



Analogue Dual Zone Monitor CHQ-DZM(SCI)

Model CHQ-DZM(SCI) is a Dual Circuit Zone Controller designed to allow up to 60 conventional detectors (30 on each zone) to be interfaced to Hochiki's ESP analogue addressable system. The unit also features a Schottky Diode line continuity option, when used in conjunction with the optional LCMU.

Full monitoring against malfunction or disconnection, together with a self-test feature through the ESP protocol, ensure the integrity of the CHQ-DZM(SCI) at all times. The CHQ-DZM(SCI) utilises simple DIL switches for reliable addressing. It is available as an OEM version (as illustrated above) and also as a DIN Rail mountable module (CHQ-DZM/DIN(SCI)). Both models feature an integral short-circuit isolator.

FEATURES

- Single loop address
- Supports two independent zones of conventional detectors
- Both zones fully monitored for short/open circuit
- Requires an auxiliary 24 V dc supply
- DIN rail version available
- Both models feature an integral shortcircuit isolator
- Approved by LPCB

Dimensions

CHQ-DZM (SCI)

L 157 x W 127 x D 35 mm (CHQ Module + Lid)
D 79 mm (CHQ Module + CHQ-BACKBOX)
+ 235 g to weight when using CHQ-BACKBOX

CHQ-DIN Module

L 108 x W 119 x D 24 mm

SPECIFICATION

Operating Voltage	17 – 41 V dc
Low Power Mode (typ)	110 uA
Quiescent Current (typ)	330 uA
Current Cons. (External)	(Quiescent) 2 mA (Alarm) 70 mA (both zones in fire)
Capacitance on Zone	0.3 uF Max
Resistance on Zone	50 Ohms Max
Current in short-circuit	8 mA
Max short-circuit current	(Loop) 1 A
Operating Temp Range	-10 °C to +50 °C
Storage Temp Range	-30 °C to +60 °C
E.O.L. Device Options	TE-RH-E (supplied), 6K8 resistor or LCMU (6K8) (not supplied)
Output Rating	24 V dc 8.5 mA
Quantity per Zone	DCA, DFB, DFE – No limit, SLG, SLK, SLR, SIF, SIH, SIJ, DCC, DCD, DFJ – 30 max, SPB-ET, SPC-ET or SRA-ET – 3 max, HF-24 – Only one and no other detectors, DRD-E – 15 max, CCP-E – No limit.
Weights	CHQ-DZM (SCI): 350 g CHQ-DZM/DIN (SCI): 130 g