

IVET 4.5



Product code: 85000450

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) | 20 A |
| Galvanic isolation | yes |
| Efficiency | > 93 % |
| Power | 4500 W |
| Dimensions, h \times w \times d | 330 x 240 x 185 mm 13.0 x 9.4 x 7.3 inch |
| Weight | 35 kg 77.2 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 |