

Analogue Dual Switch Monitor



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
- ▶ Approved to EFGS for line units
- ▶ DIN Rail Version available

Description

Model CHQ-S/OEM is a Dual Switch Monitor 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, with or without an integral short-circuit isolator (CHQ-S/DIN(SCI) or CHQ-S/DIN).

Specification	
Ordering Codes	CHQ-S/OEM (without box as shown) CHQ-S/DIN (DIN Rail Version) CHQ-S/DIN(SCI) (DIN Rail version with short-circuit isolator)
Operating Voltage	17 - 41Vd.c.
Low Power Mode (typ)	97µA*
Quiescent Current (typ)	280µA*
Active Current (typ)	4.3mA (both inputs active) - add 85µA per input for normally closed contact monitoring
Input Line Resistance	ON threshold <50Ω, OFF threshold >100kΩ
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)
Colour / Case Material	Ivory White / ABS
Weight (g) / Dimensions (mm)	(OEM) 75 / L148 x W89 x H23 (OEM with box) 384 / L160 x W110 x H92 (DIN Rail Version) 107 / L119 x H108 x D24 (DIN Rail Version with SCI) 112 / L119 x H108 x D24
Approval	(CHQ-S/OEM) LPCB

*Note: SCI version will take additional current (50µA).