ESP
Intelligent

HCP-EM(SCI)

Marine Approved Manual Call Point with SCI

Features

▸ Fast response
▸ Status LED
▸ Non-frangible element fitted as standard (conforms to EN54)
▸ Addressed with TCH-B200 Hand Held Programmer & PL-3 lead
▸ Surface or flush mounting
▸ Approved to MED, DNV, IEC 60092-504 requirements
▸ DNV-GL Module B (Type Examination)
▸ DNV-GL Module E (Product Quality Assurance)

Description

Model HCP-EM(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-EM(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.

Specification

Ordering codes	HCP-EM(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	-10ºC to +50ºC
Storage temperature range	-30ºC to +70ºC
Max humidity	95%RH Non-condensing (at 40ºC)
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)

[1]Fire alarm control panel compatibility required for this feature.

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