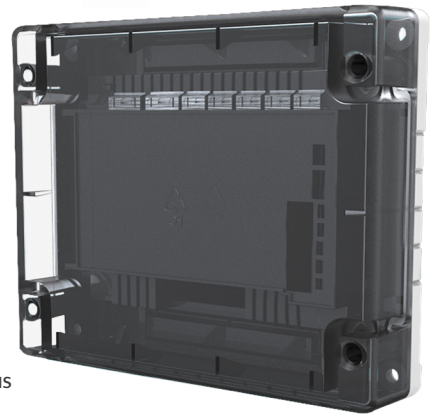
ESPintelligent

CHQ-DZM(SCI)-IS

ANALOGUE DUAL ZONE MONITOR

Features

- Single Loop powered
- Requires an auxiliary 24V dc supply
- Supports two independent zones of conventional detectors
- Both zones fully monitored for short/open circuit
- Auxiliary monitored input
- DIN-Rail version available
- Both models feature an integral short-circuit isolator
- SIL Level 2 approved variant available.



CHQ-DZM(SCI)-IS

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 µA
	Current Consumption (External)	(Quiescent) 2 mA, (Alarm) 70 mA (Both zones in fire)
Quiescent Current (typ)		330 µA
Output Rating		24 VDC 8.5 mA
Operating tempreture range		-10 °C to +50 °C
Storage tempreture range		-30 °C to +60 °C
E.O.L Device options		10 KΩ 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.

For further information visit www.hochikieurope.com/esp