

# Single Output Module

## CHQ-SOM



### Features

- ▶ Includes a single monitored output
- ▶ Small design for simple provision of a monitored output onto an ESP loop
- ▶ Flying leads for easy installation
- ▶ Addressed with TCH-B100 Hand Held Programmer
- ▶ Approved by LPCB

### 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 V dc (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.

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

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

Specification		
Ordering code	CHQ-SOM*	
Operating voltage	17 - 41 V dc	
Quiescent Current / Alarm Current	150 $\mu$ A (at 41 V) max	
Output Ratings	Max voltage	30 V dc
	Max current	1 A (resistive load)
Operating temperature range	-10 °C to + 50 °C	
Storage temperature range	-20 °C to + 60 °C	
Maximum humidity	95% RH - Non condensing (at 40 °C)	
Colour / Case material	Ivory / ACS	
Weight (g) / Length / Width / Depth (mm)	25 / 65 / 42 / 15	
Approval	LPCB	

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