

Marine Approved Analogue Single Zone Module

CHQ-SZM/M(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
- ▶ Approved by LPCB, LR &GL

Description

Model CHQ-SZM/M(SCI) is a Marine Approved Single Zone Monitor designed to allow up to 6 marine approved conventional detectors to be interfaced to Hochiki's ESP analogue addressable system. The unit also features an integral short-circuit isolator. The CHQ-SZM/M(SCI) utilises simple DIL switches for reliable addressing. A back box is also available (CHQ-BACKBOX) which, when used in conjunction with the CHQ-SZM/M(SCI), increases the IP rating to IP65. **The conventional zone on the CHQ-SZM/M(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/M(SCI) (module with SCI)
Operating voltage	17 - 41 VDC
Low power mode (0.75s)	170µA
Quiescent current	300µA
Current consumption	22 mA ± 20 % (polling)
Current in short-circuit	8mA
Maximum short-circuit current	1A
E.O.L device	TE-RH-E (polarity conscious)
Zone voltage	15.3V - 17.1V
Zone resistance	50Ω (Max)
Zone capacitance	0.3µF (Max)
Detectors per zone	SLR & DCD – 6 max. Conventional Call Points – No limit
Operating temperature range	-25°C to +70°C
Storage temperature range	-30°C to +70°C
Maximum humidity	95%RH Non Condensing (at 40°C)
Weights & dimensions	328g L=157mm x W=127mm x D=35mm (module inc lid) D=79mm (module inc lid & CHQ-BACKBOX) (add 235g to module weight when using 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)
Approvals	LPCB, LR & GL