eurotech®
FIRE SYSTEMS LIMITED

Version 1.1/24



Hochiki Analogue 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. 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-B200 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.
IMPORTANT NOTE: After changing the element from Glass to Flexi, please confirm the operation by pressing the resettable element.

FEATURES

- 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 or flush mounting (if surface mounting, requires SR MOUNTING BOX – sold separately)
- LPCB Approved to EN54-11
- SIL Level 2 approved and 'SMOKE VENT' label printed variant available.

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TECHNICAL SPECIFICATION

Ordering codes	HCP-E(SCI) or HCP-E(SCI)/SIL also available in: Blue HCP-EB / Orange HCP-EO(SCI / Yellow HCP-EY(SCI)
Backbox ordering code	SR MOUNTING BOX (required for surface fixing – sold separately)
Ingress potection rating	IP24
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	-10°C to +50°C
Storage temperature range	-30°C to +70°C
Max humidity	95%RH Non-condensing (at 40°C)
Weight (g) / Dimensions (mm)	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)
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**1Fire alarm control panel compatibility required for this feature.*	

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