

Analogue Single Zone Module CHQ-SZM(HFP)-SCI



Features

- ▶ Loop Powered with Single Loop Address
- ▶ Up to 6 Conventional Detectors
- ▶ Remote LED Output
- ▶ Fully Monitored for Short and Open Circuit Faults
- ▶ "Smart-Fix" Housing System for flexibility
- ▶ Features an integral SCI

Description

Model CHQ-SZM(HFP)-SCI is a Single Zone Monitor designed to allow up to 6 conventional detectors to be interfaced to Hochiki's ESP analogue addressable system. The unit is also available as a DIN Rail mountable version; with or without an integral short-circuit isolator. The unit utilises simple DIL switches for reliable addressing. A back box is also available (CHQ-BACKBOX) which, when used in conjunction with the CHQ-SZM(HFP)-SCI, increases the IP rating to IP65. **The conventional zone on the CHQ-SZM(HFP)-SCI does not support any line continuity options; if Call Points are being interfaced they should be wired at the beginning of the zone.**

Specification	
Order code	CHQ-SZM(HFP)-SCI
Operating voltage	17 - 41 V dc
Low Power Mode (0.75s)	170 μ A
Quiescent current	300 μ A
Current consumption	22 mA \pm 20 % (polling)
Current in short-circuit	8 mA (maximum short-circuit current 1 A)
E.O.L device	TE-RH-E (polarity conscious)
Zone voltage	15.3 V - 17.1 V
Zone resistance	50 Ω (Max)
Zone capacitance	0.3 μ F (Max)
Detectors per zone	DCA, DFB, DFE – No limit, SLG, SLK, SLR, SIF, SIH, SIJ, DCC, DCD, DFJ – 6 max, SPB-ET or SRA-ET– Only one and no other detectors, HF-24 – Only one and no other detectors, DRD-E – 3 max, Conventional Call Points – No limit
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)	328 (add 235g to module weight when using CHQ-BACKBOX)
Dimensions (mm)	L=157 x W=127 x D=35 (module inc lid) D=79mm (module inc lid & CHQ-BACKBOX)
Colour & enclosure material	CHQ Module & CHQ-BACKBOX White ABS, Module Lid Semi-Opaque Black ABS as standard (white version – CHQ-LID(WHT) also available)

Fire alarm control panel compatibility required for this product.