

CHQ-SIM

Single Input Module

Features

- ▶ Includes a single monitored input
- ▶ Small design for simple provision of a monitored input onto an ESP loop
- ▶ Flying leads for easy installation
- ▶ Addressed with TCH-200 Hand Held Programmer
- ▶ Approved by LPCB & VdS.



Description

The CHQ-SIM has been designed to allow a single monitored input to be connected to the ESP loop. This provides a compact, low-cost option where the installation of the larger CHQ 'Smart-Fix' Range of Modules might be difficult.

The CHQ-SIM features flying leads as well as a wiring terminal block for loop

connection, making installation quick and easy. The unit is addressed with the TCH-B200 Hand Held Programmer utilising the onboard programming connector and a PL-3 lead.

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

Specification

Ordering code	CHQ-SIM
Operating voltage	17 – 41 VDC
Transmission method	Digital communication using ESP
Quiescent / Alarm current (typ)	150 μ A (@ 41 V)
Input ratings - Open circuit	> 100 K Ω
Input ratings - Normal state	100 K Ω (EOL resistor provided)
Input ratings - Input activation	470 K Ω (EOL resistor provided)
Input ratings - Short circuit	50 K Ω
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