

CHQ-DRC2/M(SCI)

Marine Approved Analogue Dual Relay Controller

Features

- ▶ Single Loop Address
- ▶ Loop Powered
- ▶ 2 Independently Controlled Changeover relays
- ▶ Relays Contact Rated at 30 V dc at 1 amp
- ▶ Auxiliary Monitored Input
- ▶ “Smart-Fix” Housing System for flexibility
- ▶ Features an integral SCI
- ▶ Approved by DNV GL



Description

Model CHQ-DRC2/M(SCI) is a Marine Approved Dual Relay Controller module designed to provide two general-purpose relay outputs, each output can be driven separately for control of such devices as dampers or for control of plant and equipment shutdown. The monitored input can be used for local power supply fault monitoring or as a general-purpose input.

The unit also features an integral short-circuit isolator. The CHQ-DRC2/M(SCI) utilises simple DIL switches for reliable addressing. A back box is also available (CHQ-BACKBOX) which, when used in conjunction with the CHQ-DRC2/M(SCI), increases the IP rating to IP65.

Specification

Ordering codes	CHQ-DIM2/M(SCI)
Operating voltage	17 - 41 V dc
Quiescent current	300 μ A
Current consumption	22 mA + 20 % (polling)
Current in short-circuit	8 mA
Maximum short-circuit current (Loop)	1 A
Input threshold level	ON=470 Ω , Short cct <50 Ω , Open cct >100 K Ω
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)
Input line resistance	ON threshold <50 Ω , OFF threshold >100 K Ω
Weights (g)	346g - (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)
Approvals	DNV GL Type Approved and MED Certification

