

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

Part #: MT-BBT-208D-229D-3P-62.5A



The MT-BBT-208D-229D-3P-62.5A Three Phase Energy Efficient 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 MT-BBT-208D-229D-3P-62.5A 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.

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Transformer Features: The MT-BBT-208D-229D-3P-62.5A buck and boost transformer is a single phase unit with a 24.8kVA rating and a primary voltage of 208V AC with 68.8 amps available on the primary side. It also provides a secondary voltage of 229V 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 either floor or wall mounted. The unit features a 180°C insulation with a 115°C temperature rise.

Benefits: The MT-BBT-208D-229D-3P-62.5A 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.

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.

Specifications / Additional Information

MT-BBT-208D-229D-3P-62.5A Three Phase Buck and Boost Transformer

Phase: Three Phase

Frequency: 50/60Hz

Transformer Type: Buck/Boost

Input Voltage: 208V AC

kVA: 24.8

Primary Amps: 68.8A @ 208V

Primary Configuration: Delta

Output Voltage: 229V

Secondary Amps: 62.5A @ 229V

Winding Material: Copper

NEMA Rating: NEMA 3R

Primary Termination (Std): Wire Leads

Secondary Termination (Std): Wire Leads

Insulation: 180°C

Ratings

Listing: UL Listed

CSA Certified

Buck and Boost Transformer

Rated for Indoor/Outdoor Environments

Temperature Rise: 115°C

Sound Level: Meets NEMA ST-20 Standards

Enclosure Material: NEMA Type 3R

Finish: Painted Steel

Dimensions: 11.75"H x 14"W x 6.5"D

Weight: 72 lbs

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-498-3363

E-mail: sales@larsonelectronics.com

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