

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



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

Weight: 72 lb

Ratings

NRTL Listed for United States and Canada

CSA Certified

Buck and Boost Transformer

Rated for Indoor/Outdoor Environments

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 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.



Material Safety Data Sheet

To Whom It May Concern,

Larson Electronics LLC MT-ATX, MT-BBT, MT-DIX, MT-DOE10, MT-DOE16, MT-ISX, and MT-PMD industrial line of transformers are considered “ARTICLES” under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS).

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

- i. Which is formed to a specific shape or design during manufacture;
- ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
- iii. Which under normal conditions does not release more than very small quantities.

Regards,

Ray Smith
Larson Electronics, LLC.

Frequently Asked Questions (FAQ)