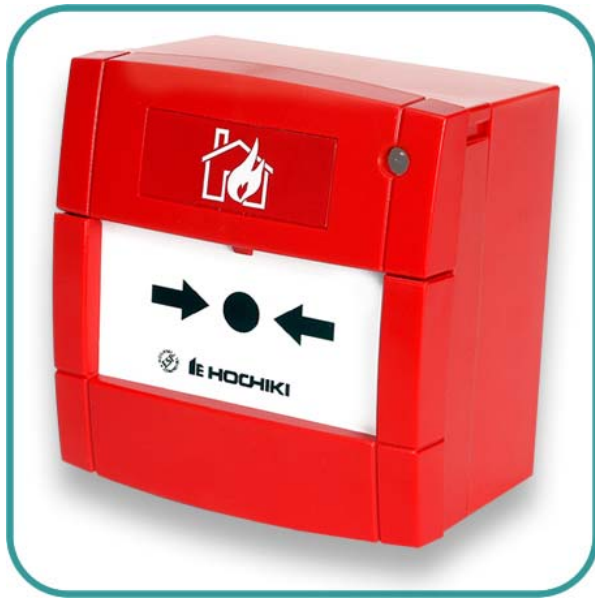


Analogue Addressable Manual Call Point with Short-Circuit Isolator

HCP-E(SCI)



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
- ▶ LPCB Approved to EN54

Description

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 bi-coloured 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 and the unit can also be flush mounted if required. An optional glass element is also available.

Specification	
Ordering Code	HCP-E(SCI)
Back Box Ordering Code	SR
Operating Voltage	17 - 41Vd.c.
Low Power Mode	180µA (max), 100µA (typ)
Quiescent Current	350µA (max), 250µA (typ)
Alarm Current	10.0mA (max), 5mA (typ)
Resistance in positive	100mΩ when closed (max), 100kΩ when open (min)
Short-circuit threshold (typ)	430Ω
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	IP24
Colour / Case Material	Red / Modified Polyphenylene Oxide
Weight (g) / Dimensions (mm)	(Flush Unit) 110 / W89 x H93 x D27.5 (With Surface Mount Back Box) 161 / W89 x H93 x D59.5

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