Larson Electronics LLC
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MPD-MT-BBT-208D-240D-3P-62.5A-2X3FT-NP

3 Phase Buck & Boost Prewired Transformer - 208V Primary - 240V Secondary - 62.5 Amps - 50/60Hz

Product ID: 279893

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).

Image: MPD-MT-BBT-208D-240D-3P-62.5A-2X3FT-NP

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-240D-3P-62.5A-2X3FT-NP Prewired Buck and Boost Transformer

Phase: Three Phase
Frequency: 50/60 Hz
Transformer Type: Buck/Boost
Input Voltage: 208 V Delta
kVA: 25.5
Primary Amps: 70.8 A @ 208 V
Primary Configuration: NEMA
Output Voltage: 240 V Delta
Secondary Amps: 62.5A Available on Secondary Side
Winding Material: Copper
Wiring: 3' 2/4 SOOW Whip on Input Side w/ Blunt Cut End; 3' 2/4 SOOW Whip on Output Side w/ Blunt Cut End
Wiring Termination: Blunt Cut Ends
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

Ratings

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

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671

Dimensions: 11.75"-H x 16"-W x 6.5"-D
Weight: 72 lb

Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The MPD-MT-BBT-208D-240D-3P-62.5A-2X3FT-NP Three Phase Energy Efficient Prewired Buck and Boost 50/60Hz 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-240D-3P-62.5A-2X3FT-NP 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-240D-3P-62.5A-2X3FT-NP is a prewired transformer for customer installation and is equipped with 3` of 2/4 SOOW cable on the input side and 3` of 2/4 SOOW cable on the output side. Each whip is terminated in a blunt cut end.

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

Transformer Features: The MPD-MT-BBT-208D-240D-3P-62.5A-2X3FT-NP buck and boost transformer is a three phase unit with a 25.5 kVA rating and a primary voltage of 208 V Delta with 70.8 amps available on the primary side. It also provides a secondary voltage of 240 V Delta 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 prewired 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 either floor or wall mounted. The unit features a 180°C insulation with a 115°C temperature rise.

Benefits: The MPD-MT-BBT-208D-240D-3P-62.5A-2X3FT-NP 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-240D-3P-62.5A-2X3FT-NP is equipped with a 3` 2/4 SOOW whip on the input side and a 3` 2/4 SOOW whip on the output side. Each whip is terminated in a blunt cut end. 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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/279893.PDF)
- **Catalog Page - Product Series**(https://www.larsonelectronics.com/images/product/CatalogPage/279893.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/279893.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/279893.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/279893.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/279893.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/279893.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/279893.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/279893.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/279893.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/279893.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/279893.JPG)
- **Video1**(https://www.youtube.com/watch?v=5RcwZnIARxM)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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