

Analogue Dual Zone Monitor

CHQ-Z



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 to EFSG for line units

Description

Model CHQ-Z 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-Z at all times. The CHQ-Z utilises simple DIL switches for reliable addressing. It is available as an OEM version (as illustrated above) with an optional IP67 rated enclosure also available.

The conventional zone on the CHQ-Z 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	
Ordering Code	CHQ-Z/OEM (without box as shown)
Operating Voltage	17 - 41Vd.c.
Low Power Mode (typ)	110µA
Quiescent Current (typ)	300µA
Current Consumption (External)	(Quiescent) 800µA
	(Alarm) 70mA (both zones in fire)
Capacitance on Zone	0.3µF Max
Resistance on Zone	50Ω 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	30Vdc 30mA
Quantity per Zone	DFE - no limit
	SLR, SIJ, DCD - 30 max
Weight (g) / Dimensions (mm)	(OEM) 118 / L187 x H92 x D30
	(OEM with box) 673 / L235 x W160 x H92
Approval	LPCB