

CHQ-DIM2/M(SCI)

Marine Approved Analogue Dual Input Module

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 DNV GL



Description

Model CHQ-DIM2/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-DIM2/M(SCI), increases the IP rating to IP65.

Specification

Ordering codes	CHQ-DIM2/M(SCI) (module with SCI)
Operating voltage	17 - 41 VDC
Quiescent current	280 μ A
Current consumption	22 mA + 20 % (polling), 4.3 mA (both inputs active)*1
Current in short-circuit	8 mA
Maximum short-circuit current (Loop)	1 A
Input line resistance	ON threshold $<50 \Omega$, OFF threshold $>100 K\Omega$
Weights (g)	327g - (add 235g to module weight when using CHQ-BACKBOX)
Dimensions (mm)	L=157 x W=127 x D=35 (module inc lid) D=79 (module inc lid & CHQ-BACKBOX)
Colour and enclosure material	CHQ Module & CHQ-BACKBOX White ABS, DIN Module Green ABS, Module Lid Semi-Opaque Black ABS as standard (white version – CHQ-LID(WHT) also available)