

MT-PCX-1PH-166.228V-1KVA-240V-N2-CU

1 kVA Power Conditioning Transformer - 166-228V Input - 240 V Output - NEMA 2

Product ID: 236929

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.

MT-PCX-1PH-166.228V-1KVA-240V-N2-CU Power Conditioning Transformer

Transformer Type: Power Conditioning
Phase: Three Phase
Frequency: 60 Hz
kVA: 1
Input Voltage: 208 V (166-228 V Range)
Taps: -
Output Voltage: 240 V
Winding Material: Copper
Insulation: 180°C
Efficiency: -
Temperature Rise: 115°C
Impedance (Std): -
Efficiency: 98.74%
Seismic: Yes
Sound Level: Meets NEMA ST-20 Standards
Primary Termination: -
Secondary Termination: -
Enclosure Material: NEMA Type 2
Finish: ANSI 61 Grey, UL50 Finish
Dimensions: 18.50"H x 6.50"W x 8.55"D
Weight: 82 lb
Mounting: Floor Mount

Ratings

Listed for United States and Canada
IP11 Rated
C22.2 No. 66
UL 1012
Power Conditioning Transformer

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
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E-mail: sales@larsonelectronics.com

The MT-PCX-1PH-166.228V-1KVA-240V-N2-CU 1 Phase Energy Efficient Power Conditioning Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for indoor applications, the MT-PCX-1PH-166.228V-1KVA-240V-N2-CU 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. This power conditioning transformer accepts a range of input voltages and provides a constant output voltage which is ideal for use in buildings that were not designed for the electrical demands of modern day office equipment.

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

Transformer Features: With a transformer rating of 1 kVA, the MT-PCX-1PH-166.228V-1KVA-240V-N2-CU power conditioning transformer is a single phase unit. It has an input voltage of 208 V (166-228V range) and an output voltage of 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 power conditioning unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The NEMA Type 2 enclosure makes the unit suitable for indoor applications and it can be floor mounted. The unit also features 180°C insulation with a 115°C temperature rise and is rated IP11.

Benefits: The MT-PCX-1PH-166.228V-1KVA-240V-N2-CU power conditioning 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 power conditioning 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 mounting brackets make installation fast and easy and the offset outward facing installation holes allow for easy power tool access. The MT-PCX-1PH-166.228V-1KVA-240V-N2-CU is capable of suppressing voltage spikes and surges, has a quick response time to line and load changes, and features inherent protections against overloads and short circuits.

Safety: The MT-PCX-1PH-166.228V-1KVA-240V-N2-CU is a power conditioning transformer which means that it provides operators with an increased level of protection against electric shock. A power conditioning transformer can also suppress electrical noise in sensitive devices and transfer power between two circuits which must not be connected. The MT-PCX-1PH-166.228V-1KVA-240V-N2-CU 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.

Frequently Asked Questions (FAQ)



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Product ID: 236929

Harmonized System (HS) Code: 85043300

Export Control Classification Number (ECCN): EAR99

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- [HigResPic2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)