



HCP-W(SCI)/SIL

Weatherproof Analogue Addressable Manual Call Point with Short-Circuit Isolator

Features

- ▶ SIL Level 2 approved
- ▶ Ideal for use in oil and gas environments
- ▶ Fast response
- ▶ Integral short-circuit isolator
- ▶ Bi-coloured status LED
- ▶ Non-frangible element fitted as standard (conforms to EN54)
- ▶ Addressed with TCH-B200 Hand Held Programmer
- ▶ Surface mounted
- ▶ IP67 rated
- ▶ LPCB approved to EN54



Description

Model HCP-W(SCI)/SIL is a weatherproof Manual Call Point with integral short-circuit isolator, which has been independently assessed and approved for use in a SIL2, low demand safety function with regards to random failure rates.

The unit incorporates a bi-coloured LED, which can be selected as pulsing/non-pulsing*1 for communications polling and is continuously lit when the HCP-W(SCI) is operated – in these two states the LED will show red. The LED will show amber when a short-circuit is present but will switch to red if the unit is activated. The unit operates by pressing the EN54 compliant non-frangible (plastic) element and produces a high level ESP interrupt. A built in test function initiated by the control panel ensures the integrity of the device at all times and the device can be tested by insertion of a test key in the underside of the unit. Two terminal blocks are provided for easy connection to the loop wiring.

The unit is addressed using the TCH-B100 Hand Held Programmer for quick and reliable addressing. An optional glass element is also available.

Specification	
Operating Voltage	17 – 41 VDC
Low Power Mode (typ)	180 µA (max), 100 µA (typ)
Quiescent Current	350 µA (max), 250 µA (typ)
Alarm Current	10.0 mA (max), 5 mA (typ)
Resistance in positive	100 mΩ when closed (max), 100 kΩ when open (min)
Short-circuit threshold (typ)	430 Ω
Transmission Method	Digital Communication Using ESP
Operating Temperature Range	-10 °C to + 50 °C
Storage Temperature Range	-30 °C to + 70 °C
Maximum Humidity	95% RH - Non Condensing (at 40 °C)
Ingress Protection Rating	IP67
Colour / Case Material	Red / Modified Polyphenylene Oxide
Weight (g) / Dimensions (mm)	(Flush Unit) 110 / W 89 x H 93 x D 27.5
	(With Surface Mount Back Box) 161 / W 89 x H 93 x D 59.5

*1 Fire alarm control panel compatibility is required for this feature.

Ordering Codes

Product	Part Number
Weatherproof Analogue Addressable Manual Call Point with Short-Circuit Isolator	HCP-W(SCI)/SIL



For further information visit www.hochikieurope.com/silapproved

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