

Analogue Dual Zone Monitor CHQ-DZM(HFP)-SCI



Features

- ▶ Single Loop Address
- ▶ Requires an auxiliary 24Vdc Supply
- ▶ Supports Two Independent Zones of Conventional Detectors
- ▶ Both Zones Fully Monitored for Short/Open Circuit
- ▶ Approved by LPCB
- ▶ Features an integral SCI

Description

Model CHQ-DZM(HFP)-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.

Full monitoring against malfunction or disconnection, together with a self-test feature through the ESP protocol, ensure the integrity of the CHQ-DZM(HFP)-SCI at all times. The unit utilises simple DIL switches for reliable addressing.

The conventional zone on the CHQ-DZM(HFP)-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

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|---------------------------------|---|
| Ordering Code | CHQ-DZM(HFP)-SCI |
| Operating Voltage | 17 – 41 V dc |
| Low Power Mode (typ) | 110 μ A |
| Quiescent Current (typ) | 330 μ A |
| Current Consumption (External) | (Quiescent) 2 mA |
| | (Alarm) 70 mA (both zones in fire) |
| Capacitance on Zone | 0.3 μ F Max |
| Resistance on Zone | 50 Ω Max |
| Operating Temperature Range | -10°C to +50°C |
| Storage Temperature Range | -30°C to +60°C |
| E.O.L Device | TE-RH-E |
| Open Collector Output Rating | 24 V dc 8.5 mA |
| Quantity per Zone | DFE - no limit |
| | SLR, SIJ, DCD – 30 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 |