

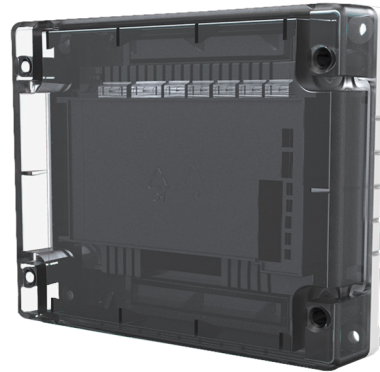
CDXconventional

# CHQ-DZM/M(SCI)

Analogue Dual Zone Monitor

## Features

- ▶ Single Loop Address
- ▶ Supports two independent zones of conventional detectors
- ▶ 2 Independent Inputs for Monitoring of Volt Free Contacts
- ▶ Both zones fully monitored for short/open circuit
- ▶ Requires an auxiliary 24V dc supply
- ▶ Both models feature an integral short circuit isolator
- ▶ Approved by DNV GL



## Description

Model CHQ-DZM/M(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, ensuring the integrity of the CHQ-

DZM/M(SCI) at all times. The CHQ-DZM/M(SCI) utilises simple DIL switches for reliable addressing.

When Resistive EOL option is chosen the conventional zone on the CHQ-DZM(SCI) does not support any line continuity options, therefore if Call Points are being interfaced they should be wired at the beginning of the zone.

## Specification

Operating voltage	17 - 41 Vd.c.
Low Power Mode (0.75s)	110 $\mu$ A
Quiescent current (typ)*1	330 $\mu$ A
Current Consumption (External)	(Quiescent) 2 mA, (Alarm) 70 mA (Both zones in fire)
Capacitance on Zone	0.3 $\mu$ F Max
Resistance on Zone	50 $\Omega$ Max
Current in short circuit	8 mA
Max short-circuit current (Loop)	1 A
Operating temperature range	-10 °C to +50 °C
Storage temperature range	-30 °C to +60 °C
E.O.L Device options	TE-RH-E (supplied), 6K8 resistor or LCMU (6K8) (not supplied)
Output Rating	Output Rating
Quantity per zone	SLR-E3NM, DCD-AE3M, DCD-CE3M – 30 max, DRD-EM – 15 max, MCP1A, WCP1A - No limit
Weights (g)	350 (add 235 to module weight when using CHQ-BACKBOX)
Dimensions (mm)	L=157 x W=127 x H=35 (Module) D=79 (with CHQ-BACKBOX)
Approvals	DNV GL Type Approval and MED Certification