

# Analogue Dual Input Module

## CHQ-DIM/DIN(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
- ▶ Boxed module version available
- ▶ Both models feature an integral SCI
- ▶ Both models approved by LPCB & VdS

### Description

Model CHQ-DIM/DIN(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 boxed module; both models feature an integral short-circuit isolator

### Specification

Order codes		CHQ-DIM(SCI) (module with SCI) CHQ-DIM/DIN(SCI)	
Operating voltage		17 - 41 VDC	
Quiescent current		280 $\mu$ A	
Current consumption		22 mA $\pm$ 20 % (polling), 4.3 mA (both inputs active)* <sup>1</sup>	
Current in short-circuit		8 mA	
Maximum short-circuit current		1 A	
Input line resistance		ON threshold <50 $\Omega$ , OFF threshold >100 K $\Omega$	
Operating Temperature Range		-10 $^{\circ}$ C to + 50 $^{\circ}$ C	
Storage Temperature Range		-30 $^{\circ}$ C to + 60 $^{\circ}$ C	
Maximum Humidity		95%RH - Non Condensing (at 40 $^{\circ}$ C)	
Weights (g) & Dimensions (mm)	CHQ-DIM(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-DIM/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) also available)	

Fire alarm control panel compatibility required for these products.

\*<sup>1</sup> Note: - Add 85  $\mu$ A per input for normally closed contact monitoring