

# CHQ-SOM

## Single Output Module

### Features

- Includes a single monitored output
- Small design for simple provision of a
- monitored output onto an ESP loop
- Flying leads for easy installation.

### Description

The CHQ-SOM has been designed to allow a single relay output to be connected to the ESP loop. The unit incorporates a volt-free relay contact that can be configured as either N/O or N/C, the relay contact is rated to 30 VDC (max), 1 A (resistive load). The CHQ-SOM features three colour-coded flying leads, the unit also features a wiring terminal block for loop connection.

To maintain LPCB approval the device must be mounted in an SMB-1 enclosure (or an equivalent enclosure made from polycarbonate or a similar material which is impact resistant as per EN54-18:2005 Clause 5.9) in conjunction with the SMB-ADAPTOR plate, using two M3 screws or two M3 nuts and bolts.



**NOTE:** The state of the relay contacts will be indeterminate until the unit is powered.

If the PCB is removed from the protective outer casing the EN54 approval is voided.

The input/output devices **MUST** not be operated with fire protection products (type 1 devices).

### Specification

Ordering code	CHQ-SOM*
Operating voltage	17 – 30 VDC
Quiescent / Alarm current (typ)	150 $\mu$ A (@ 41 V)
Output ratings - Max voltage	30 VDC
Output ratings - Max current	1 A (resistive load)
Operating / Storage temperature range	- 10 °C to + 50°C / - 30 °C to + 60°C
Maximum humidity	95% RH - Non-condensing (at 40 °C)
Colour / Case material	Ivory / ACS
Weight (g) / Dimensions (mm)	25 / L 65 x W 42 x D 15
Approval	LPCB

\*Fire alarm control panel compatibility is required for this product