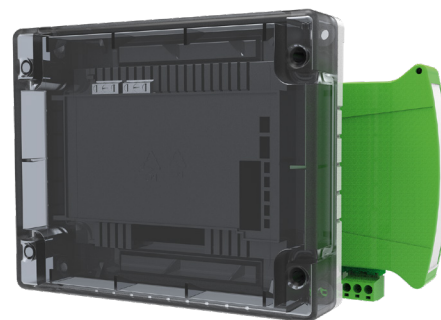# incite fire

ESPintelligent
CHQ-SZM(SCI)
Analogue Single Zone Module

Features

▸ Loop Powered with Single Loop Adress
▸ Provides up to 6 Conventional Detectors
▸ Remote LED output
▸ Fully monitored for short and open circuit faults
▸ Also available as DIN
▸ Both models feature an integral SCI
▸ Deeper, glanded IP65 backbox available
▸ Can be used with CHQ-BACKBOX to comply with BS 7671
▸ Approved to AS ISO 7240.18 & 18
▸ SIL2 and Marine variants available.

Description

Model CHQ-SZM(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 CHQ-SZM(SCI) utilises simple DIL switches for reliable addressing. A back box is also available (CHQBACKBOX) which, when used in conjunction with the CHQ-SZM(SCI), increases the IP rating to IP65.

The conventional zone on the CHQ-SZM(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

Specification			
Ordering codes	CHQ-SZM(SCI) (as shown) or CHQ-SZM/DIN(SCI) (DIN module)		
Operating voltage	17-41VDC		
Quiescent current	260 µA		
Current consumption	22 mA + 20% (polling)		
Current in short circuit	8 mA		
Maximum short circuit current (Loop)	1 A		
EOL device	TE-RH-E (polarity conscious)		
Zone voltage	15.3 V - 17.1 V		
Zone resistance	50 Ω (Max)		
Zone capacitance	0.3 µF (Max)		
Detectors per zone	DCA, DFB, DFE – No limit. SLG, SLK, SLR, SIF, SIH, SIJ, DCC, DCD, DFJ – 6 max. SPB-ET, SPC-ET or SRA-ET– Only one and no other detectors. HF-24 – only one and no other detectors, DRD-E – 3 max, CCP-E – No limit		
Operating temperature range	-10ºC to +50ºC		
Storage temperature range	-30ºC to +60ºC		
Max humidity	95%RH Non condensing (at 40ºC)		
Weight (g) Dimensions (mm)	CHQ-SZM(SCI)	328 (+235 with CHQ-BACKBOX)	(with lid) L 157 x W 127 x D 35 (with lid and backbox) D 79
	CHQ-SZM(SCI)	114	L 108 x W 119 x D 24

Fire alarm control panel compatibility required for these products.