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MT-DX-3P-460D-34KVA-230Y.133-N3R

34 KVA Drive Isolation Transformer - 460V Delta Primary - 230Y/133 Wye-N Secondary - NEMA 3R

Product ID: 282241



Image: MT-DX-3P-460D-34KVA-230Y.133-N3R

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-DX-3P-460D-34KVA-230Y.133-N3R Drive Isolation Transformer
Phase: Three Phase
Frequency: 60Hz
kVA: 34
Primary Voltage: 460V Delta
Primary Connection: Delta
Primary FCAN: 1 x 5%
Primary FCBN: 1 x 5%
Secondary Voltage: 230Y/133 Wye-N
Secondary Connection: Wye-N
Winding Material: Aluminum
Efficiency: No Efficiency Specification
Insulation: 220°C
Temperature Rise: 150°C
Secondary Phase Angle: 30°C
Impedance: 5.15%
Seismic Zone: Zone 4
Thermal Protective Device: Normally Closed (All Coils) Thermostatswith 200°C Setpoint
Sound Level: 45dBA (ST-20)
Primary Termination: Terminal Block
Secondary Termination: Mechanical Lugs
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated
Finish: ANSI 61 Grey, UL50 Finish
Dimensions: 24.39"-L x 19.37"-D x 25.48"-H
Weight: 333 lbs
Mounting: Floor

Ratings
Listed for United States and Canada
ANN Cooling
IP24 Rated
Isolation Transformer

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 MT-DX-3P-460D-34KVA-230Y.133-N3R 460V Delta 3 Phase Energy Efficient Drive Isolation Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-DX-3P-460D-34KVA-230Y.133-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.

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

Transformer Features: With a transformer rating of 34 KVA, the MT-DX-3P-460D-34KVA-230Y.133-N3R drive isolation transformer is a three phase unit with a primary voltage of 460V Delta. It also provides a secondary voltage of 230Y/133 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 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 IP24.

Benefits: The MT-DX-3P-460D-34KVA-230Y.133-N3R general purpose 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 drive 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 mounting brackets make installation fast and easy and the offset outward facing floor installation holes allow for easy power tool access.

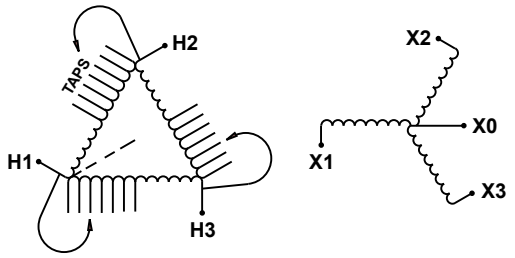
Applications: General purposes.

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!*

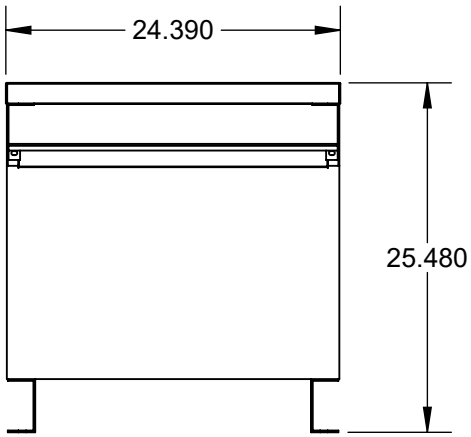
MT-DX-3P-460D-34KVA-230Y.133-N3R

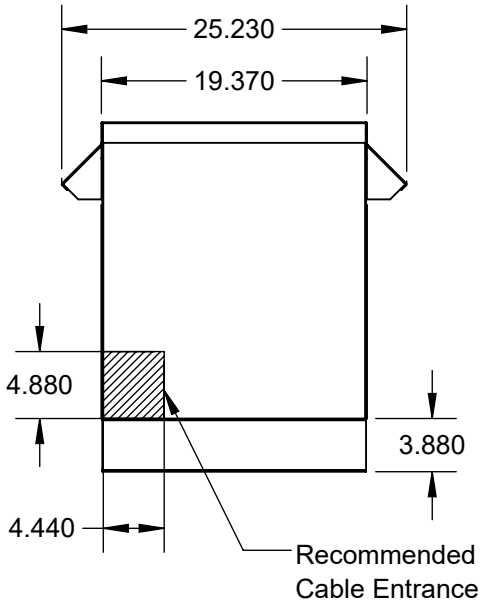


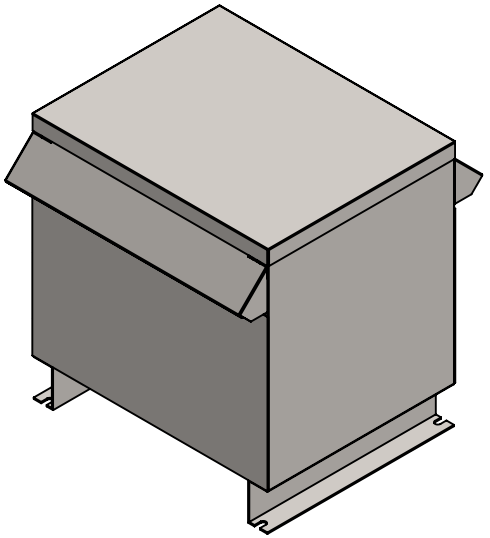
PRIMARY VOLTS	
CONNECT LINES TO H1, H2, H3	
TAP	VOLTAGE
3	460

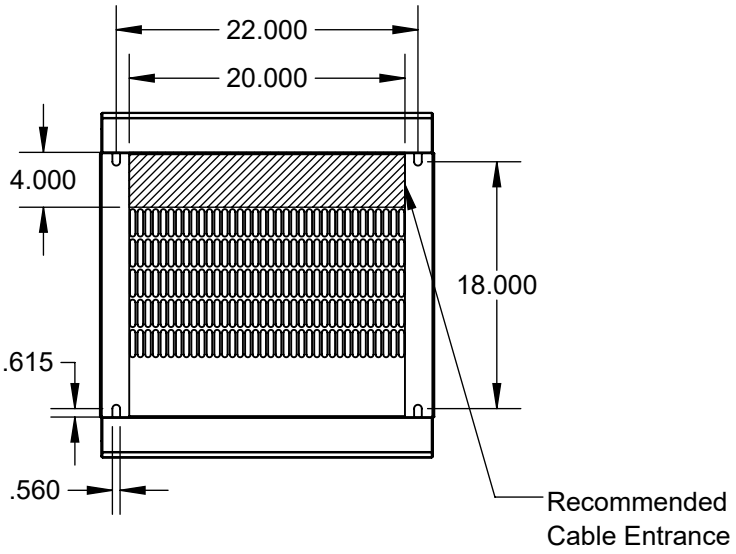
SECONDARY VOLTS	
CONNECT LINES	VOLTAGE
X1, X2, X3	230
X0-X1, X0-X2, X0-X3	133

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LARSON ELECTRONICS®

PART NUMBER:
MT-DX-3P-460D-34KVA-230Y.133-N3R

SIZE	REV
A	1

DIMENSIONS ARE IN INCHES				
DO NOT SCALE DRAWING	DATE	7/30/2025	SCALE: NTS	SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL
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Frequently Asked Questions (FAQ)

There are no Faqs