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ETX-MT-PDT-VPM-R7-3P-DC-50KVA-YT-A6-FZ-CS-1Z-ZZ-Z-N4X-M1

50 kVA Hazardous Location Vacuum Pressure Impregnated Transformer - 600V Delta Primary - 208Y/120 Wye-N Secondary - NEMA 4X - Fully Potted / Encapsulated - C1D1

Product ID: 316394



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.

ETX-MT-PDT-VPM-R7-3P-DC-50KVA-YT-A6-FZ-CS-1Z-ZZ-Z-N4X-M1 Vacuum Pressure Impregnated/Encapsulated Transformer

Unit Type: Vacuum Pressure Impregnated Transformer, Encapsulated in Epoxy
Phase: Three Phase
Frequency: 60 Hz
Capacity: 50 kVA
Primary Voltage: 600V Delta
Secondary Voltage: 208Y/120 Wye-N
Winding Material: Copper
Primary Termination (Std): Wire Leads
Secondary Termination (Std): Wire Leads
Tap Changer: 5-Position De-energized Tap Changer
Tap Qty: (2) FCAN Above, (2) FCBN Below
Tap %: 2.5%
Tap Changer Switch Location: HV Side
Mounting: Floor
Cooling: Air/Dry
Insulation: 180°C
Temperature Rise: 115°C
Sound Level: Meets NEMA ST-20 Standards
Enclosure Material: NEMA Type 4X - Type 304 Stainless Steel
Finish: Natural Finish
Dimensions: 26.82"-H x 34.68"-W x 15.25"-L
Weight: 1126 lbs

Approvals/Ratings

NRTL Listed for United States & Canada
Class I Division 1
T3C Temperature Rating

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 ETX-MT-PDT-VPM-R7-3P-DC-50KVA-YT-A6-FZ-CS-1Z-ZZ-Z-N4X-M1 50 kVA 3 Phase Vacuum Pressure Impregnated/Encapsulated Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the ETX-MT-PDT-VPM-R7-3P-DC-50KVA-YT-A6-FZ-CS-1Z-ZZ-Z-N4X-M1 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 ETX-MT-PDT-VPM-R7-3P-DC-50KVA-YT-A6-FZ-CS-1Z-ZZ-Z-N4X-M1 is rated for use in Class I Division 1 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 50 kVA, the ETX-MT-PDT-VPM-R7-3P-DC-50KVA-YT-A6-FZ-CS-1Z-ZZ-Z-N4X-M1 transformer is a three phase unit with a primary voltage of 600V 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 304 stainless steel enclosure makes the unit NEMA Type 4X rated and suitable for both indoor and outdoor applications. This encapsulated transformer is designed to be floor mounted. The unit also features 180°C insulation with a 115°C temperature rise.

Benefits: The ETX-MT-PDT-VPM-R7-3P-DC-50KVA-YT-A6-FZ-CS-1Z-ZZ-Z-N4X-M1 general purpose 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: Power supplies for sensitive equipment such as computers, medical devices, or laboratory instruments.

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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MT-HAL-SS-3P-480D-15KVA-208Y.120-N4
PRIMARY
H1 H2 H3
X0 X1 X2 X3
SECONDARY
Connections
Primary Volts
On Each Coil Jumper Taps To
Primary Lines Connect To
480
1
H1, H2, H3
456
2
H1, H2, H3
432
3
H1, H2, H3
Secondary Volts
Secondary Lines Connect To
208
X1, X2, X3
120
1 Phase
Between X0 and X1 or X2 or X3
Certified ISO 9001: 2015 Quality System
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sales@larsonelectronics.com
WARNING
General Purpose Transformer
A14
MISTER


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WARNING
A14




GROUND
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WARNING

Frequently Asked Questions (FAQ)