

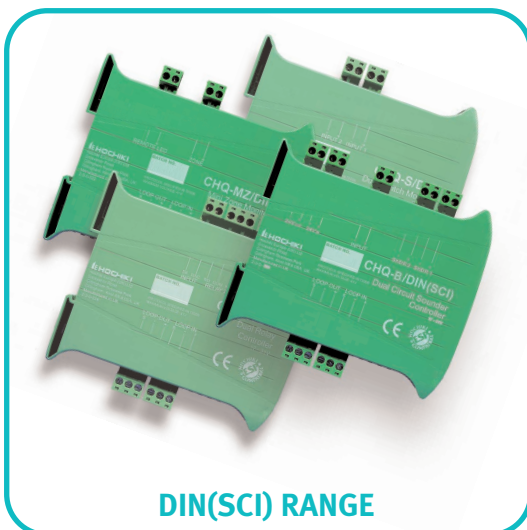
SHORT-CIRCUIT ISOLATORS



YBO-R/SCI



CHQ-SCI/DIN



DIN(SCI) RANGE

Hochiki has three short-circuit isolating devices, each fully compatible with Hochiki's ESP protocol:

Model **YBO-R/SCI** is a Base Loop Isolator which can be used instead of the standard YBN-R/3 Base and is compatible with any of the ESP Sensors. The unit incorporates an amber LED to show when it is isolating a section of the loop. A cover is available for when a sensor is not fitted (S/I-BC).

- ▶ Status LED
- ▶ Connection of up to 127 per loop

Model **CHQ-SCI/DIN** is a DIN-Rail mountable version of the YBO-R/SCI Isolating Base.

- ▶ Robust design
- ▶ Easy to install



Each product in the standard DIN(SCI) rail mountable module range also features an integral short-circuit isolator. The range consists of:

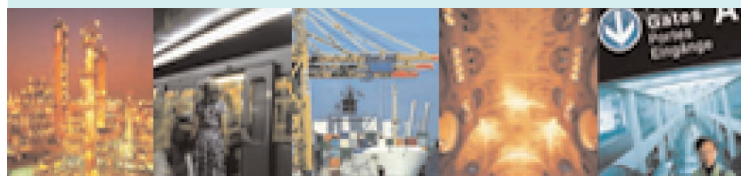
CHQ-B/DIN(SCI) - Dual Circuit Sounder Controller

CHQ-MZ/DIN(SCI) - Mini Zone Controller

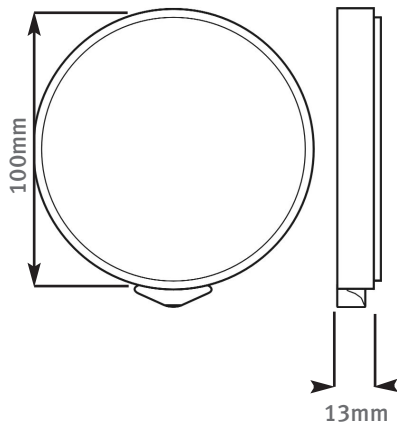
CHQ-R/DIN(SCI) - Dual Relay Controller

CHQ-S/DIN(SCI) - Dual Switch Monitor

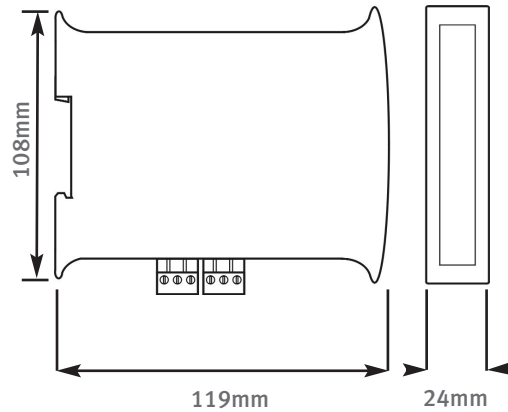
Note: All Isolators isolate the positive side of the loop



DIMENSIONS



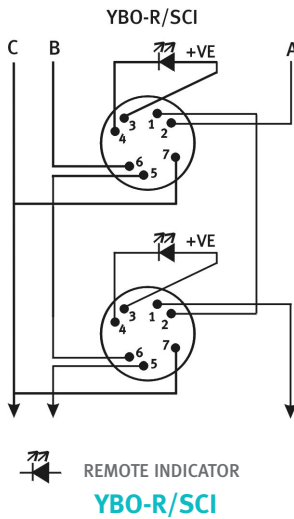
YBO-R/SCI



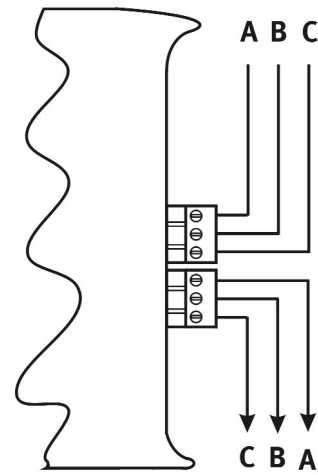
CHQ-SCI/DIN (& DIN(SCI)s)

WIRING

KEY: A Loop +ve, B Loop -ve, C Cable Screen



YBO-R/SCI



CHQ-SCI/DIN (& DIN(SCI)s)

SPECIFICATIONS

Ordering Codes	YBO-R/SCI (Base) CHQ-SCI/DIN (Din Rail Version)
Operating Voltage	17 - 41Vdc
Quiescent Current (typ)	50µA
Current In Short Circuit	<10mA
Max. Short Circuit Current	1A
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	(Base) Ivory White / ABS (DIN Rail Version) Green / ABS
Max No of Isolators per Loop	127*
Weight (g)	(Base) 85 (DIN) 122
Base Fixing Centres (mm)	48 ~ 74
Accessories	S/I-BC (Base Cover)
Approvals	LPCB (Base only) Vds (Base only) (G204049)

* Check with Control Panel manufacturer for maximum loop quantities

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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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PART No. 9-5-0-258/ISS1/OCT04