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MASTERVOLT 85000600 IVET 6 Isolation Transformer Instructions

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IVET 6 Isolation Transformer Instructions

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MASTERVOLT 85000600 IVET 6 Isolation Transformer



INTRODUCTION

A safe connection between the vessel and shore installation is an essential part of your electrical system. A galvanic electrical isolation between shore power and the onboard power prevents any electrical corrosion of metal parts while keeping you earthed.

IVET Heavy-duty Series

High-output E-core isolation transformer without casing, for self-installation. The product is multi-tap, meaning you can handle 120/230/240 V going in and out. Mastervolt recommends installing the IVET heavy-duty isolation transformer with Soft Start. Soft Start suppresses the inrush current from the transformer and prevents the power fuse from blowing.

- High-quality isolation transformers without casing for self-installation.
- Optional Soft Start, in the synthetic casing.
- Capacities of 2.5 kW to 22 kW.

Specifications

General specifications

- Output voltage ($\pm 5\%$) 120/220/240 V
- Output frequency range 45-65 Hz
- Input voltage range 110/220/240 V
- Input frequency range 45-65 Hz
- Nominal input current (230 V) 26 A
- Galvanic isolation yes
- Efficiency > 93 %
- Power 6000 W
- Dimensions, h x w x d 380 x 240 x 215 mm
- 15.0 x 9.4 x 8.5 inch
- Weight 49 kg
- 108.0 lb
- Compliance CE, ABYC

Technical specifications

- Technology E-core
- Earth leakage protection no
- No-load power consumption < 10 W
- Temperature range (ambient temp.) 0 °C to 40 °C, derating power > 40 °C 32 to 104 °F
- Cooling natural cooling
- Protection degree IP00
- Operating humidity max. 95 %
- Soft start option
- MasterBus compatible no
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Documents / Resources



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