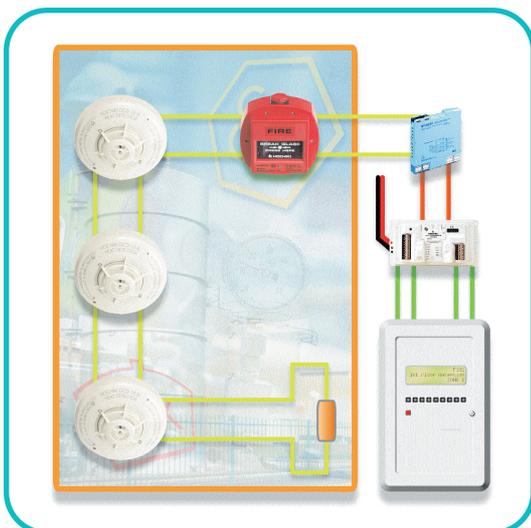


I.S. DUAL CIRCUIT ZONE CONTROLLER



Model CHQ-Z(I.S.)/OEM is Dual Circuit Controller 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. 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*.

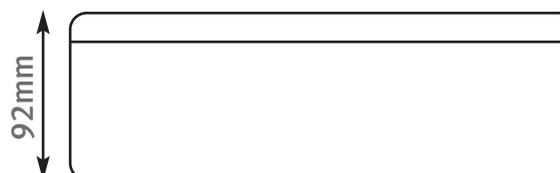
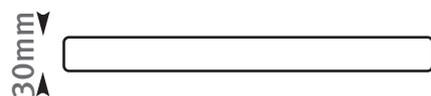
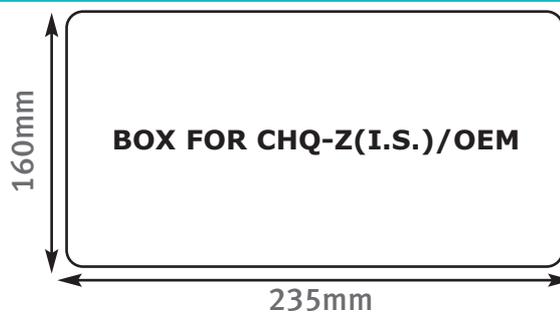
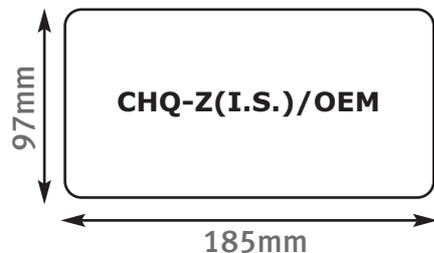
* An appropriate barrier must be used.



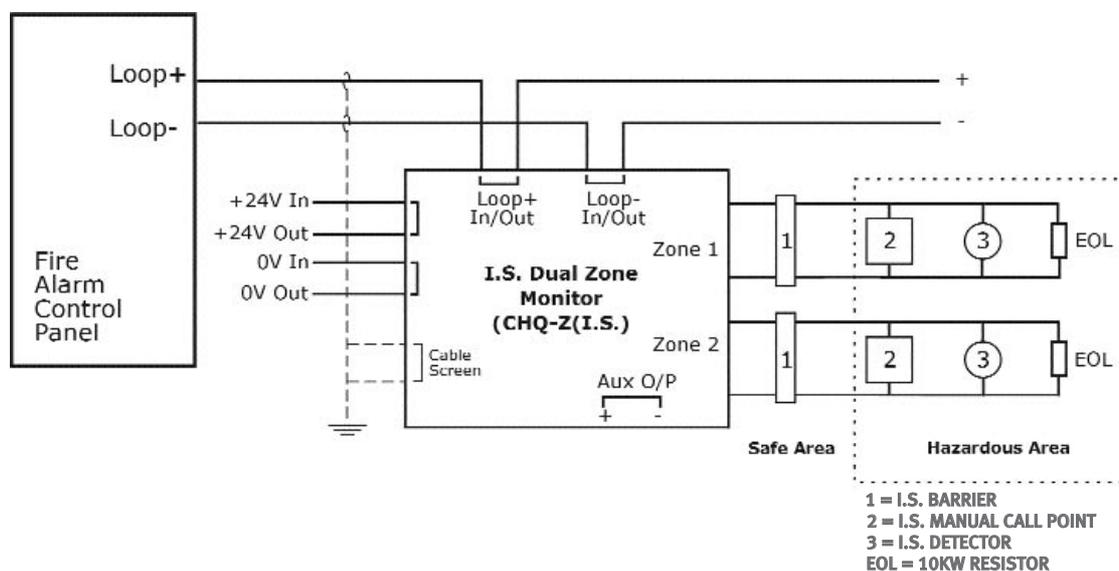
- ▶ Single Loop Address
- ▶ Requires an auxiliary 24Vdc Supply
- ▶ Supports Two Independent Zones of Hochiki I.S. Conventional Detectors
- ▶ Both Zones Fully Monitored for Short/Open Circuit



DIMENSIONS



WIRING



SPECIFICATION

Ordering Code	CHQ-Z(I.S.)/OEM (PCB only)
Operating Voltage	17 - 41Vdc
Low Power Mode (typ)	110 μ A
Quiescent Current (typ)	300 μ A
Current Consumption (External 24V)	(Quiescent) 11mA min (plus detector load) (Alarm) 100mA (both zones in fire)
Capacitance Per Conventional Zone	0.3 μ F (max)
Resistance Per Conventional Zone	50 Ω (max)
Operating Temperature Range	-10 $^{\circ}$ C to +50 $^{\circ}$ C
Storage Temperature Range	-30 $^{\circ}$ C to +60 $^{\circ}$ C
E.O.L Devices	10 K Ω resistors (supplied with module)
Supported Barriers	MTL 3043, 4061, 5061, KFDO-CS-Ex1.51, KFDO-CS-Ex2.51, KFDO-CS-Ex1.51P, KFDO-CS-Ex2.51P
Open Collector Output Rating	30Vdc, 30mA
Detectors per Zone	SLR-E-IS (or DCD-1E-IS) & Call Points :- 20MAX
Colour / Case Material	Ivory White / ABS
Weight (g)	(OEM) 127 (OEM with optional box) 682

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Quality System
Certificate No. 164
Assessed to ISO9001



Environmental Management System
Certificate No. EMS 286
Assessed to ISO 14001 : 1996

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