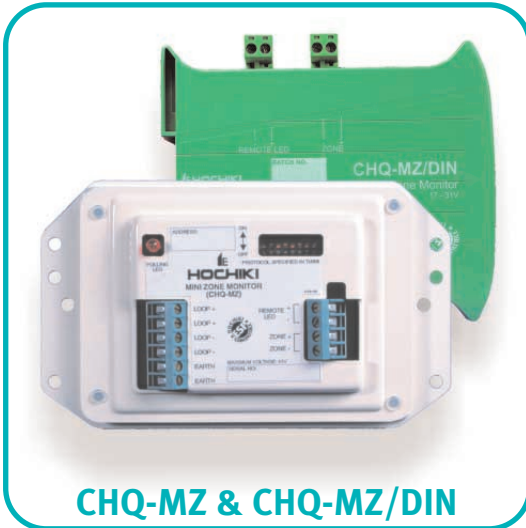


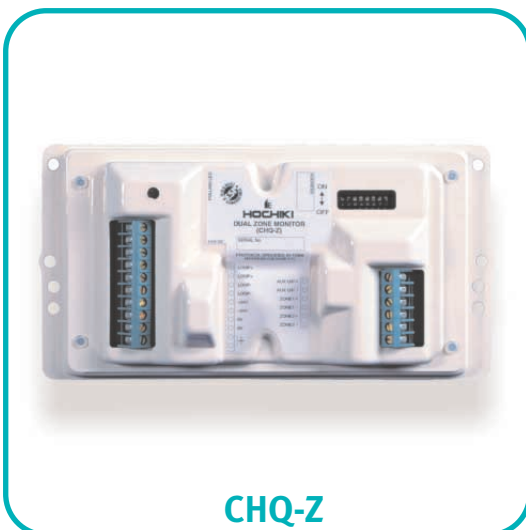
CHQ MODULES - INPUTS



CHQ-MZ & CHQ-MZ/DIN



CHQ-S & CHQ-S/DIN



CHQ-Z

All modules are fully compatible with Hochiki's ESP analogue addressable protocol and are supplied as OEM version (as illustrated) which can be fitted within an IP67 rated enclosure. Addressing is achieved via simple DIL switches:

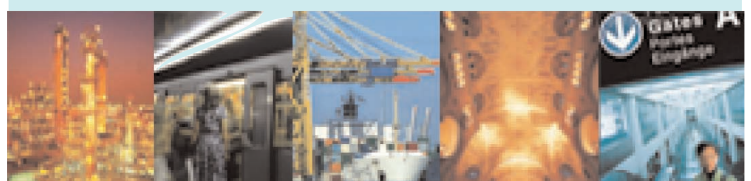
Model CHQ-MZ/OEM is a Mini Zone Controller designed to allow up to six conventional detectors to be interfaced to Hochiki's ESP analogue addressable system. Also available as a DIN Rail mountable version, with or without an integral short-circuit isolator (CHQ-MZ/DIN(SCI) & CHQ-MZ/DIN).

Model CHQ-S/OEM is a Dual Switch Monitor designed to interface to a variety of inputs such as door contacts, sprinkler flow / door switches and plant equipment. Also available as a DIN Rail mountable version, with or without an integral short-circuit isolator (CHQ-S/DIN(SCI) & CHQ-S/DIN).

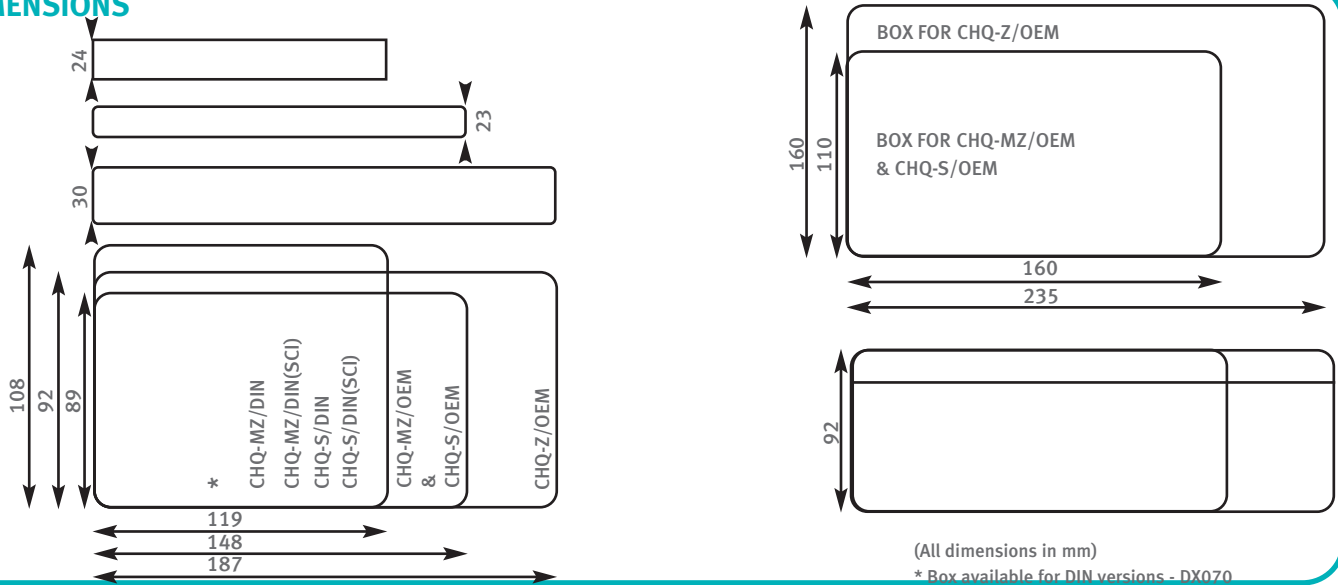
Model CHQ-Z/OEM is a Dual Circuit Zone controller designed to allow up to sixty conventional detectors (30 on each zone) to be interfaced to Hochiki's ESP analogue addressable system.



