

Specification & Test Data . 02 11 2017

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.

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| 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 | | | | |
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