Aluminum
Primary Termination (Std): Wire Leads
Secondary Termination (Std): Wire Leads
Mounting: Floor or Wall
Cooling: Air/Dry
Insulation: 180°C
Temperature Rise: 115°C
Sound Level: Meets NEMA ST-20 Standards
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated
Finish: ANSI 61 Grey Finish
Dimensions: 26.00"H x 26.00"W x 13.50"D
Weight: 750 lb

Approvals/Ratings

NRTL Listed for United States & Canada
Class I Division 2

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
E-mail: sales@larsonelectronics.com

The MT-HAL-3P-690D-45KVA-400Y.230-N3R-50HZ Three Phase Energy Efficient C1D2 Encapsulated 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-690D-45KVA-

400Y.230-N3R-50HZ provides increased reliablity 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-690D-45KVA-400Y.230-N3R-50HZ is rated for use in Class I Division 2 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 45 kVA, the MT-HAL-3P-690D-45KVA-400Y.230-N3R-50HZ transformer is a three phase unit with a primary voltage of 690 V Delta. It also provides a secondary voltage of 400Y/230 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 50 Hz unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The NEMA 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 180° insulation with a 115°C temperature rise.

Benefits: The MT-HAL-3P-690D-45KVA-400Y.230-N3R-50HZ general purpose 50 Hz 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 transformer purposes in C1D2 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.

Material Safety Data Sheet

To Whom It May Concern,

Larson Electronics LLC MT-ATX, MT-BBT, MT-DIX, MT-DOE10, MT-DOE16, MT-ISX, and MT-PMD industrial line of transformers are considered "ARTICLES" under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS).

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

i. Which is formed to a specific shape or design during manufacture;
ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
iii. Which under normal conditions does not release more than very small quantities.

Regards,

Ray Smith
Larson Electronics, LLC.

LARSON ELECTRONICS LLC • 9419 E US HWY 175 • KEMP, TX 75143
p: 1-800-369-6671 • intl: 903-498-3363 • f: 903-498-3364 • sales@larsonelectronics.com

Frequently Asked Questions (FAQ)