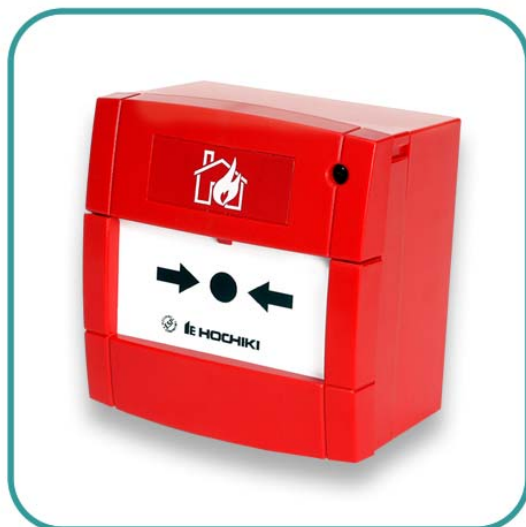


# Marine Approved Analogue Addressable Manual Call Point *HCP-EM*



## Features

- ▶ Fast response
- ▶ Status LED
- ▶ 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)
- ▶ Approved to MED by GL
- ▶ GL Type approval
- ▶ Approved by LPCB

## Description

Model HCP-EM is a Marine Approved Manual Call Point, which is fully compatible with Hochiki's ESP analogue addressable protocol.

The HCP-EM incorporates a red LED mounted on the front cover, which can be selected as pulsing/non-pulsing<sup>\*1</sup> for communications polling and is continuously lit when the unit is operated. The HCP-EM is operated by pressing the EN54 compliant non-frangible (plastic) element and, once operated, produces a high level ESP interrupt, allowing the control panel to respond very quickly. 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.

| Specification                |                                                                            |
|------------------------------|----------------------------------------------------------------------------|
| Ordering Code                | HCP-EM                                                                     |
| Back Box Ordering Code       | SR MOUNTING BOX<br>(required for surface fixing – <b>sold separately</b> ) |
| Operating Voltage            | 17 – 41 V dc                                                               |
| Low Power Mode (typ)         | 90 $\mu$ A                                                                 |
| Quiescent Current (typ)      | 220 $\mu$ A                                                                |
| Alarm Current (typ)          | 5.0 mA                                                                     |
| Transmission Method          | Digital Communication Using ESP                                            |
| Operating Temperature Range  | -10 °C to + 50 °C                                                          |
| Storage Temperature Range    | -30 °C to + 60 °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)<br>161 / W89 x H93 x D59.5                   |
| Approvals                    | LPCB EN 54-11:2001, LR & GL                                                |

<sup>\*1</sup> Fire alarm control panel compatibility is required for this feature.