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MT-SLX-3P.1P-208Y-25KVA-120.240V-N3R

25 kVA Solar Isolation Transformer - 208V Wye Primary - 120/240V 1P Secondary - Three Phase to Single Phase - NEMA 3R - Back Feed Capable

Product ID: 273768

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-SLX-3P.1P-208Y-25KVA-120.240V-N3R Solar Isolation Transformer

Phase: Three Phase to Single Phase
Frequency: 60 Hz
kVA: 25
Primary Voltage: 208Y V Wye (Three Phase)
Taps: 2 x 2.5% FCAN; 4 x 2.5% FCBN
Secondary Voltage: 120/240 V (Single Phase)
Winding Material: Aluminum
Insulation: 220°C
Temperature Rise: 150°C
Impedance (Std): -
Seismic: Yes
Sound Level: Meets NEMA ST-20 Standards
Primary Termination: -
Secondary Termination: -
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated
Finish: ANSI 61 Grey Finish
Dimensions: 29.00"H x 17.00"W x 22.50"D
Weight: 265 lbs
Mounting: Floor Mount

Ratings

NRTL Listed for United States and Canada
ANN Cooling
IP14 Rated
Back Feed Capable
Solar Isolation Transformer

Special Orders - Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-214-616-6180

E-mail: sales@larsonelectronics.com

The MT-SLX-3P.1P-208Y-25KVA-120.240V-N3R 208 V Wye 3 Phase to 1 Phase Energy Efficient Solar Isolation Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-SLX-3P.1P-208Y-25KVA-120.240V-N3R 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-SLX-3P.1P-208Y-25KVA-120.240V-N3R can be back fed to return surplus power to the grid.

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

Transformer Features: With a transformer rating of 25 kVA, the MT-SLX-3P.1P-208Y-25KVA-120.240V-N3R solar isolation transformer is a three phase to single phase unit with a primary voltage of 208Y V Wye. It also provides a secondary voltage of single phase 120/240 V. Featuring robust construction, this unit`s cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology.

This back feed capable 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 3R enclosure makes the unit suitable for both indoor and outdoor applications and it can be floor mounted. The unit also features 220°C insulation with a 150°C temperature rise and is rated IP14.

Benefits: The MT-SLX-3P.1P-208Y-25KVA-120.240V-N3R solar isolation 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 solar isolation 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 brackets make installation fast and easy and the offset outward facing floor installation holes allow for easy power tool access.

Safety: The MT-SLX-3P.1P-208Y-25KVA-120.240V-N3R is a solar isolation transformer which means that it is designed for use with solar applications and 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-SLX-3P.1P-208Y-25KVA-120.240V-N3R achieves these safety features by separating or "isolating" the powered device from the power source and insulation between the primary and secondary power sources.

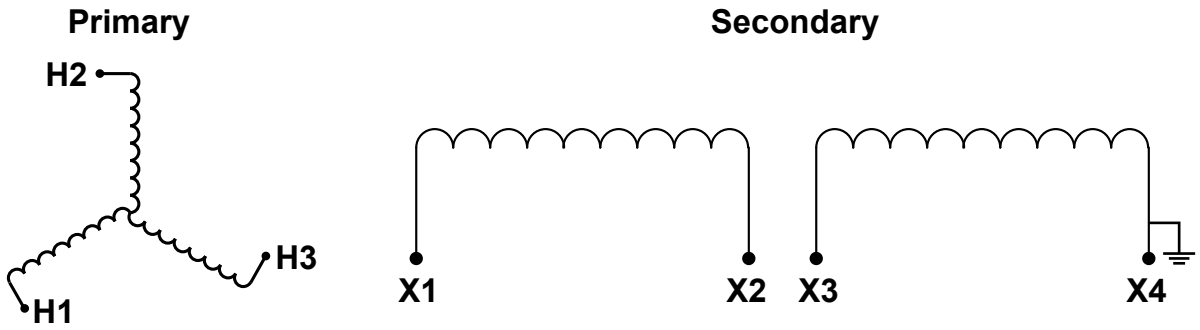
Applications: General purposes.

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.

Wiring Diagram

WARNING: *DO NOT SERVICE WHILE ENERGIZED! Do not back feed!*

MT-SLX-3P.1P-208Y-25KVA-120.240V-N3R



Primary volts = 208V
Connect lines to = H1, H2, H3

Secondary volts = 240V
Connect lines to = X1, X4
Innerconnect lines to = X2, X3

Secondary volts = 120/240V
Connect lines to = X1, X4
Innerconnect lines to = X2 to X3

Secondary volts = 120V
Connect lines to = X1, X4
Innerconnect lines to = X1 to X3, X2 to X4

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Frequently Asked Questions (FAQ)