



Analogue Addressable Manual Call Point with SCI HCP-E(SCI)

Model HCP-E(SCI) is a Manual Call Point with integral short-circuit isolator, which is fully compatible with Hochiki's ESP analogue addressable protocol. The unit incorporates a bicoloured LED, which can be selected as pulsing/non-pulsing*1 for communications polling and is continuously lit when the HCP-E(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. The unit can be flush mounted as supplied. For surface fixing a suitable back box such as the SR MOUNTING BOX is required (sold separately). An optional glass element is also available.

FEATURES

- Fast response
- Bi-coloured status LED (red for alarm, amber for short-circuit)
- Non-frangible element fitted as standard (conforms to EN54)
- Addressed with TCH-B100 Hand Held Programmer
- Surface or flush mounting (if surface mounting, requires SR MOUNTING BOX – sold separately)
- LPCB Approved to EN54

SPECIFICATION

Operating voltage	17- 41 V dc
Low Power Mode	180 μ A (max), 100 μ A (typ)
Quiescent current	350 μ A (max), 250 μ A (typ)
Alarm Current	10.0 mA (max), 5 mA (typ)
Resistance in positive	100 m Ω when closed (max), 100 k Ω when open (min)
Short-Cct threshold (typ)	430 Ω
Transmission Method	Digital Communication using ESP
Operating Temp Range	-10 °C to + 50 °C
Storage Temp Range	-30 °C to + 70 °C
Max Humidity	95%RH- Non Condensing (at 40 C)
IP Rating	IP24
Colour / Case Material	Red / Modified Polyphenylene Oxide
Weight	Flush: 110 g Surface: 161 g
Dimensions	Flush: W89 x H93 x D27.5 mm Surface: W89 x H93 x D59.5 mm