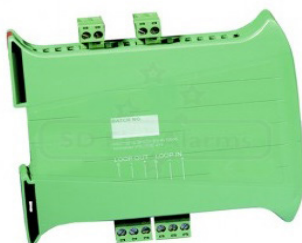


Analogue IS Compatible Dual Zone Module

CHQ-DZM-IS



CHQ-DZM-IS-DIN



Features

- * Single loop address
- * Requires an auxiliary 24Vd.c. supply
- * Supports two independent zones of Hochiki I.S. Conventional Detectors
- * Both zones fully monitored for short/open-circuit
- * "Smart-Fix" Housing System for flexibility
- * Available as DIN-Rail version (CHQ-DZM-IS-DIN)
- * Both versions available with or without integral SCI
- * Monitored input

Description

Model CHQ-DZM-IS is a Dual Zone Module which is fully compatible with Hochiki's ESP analogue addressable protocol and I.S. equipment. The unit will allow connection of up to forty Hochiki I.S. conventional detectors through a Galvanic isolator, which are fully monitored for open and short circuit. Two remote indicator outputs and one auxiliary input are also provided. A back box is also available (CHQ-BACKBOX) which, when used in conjunction with the CHQ-DZM-IS, increases the IP rating to IP65. The unit also features two remote indicator outputs, one per zone.

The conventional zone on the CHQ-DZM-IS does not support any line continuity options; therefore if Call Points are being interfaced they should be wired at the beginning of the zone. (Please note that this module should only be installed in the safe area).

Specification			
Ordering Codes *1		CHQ-DZM(IS) (module) CHQ-DZM(IS)(SCI) (module with SCI) CHQ-DZM(IS)/DIN (DIN module) CHQ-DZM(IS)/DIN(SCI) (DIN module with SCI)	
Operating Voltage		17 - 41Vd.c.	
Low Power Mode (0.75s)		110µA*2	
Quiescent Current (typ)		300µA*2	
Current Consumption (External)		(Quiescent) 11mA min (plus detector load) (Alarm) 100mA (both zones in fire)	
Current in short-circuit		8mA (SCI models only)	
Maximum short-circuit current		1A (SCI models only)	
Capacitance Per Conventional Zone		0.3µF Max	
Resistance Per Conventional Zone		50Ω Max	
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)	
E.O.L Devices		10KΩ resistors (supplied with module)	
Input threshold level		ON=470Ω, Short cct <50Ω, Open cct >100KΩ	
Supported Barriers		MTL 3043, 4061, 5061, KFDO-CS-Ex1.51, KFDO-CS-Ex2.51, KFDO-CS-Ex1.51P, KFDO-CS-Ex2.51P	
Remote Output Rating (1 & 2)		24Vd.c., 8mA	
Detectors per Zone		SLR-E-IS (or DCD-1E-IS) & CCP-E-IS : 20 max	
Weights & Dimensions	CHQ-DZM(IS)	325g	L=157mm x W=127mm x D=35mm (module inc lid) D=79mm (module inc lid, plus CHQ-BACKBOX) Add 235g to module weight when using CHQ-BACKBOX
	CHQ-DZM(IS)(SCI)	328g	
	CHQ-DZM(SCI)/DIN	111g	L=119mm x W=108mm x D=24mm
	CHQ-DZM(SCI)/DIN(SCI)	114g	
Colour and enclosure material		CHQ Module & CHQ-BACKBOX White ABS, DIN Module Green ABS, Module Lid Semi-Opaque Black ABS as standard (white version - CHQ-LID(WHT))	

*1 Fire alarm control panel compatibility required for these products. *2 SCI versions will take additional current (50µA).