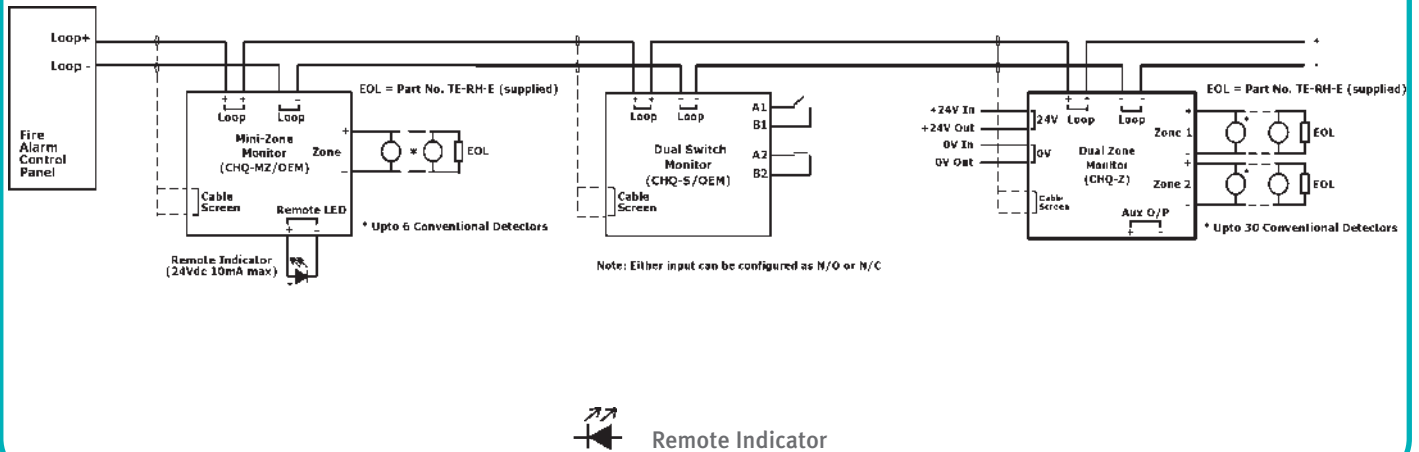
- ▶ Single Loop Address
- ▶ Approved by LPCB



DIMENSIONS



WIRING



SPECIFICATIONS

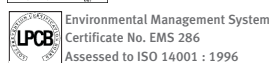
Ordering Codes	CHQ-MZ/OEM (without box) CHQ-MZ/DIN (DIN Rail version) CHQ-MZ/DIN(SCI) (DIN Rail version with short-circuit isolator)
Operating Voltage	17 - 41Vdc
Low Power Mode (typ)	120µA*
Quiescent Current (typ)	260µA*
Alarm (typ)	63mA (remote LED on)
Capacitance on Zone	0.3µF Max
Resistance on Zone	50Ω Max
Operating Temperature Range	-10°C to +50°C
Storage Temperature Range	-30°C to +60°C
Maximum Humidity	95%RH - Non Condensing (at 40°C)
E.O.L. Device	TE-RH-E
Quantity per Zone	DFE - no limit SLR, SIJ, DCD, SLR-E3 - 6 max HF24 one only (no other detectors) Call Points - no limit
Colour / Case Material	Ivory White / ABS
Weight (g)	(OEM) 77 (OEM with box) 386 (DIN) 122 (DIN(SCI)) 115
Approval (CHQ-MZ/OEM)	LPCB

Ordering Codes	CHQ-S/OEM (without box) CHQ-S/DIN (DIN Rail version) CHQ-S/DIN(SCI) (DIN Rail version with short-circuit isolator)
Operating Voltage	17 - 41Vdc
Low Power Mode (typ)	97µA*
Quiescent Current (typ)	280µA*
Active Current (typ)	4.3mA (both inputs active) - add 85µA per input for normally closed contact monitoring
Input Line Resistance	ON threshold <50Ω OFF threshold >100KΩ
Operating Temperature Range	-10°C to +50°C
Storage Temperature Range	-30°C to +60°C
Maximum Humidity	95%RH - Non Condensing (at 40°C)
Colour / Case Material	Ivory White / ABS
Weight (g)	(OEM) 75 (OEM with box) 384 (DIN) 110 (DIN(SCI)) 115
Approval (CHQ-S/OEM)	LPCB

*Note - SCI versions will take additional current (50µA)

Ordering Code	CHQ-Z/OEM (without box)
Operating Voltage	17 - 41Vdc
Low Power Mode (typ)	110µA
Quiescent Current (typ)	300µA
Current (Quiescent)	800µA
Consumption (Alarm) (External)	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
Maximum Humidity	95%RH - Non Condensing (at 40°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 (OEM) 118 (OEM with box) 673
Weight (g)	(OEM) 118 (OEM with box) 673
Approval	LPCB

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