

Specification & Test Data . 02 11 2010

Safeshore galvanic isolator Models GI 70 & GI70sm

Technical Specification: Galvanic isolator for use in the marine & associated industries for the control of galvanic & stray currents for the prevention & control of galvanic corrosion. This unit is designed for use in the earth bonding circuit of the vessel & is suitable for use on 110 or 240 volt AC power supplies controlled by r.c.d. devices up to 63 amps. The unit is epoxy sealed ignition protected & set in black anodized aluminium multifinned heat sink with secure mounting facilities. The unit is electrically isolated.

All specifications & ratings at 25 °C ambient temperature					
Voltage range	6 to 800 volts				
Peak reverse voltage V _{rrm}	600 volts				
Max dc blocking voltage	600 volts				
Max operating current	70 amps				
Peak forward surge current	400 amps				
Operating temp range	-55 to + 90 °C				
Dimensions	150 mm X 96mm X51mm				
Encapsulation	Epoxy sealed UL94V-0 flame retardent				
Weight	520 Grams				
Conformity	EC/73/23/EEC 89/336/EEC				
Kva test: GI70	5.8 kva				
Kva test GI70sm	5.2 kva				
Terminal connections	8mm brass studs / brass locknuts				
