

I.S. Compatible Dual Zone Monitor

CHQ-DZM(SCI)-IS



Features

- ▶ Single loop address
- ▶ Requires an auxiliary 24 VDC supply
- ▶ Supports two independent zones of Hochiki I.S. Conventional Detectors
- ▶ Both zones fully monitored for short/open-circuit
- ▶ DIN rail version available
- ▶ Both models feature an integral short-circuit isolator
- ▶ SIL Level 2 approved variants available

Description

Model CHQ-DZM(SCI)-IS is Dual Zone Module which is fully compatible with Hochiki's ESP analogue addressable protocol and I.S. equipment. It is supplied as an OEM version (as illustrated) which can be fitted within an IP67 rated enclosure. The unit is also available as a DIN Rail mountable module. Addressing is achieved via simple DIL switches.

The device is designed to allow up to 40 (20 per zone) Conventional I.S. CDX Range detectors (SLR-E-IS or DCD-1E-IS) in the hazardous area to be interfaced to Hochiki's ESP analogue addressable system within the safe area*. **(Please note that this module should only be installed in the safe area).**

The conventional zones on the CHQ-DZM(SCI)-IS 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		
Ordering Code		CHQ-DZM(SCI)-IS (Module) CHQ-DZM/DIN(SCI)-IS (DIN Module)
Loop	Operating Voltage	17 - 41 VDC
	Quiescent Current (typ)	330 μ A
	Current Consumption (whilst polling)	22 mA \pm 20 %
Quiescent Current (typ)		330 μ A
Output Rating		24 VDC 8.5 mA
Operating Temperature Range		-10 $^{\circ}$ C to +50 $^{\circ}$ C
Storage Temperature Range		-30 $^{\circ}$ C to +60 $^{\circ}$ C
E.O.L Device		10 K Ω resistor (supplied with unit)
Zone Resistance		50 Ω (max)
Zone Capacitance		0.3 μ F (max)
Zone Loading (max)		Upto 20 SLR-E-IS or DCD-1E-IS (or a mixture of both)
Colour / Case Material		Ivory White / ABS (Module) Green / ABS (DIN Module)
Weight (g)		682 (Module) 130 (DIN Module)
Dimensions (mm)		127 x 157 x 35 (Module) 108 x 119 x 24 (DIN Module)

* An appropriate barrier must be used.

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