

I.S. Compatible Dual Zone Monitor

CHQ-DZM-IS(HFP)-SCI



Features

- ▶ Single loop address
- ▶ Supports two independent zones of Hochiki I.S. Conventional Detectors
- ▶ Both zones fully monitored for short/open-circuit
- ▶ Requires an auxiliary 24 V dc supply
- ▶ Features an integral short-circuit isolator
- ▶ Approved by LPCB

Description

Model CHQ-DZM-IS(HFP)-SCI is a Dual Zone Module which is fully compatible with Hochiki's ESP analogue addressable protocol and I.S. equipment. The module will allow connection of up to 40 Hochiki I.S. conventional detectors (20 per zone) through a **Galvanic isolator**, which are fully monitored for open and short circuit. The unit also features an integral short-circuit isolator

(Please note that this module should only be installed in the safe area).

The conventional zones on the CHQ-DZM-IS(HFP)-SCI do not support any line continuity options; therefore if Call Points are being interfaced they should be wired at the beginning of the zone.

Specification		
Order code	CHQ-DZM-IS(HFP)-SCI	
Transmission method	Digital communication using ESP	
Loop	Operating voltage	17 – 41 V dc
	Quiescent current	330 μ A
	Current consumption whilst polling	22m A \pm 20 %
External supply	Operating voltage	20-28.8 V dc (24 V dc nominal)
	Current consumption when in fire	70 mA (Both zones in fire)
Output rating	24 V dc 8.5 mA	
Zone loading (max)	Up to 20 SLR-E-IS or DCD-1E-IS detectors (or a mixture of both)	
E.O.L device (see note below)	10 k Ω resistor	
Zone resistance	50 Ω (Max)	
Zone capacitance	0.3 μ F (Max)	
Weight (g)	350 (add 235 to module weight when using CHQ-BACKBOX)	
Dimensions (mm)	L= 157 x W= 127 x D=35 (CHQ Module plus Lid) D= 79 (CHQ Module plus Lid plus CHQ-BACKBOX)	
Colour and enclosure material	CHQ Module & CHQ-BACKBOX White ABS	

Fire alarm control panel compatibility required for these products.