

# 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 by LPCB, LR & GL

### 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 Vd.c.
Low Power Mode (0.75s)	170µA
Quiescent current	330µA
Current consumption	22mA ± 20 % (polling), 4.3mA (inputs active)
Current in short-circuit	8mA
Maximum short-circuit current	1A
Input line resistance	ON threshold <50Ω, OFF threshold >100KΩ
Operating Temperature Range	-25°C to +70°C
Storage Temperature Range	-30°C to +70°C
Maximum Humidity	95%RH - Non Condensing (at 40°C)
Weight & Dimensions	327g 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, LR & GL