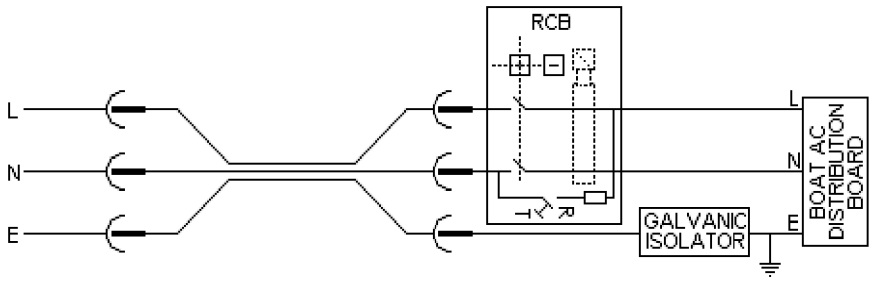
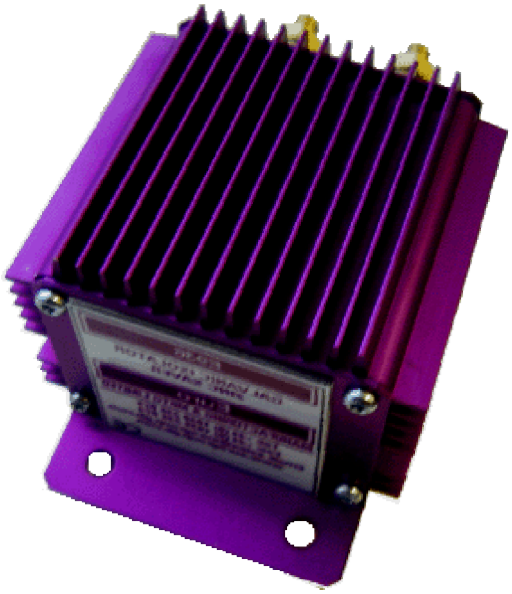
MARINE

E936 GALVANIC ISOLATOR





Do I need a Galvanic Isolator?

Yes, if you use shorepower to provide a mains supply to your boat.

The latest CE and BMEA Regulations clearly state that AC Earths from Shorepower must be bonded to your Anode. As other Boats in the same vicinity as yours have the same bonding system, the Shorepower Earth Wire is potentially connecting the underwater metal parts from each Boat together. The water between the Vessels acts as an Electrolyte forming an Electrical Cell, which is similar to a low power battery. This will cause metals with a low galvanic number to transfer to metals with a higher galvanic number, which means that Electroplating will occur. This will damage and weaken the metal structure of your Boat.

What does a Galvanic Isolator do?

The Galvanic Isolator is fitted in the AC incoming Earth Lead interrupting any galvanic circuit and is bonded at the same point as the DC ground on the Boat.

It should be noted that earth bonding a legal requirement to ensure safety. It is not only illegal, but also dangerous not to bond AC Earths to metal parts and DC Negative on Board. A common earth point should be used.

PART NO	E936
WORKING VOLTAGE	SHOREPOWER: 115V AC / 230V AC 50 – 60Hz
SHOREPOWER RATING	SUITABLE FOR USE WITH RCD PROTECTED SHOREPOWER OUTLETS FROM 10AMPS – 50 AMPS
AC CURRENT RATING:	50A CONT, 5KVA FOR 20mSEC
VOLTAGE RATING:	600Vac 50/60Hz
TEMPERATURE RATING:	-40ºC TO +70ºC
DIMENSIONS	70mm X 55mm X 105mm
FIXING	4 POINT FIXING (5.5mm HOLE) FIXING CENTRES: 40mm X 80mm
FEATURES	FULLY SEALED CONSTRUCTION CONFORMS TO EC/73/23/EEC, 2006/95/EC, 89/336/EEC, 2004/108/EC, 2014/30/EC, ISO13297

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http://www.battery-management-voltage-converter.com

This site covers our:

- **Battery Management Systems**
- **Split Charge Controllers**
- **DC-DC Battery Chargers**
- **DC-DC Voltage Converters**
- **Trailer Voltage Converters**
- **Battery Status Indicators**
- **Voltage Sensitive Switches**
- **Galvanic Isolators**
- **Speed Switches (which automatically Switch equipment On or Off at the desired speed)**
- **Voltage Regulators**
- **Horsebox Electrics**

http://www.eurogroup-gb.com

This site covers our Range of:

- **Water Level Monitors**
- **Water Level Probes**
- **Temperature Monitors**
- **Temperature Probes**
- **Air Conditioning Fan Control Units**
- **Vehicle Flashers and Interrupters**
- **Light Control Units**
- **Oil Level Monitors**
- **Oil Level Probes**
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- **Timers**
- **Vehicle Safety and Security Units**
- **Digital Speed Switches**
- **Solenoid Controllers**
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