

# IVET 3.5



Product code: 85000350

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)       | 16 A  |
| Galvanic isolation                  | yes   |
| Efficiency                          | $> 93\%$                                    |
| Power                               | 3500 W                                      |
| Dimensions, h $\times$ w $\times$ d | 330 x 200 x 185 mm<br>13.0 x 7.9 x 7.3 inch |
| Weight                              | 30 kg<br>66.1 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 $> 40\text{ °C}$<br>32 to 104 °F |
| Cooling                           | natural cooling  |
| Protection degree                 | IP00   |
| Operating humidity                | max. 95 %  |
| Soft start                        | option   |
| MasterBus compatible              | no   |