FIREscape+
Combined Emergency Lighting and Fire Detection System

CHQ-DIM2(SCI)

Intelligent (Addressable) Dual Input Module



Features

- Loop powered, with single loop address
- 2 Independent Inputs for monitoring of Volt Free Contacts
- Each Input can be configured to monitor either Normally Open or Normally Closed contacts
- DIN-Rail version available
- Both models feature an integral SCI
- Both models approved by LPCB.

Description

Model CHQ-DIM2(SCI) is a Dual Input Module designed to interface to a variety of inputs such as door contacts, sprinkler flow/door switches and plant equipment. Also available as a DIN Rail mountable version; both models feature an integral short-circuit isolator.

A back box is also available (CHQ-BACKBOX) which, when used in conjunction with the CHQ-DIM2(SCI), increases the IP rating to IP65.

Specification

Ordering codes	Analogue Dual Input Module with SCI Analogue Dual Input DIN Module with SCI		CHQ-DIM2(SCI) CHQ-DIM2/DIN(SCI)
Operating voltage	17 ~ 41 VDC		
Quiescent current (typ)	280 µA		
Current consumption	22 mA ± 20 % (polling), 4.3 mA (both inputs active)*[1]		
Current in short-circuit	8 mA		
Maximum short-circuit current	1 A		
Input line resistance	ON threshold ‹50 Ω, OFF threshold ›100 KΩ		
Operating temperature range	-10 °C to + 50 °C		
Storage temperature range	-30 °C to + 60 °C		
Maximum humidity	95%RH - Non Condensing (at 40 °C)		
Weights (g) & dimensions (mm)	CHQ-DIM2(SCI)	327	L=157 x W=127 x D=35 (module inc lid) D=79 (module inc lid plus CHQ-BACKBOX) (add 235 to module weight when using CHQ-BACKBOX)
	CHQ-DIM2/DIN(SCI)	113	L=119 x W=108 x D=24
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)		

For further information visit our website.
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