

IVET 18



Product code: 85001800

A safe connection between vessel and shore installation is an essential part of your electrical system. A galvanic electrical isolation between shore power and the on board 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 to install 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 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)	78 A
Galvanic isolation	yes
Efficiency	$> 93\%$
Power	18.000 W
Dimensions, h \times w \times d	490 x 320 x 260 mm 19.3 x 12.6 x 10.2 inch
Weight	110 kg 242.5 lb
Approvals	CE, ABYC

Technical specifications

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