

Marine Approved Analogue Dual Input Module

CHQ-DIM/M(SCI)



Features

- ▶ Single Loop Address
- ▶ Loop Powered
- ▶ 2 Independent Inputs for Monitoring of Volt Free Contacts
- ▶ Each Input can be Configured to Monitor either Normally Open or Normally Closed contacts
- ▶ "Smart-Fix" Housing System for flexibility
- ▶ Features an integral SCI
- ▶ Approved to MED by GL
- ▶ GL Type Approval
- ▶ Approved by LPCB

Description

Model CHQ-DIM/M(SCI) is a Marine Approved Dual Input Module designed to interface to a variety of inputs such as door contacts, sprinkler flow/door switches and plant equipment. Also features an integral short-circuit isolator.

A back box is also available (CHQ-BACKBOX) which, when used in conjunction with the CHQ-DIM/M(SCI), increases the IP rating to IP65.

Specification	
Order code	CHQ-DIM/M(SCI) (module with SCI)
Operating voltage	17 - 41 V dc
Low Power Mode (0.75s)	170 μ A
Quiescent current	330 μ A
Current consumption	22 mA \pm 20 % (polling), 4.3 mA (inputs active)
Current in short-circuit	8 mA
Maximum short-circuit current	1 A
Input line resistance	ON threshold <50 Ω , OFF threshold >100 K Ω
Operating Temperature Range	-25 $^{\circ}$ C to +70 $^{\circ}$ C
Storage Temperature Range	-30 $^{\circ}$ C to +70 $^{\circ}$ C
Maximum Humidity	95% RH - Non Condensing (at 40 $^{\circ}$ C)
Weight & Dimensions	327 g L=157mm x W=127mm x D=35mm (module inc lid) D=79mm (module inc lid plus CHQ-BACKBOX) (add 235g to module weight when using CHQ-BACKBOX)
Colour and enclosure material	CHQ Module & CHQ-BACKBOX White ABS, Module Lid Semi-Opaque Black ABS as standard (white version – CHQ-LID(WHT) also available)
Approvals	LPCB & GL