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MPD-MT-BBT-208D-230D-3P-62.5A-6.10FT-309.NA-3PH-100A

3 Phase Buck & Boost Prewired Transformer - 208V Primary - 229V Secondary - 62.5 Amps - 50/60Hz

Product ID: 279157

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.

MPD-MT-BBT-208D-230D-3P-62.5A-6.10FT-309.NA-3PH-100A Prewired Buck and Boost Transformer

Phase: Three Phase
Frequency: 50/60 Hz
Transformer Type: Buck/Boost
Input Voltage: 208 V AC
kVA: 25.5
Primary Amps: 70.8 A @ 208 V
Primary Configuration: NEMA
Output Voltage: 229 V
Secondary Amps: 62.5 A
Winding Material: Copper
Wiring: 6' 2/4 SOOW Whip on Input Side w/ Cord Cap; 10' 2/4 SOOW Whip on Output Side w/ Cord Cap
Cord Caps: IEC 60309 4100P9W Male Plug on Input Side; IEC 60309 4100C9W Female Connector on Output Side
NEMA Rating: NEMA 3R
Primary Termination (Std): Wire Leads
Secondary Termination (Std): Wire Leads
Insulation: 180°C
Temperature Rise: 115°C
Sound Level: Meets NEMA ST-20 Standards
Enclosure Material: NEMA Type 3R
Finish: Painted Steel
Dimensions: 11.75"-H x 16"-W x 6.5"-D

Ratings

NRTL Listed for United States and Canada
CSA Certified
Buck and Boost Transformer
Rated for Indoor/Outdoor Environments

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

Weight: 72 lb

E-mail: sales@larsonelectronics.com

The MPD-MT-BBT-208D-230D-3P-62.5A-6.10FT-309.NA-3PH-100A Three Phase Energy Efficient Prewired Buck and Boost 50/60 Hz Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MPD-MT-BBT-208D-230D-3P-62.5A-6.10FT-309.NA-3PH-100A provides increased reliability, protection against critical equipment failures and an extra level of protection by isolating the power source from the connected device. 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 MPD-MT-BBT-208D-230D-3P-62.5A-6.10FT-309.NA-3PH-100A is a prewired transformer for customer installation and is equipped with 6` of 2/4 SOOW cable on the input side and 10` 2/4 on the output side connected to the transformer with a IEC 60309 4100P9W male plug on the input side and a IEC 60309 4100C9W female connector on the secondary side.

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

Transformer Features: The MPD-MT-BBT-208D-230D-3P-62.5A-6.10FT-309.NA-3PH-100A buck and boost transformer is a three phase unit with a 25.5 kVA rating and a primary voltage of 208 V AC with 70.8 amps available on the primary side. It also provides a secondary voltage of 229 V and has 62.5 amps available on the secondary side. 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 NEMA 3R painted steel enclosure makes the unit suitable for both indoor and outdoor applications and it can be wall mounted. The unit features a 180°C insulation with a 115°C temperature rise.

Benefits: The MPD-MT-BBT-208D-230D-3P-62.5A-6.10FT-309.NA-3PH-100A buck and boost 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. Buck and boost transformers are designed to maximize the performance and life of electrical equipment.

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 wall mounting brackets make installation fast and easy.

Wiring/Installation: The MPD-MT-BBT-208D-230D-3P-62.5A-6.10FT-309.NA-3PH-100A is equipped with a 6` 2/4 SOOW whip on the input side and a 10` 2/4 SOOW whip on the output side. The input side whip is equipped with a IEC 60309 4100P9W male plug and the output side whip is equipped with a IEC 60309 4100C9W female connector. This transformer makes installation simple. Operators connect them to the corresponding current. For example, the 208 V whip gets connected to 208 V current.

Applications: Air conditioners, lighting systems, heating elements, motor applications and other applications that that require the ability to power loads that differ from the available line voltage.

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: 279157

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **MSDS (Material Safety Data Sheet**
- **Operations Manual**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**