

# HOCHIKI EUROPE (UK) LTD

## ADDRESSABLE WEATHERPROOF CALL POINT

### INSTALLATION INSTRUCTIONS

**Products Covered: ICP-W(SCI)**

#### Introduction

The ICP-W(SCI) is a weatherproof addressable call point with an integrated short-circuit isolator (SCI) and is compatible with Hochiki's Enhanced Systems Protocol (ESP). The unit can be used outdoors and features a resettable activation element that is reset with the use of a key (included). The unit is surface fitted and comes with a back box.

#### Setting the Loop Address

Each device must have a unique address set before operation, this can be set before or after connection to the loop, but the loop **MUST NOT** be powered. Set the address with a hand-held programmer (TCH-Bxxx) and programming lead (PL-3) connected to the programming connector on the back of the unit (see fig 2). See the TCH-Bxxx instructions for further details.

#### Status LED

The unit incorporates a bi-coloured LED, the LED will show amber when a short-circuit is present but will switch to red when the unit is operated.

#### Polling Mode

The polling (flashing of LED when communicating) is controlled via the connected control panel (check control panel compatibility). Note the factory default for all models is flashing mode.

#### Mounting

To surface-fit the unit, use the included black back box (fig 1). Use the supplied fixings to fix the back box to a flat vertical surface, using two of the four mounting holes provided.

The back box features three threaded knockouts to allow loop cable access as required. Threaded glands (not supplied) should be used to maintain IP rating.

**NOTE:** Do not connect circuit wiring to this call point, other field devices or the control panel, or apply power to any portion of the system until all necessary wiring polarity, continuity and insulation tests have been performed. All wiring must conform to applicable local and national regulations and codes of practice.

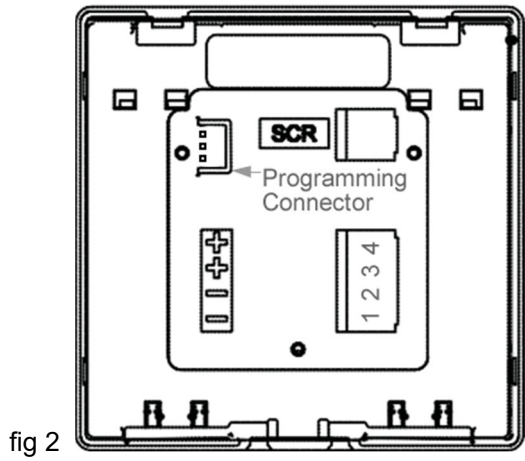
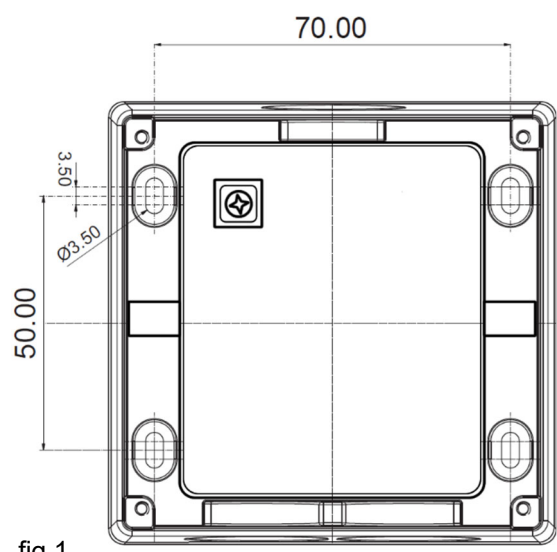
#### Connection

Terminate field wiring in the Push Fit Terminal Connector taking care to maintain continuity of any shielding provided.

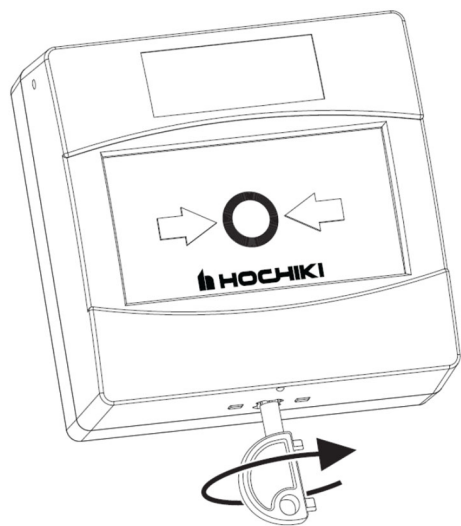
|                                             |                            |
|---------------------------------------------|----------------------------|
| <b>Positive (+)<br/>communication loop:</b> | <b>Terminals 3 &amp; 4</b> |
| <b>Negative (-)<br/>communication loop:</b> | <b>Terminals 1 &amp; 2</b> |

Plug the Terminal connector onto the rear of the call point.

Fix call point to mounting box taking care that all cables are secure and have sufficient clearance.



Resetting the Call Point



Use the supplied key, insert into the hole in the underneath of the call point and turn clockwise to reset the unit.

| Technical Specifications |                   |
|--------------------------|-------------------|
| Maximum Voltage          | 41 Vdc            |
| Minimum Voltage*         | 17 Vdc            |
| Current Rating           | quiescent: 55 uA  |
|                          | alarm: 60 uA      |
| Operating Temperature    | -30 / +70 °C      |
| Humidity                 | 95%               |
| IP rating                | 67                |
| Materials                | ABS/Polycarbonate |
|                          | PA6+glass fibre   |

| EU & UKCA DofP No                                                                                                                                                                         |                                                                                                        |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----|
| ICP-W(SCI)                                                                                                                                                                                | 2831-CPR-F4855                                                                                         | 23 |
| ICP-W(SCI)                                                                                                                                                                                | 0832-UKCA-CPR-F1775                                                                                    | 23 |
|  <br>2831      0832 | EN 54-11:2001+ A1:2005<br>Manual Call Points<br>Type A Outdoor<br>Manual Call Point<br>Red series only |    |



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