ESP
Intelligent

HCP-W(SCI)

Weatherproof Analogue Manual Call Point with SCI

Features

▸ Fast response
▸ Integral short-circuit isolator
▸ Bi-coloured status LED
▸ Non-frangible element fitted as standard (conforms to EN54)
▸ Addressed with TCH-B100 Hand Held Programmer
▸ Surface mounted
▸ IP67 rated
▸ LPCB approved to EN54
▸ SIL Level 2 approved variants available

Description

Model HCP-W(SCI) is a weatherproof Manual Call Point with integral short-circuit isolator, which is fully compatible with Hochiki's ESP analogue addressable protocol. 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.

IMPORTANT NOTE: If changing the element from Glass to Flexi, please confirm the operation by pressing the resettable element.

Specification

Ordering codes	HCP-W(SCI)
Ingress potection rating	IP67
Colour / case material	Red / Modified Polyphenylene Oxide
Operating voltage	17-41VDC
Low power mode	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	-10ºC to +50ºC
Storage temperature range	-30ºC to +60ºC
Max humidity	95%RH Non-condensing (at 40ºC)
Weight (g) / Dimensions (mm)	234 / W 98 x H 94 x D 78

*[1]Fire alarm control panel compatibility required for these products.

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