

# I.S. Compatible Dual Zone Monitor

## CHQ-Z(I.S.)



### Features

- ▶ Single loop address
- ▶ Requires an auxiliary 24Vd.c. supply
- ▶ Supports two independent zones of Hochiki I.S. Conventional Detectors
- ▶ Both zones fully monitored for short/open-circuit

### Description

Model CHQ-Z(I.S.) is a Dual Circuit Controller which is fully compatible with Hochiki's ESP analogue addressable protocol and I.S. equipment. The unit will allow connection of up to forty Hochiki I.S. conventional detectors through a **Galvanic isolator**, which are fully monitored for open and short circuit. An open collector output is provided but will only operate if supported by the Control Panel. **(Please note that this module should only be installed in the safe area.)**

The conventional zones on the CHQ-Z(I.S.) do 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(I.S.)/OEM (without box as shown)
Operating Voltage	17 - 41Vd.c.
Low Power Mode (typ)	110µA
Quiescent Current (typ)	300µA
Current Consumption (External 24V )	(Quiescent) 11mA min (plus detector load) (Alarm) 100mA (both zones in fire)
Capacitance Per Conventional Zone	0.3µF Max
Resistance Per Conventional Zone	50Ω Max
Operating Temperature Range	-10°C to +50°C
Storage Temperature Range	-30°C to +60°C
E.O.L Devices	10KΩ 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-I.S (or DCD-1E-IS) & Call Points : 20MAX
Colour / Case Material	Ivory White / ABS
Weight (g) / Dimensions (mm)	(OEM) 127 / L185 x H97 x D30
	(OEM with optional box) 682 / L235 x W160 x H92