

ESPintelligent

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 used 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.

Specification

| | |
|---------------------------------------|---------------------------------------|
| Ordering code | CHQ-SOM* |
| Operating voltage | 17 – 30 VDC |
| Quiescent / Alarm current (typ) | 150 μ 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