

Analogue Dual Input Module CHQ-DIM(HFP)-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

Description

Model CHQ-DIM(HFP)-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. The unit also features an integral short-circuit isolator.

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

Specification	
Order code	CHQ-DIM(HFP)-SCI
Operating voltage	17 - 41 V dc
Low power mode (0.75s)	170 μ A
Quiescent current	330 μ A
Current consumption	22 mA $\pm$ 20 % (polling), 4.3 mA (inputs active)
Current in short-circuit	8 mA
Maximum short-circuit current	1 A
Input line resistance	ON threshold <50 Ω , OFF threshold >100 K Ω
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)
Weight (g)	327 (add 235 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 plus 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)

Fire alarm control panel compatibility required for these products.