

# Single Input/Output Module

## CHQ-SIO



### Features

- ▶ Loop Powered
- ▶ Single Address
- ▶ Single Mains Rated Relay Contact
- ▶ Relay Contact Rated at 250VAC @ 5 amp (Resistive) & 48VDC @ 2 amps (Resistive)
- ▶ Auxiliary Monitored Input
- ▶ Screw Terminals & Flying Leads For Easy Cable Termination
- ▶ Approved by LPCB

### Description

Model CHQ-SIO is a Single Input / Output Module, which provides a single mains rated relay output (via the flying leads) for the control of such devices as dampers, extractors or plant and equipment shutdown.

The monitored can be used for local power supply fault monitoring or as a general-purpose input. The CHQ-SIO utilises simple DIL switches for reliable addressing and it is supplied as an OEM version (as illustrated above).

Specification	
Ordering Code	CHQ-SIO/OEM (without box as shown)
Operating Voltage	17 - 41Vd.c.
Low Power Mode (typ)	120µA (typ)
Quiescent Current (typ)	300µA (typ)
Relay Contact Rating	48 Vd.c. max, 2A (resistive load) 250Va.c. max, 5A (resistive load)
Input EOL Resistor	10kΩ, ± 5% 0.25 W
Input threshold Levels	ON = 470Ω, short cct <50Ω, open cct>100kΩ, EOL=10KΩ
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) / Dimensions (mm)	(OEM) 85 / L148 x W89 x H23 (OEM with box) 120 / L160 x W110 x H92
Approval	LPCB