

Resetting

After testing, reset the call point by interlocking the reset key with reset mechanism, which is located on the front face. Turn the reset key clockwise until the yellow and black striped indicator is no longer visible.

Earth Continuity Plate

An earthing plate (**Fig. 4**) is provided to maintain earth continuity of metal conduits or cable glands. This must be placed behind the backbox prior to fixing the box to the wall.

Important Information

The use of lubricants, cleaning solvents or petroleum based products should be avoided. The O-ring, part no 31523-007 should be replaced when refitting or replacing the Water-proof cover.

Transparent Hinged Cover

To provide additional protection against accidental operation, a Transparent Hinged Cover, part no 44251-189, is available or 44251-175 for multiples of 10. This can be fitted to the manual call point included with this guide.

Dust Cover

To ensure optimal performance, leave the dust cover on the product and remove on commissioning.

For further information, please refer to PP2458 which is available on request.



Conventional Waterproof Manual Call Point Installation Guide

**General**

This guide describes the installation of the following products:

Part No	Product Name	Type	Colour
55200-003	Conventional Waterproof Manual Call Point	Outdoor	Red
55200-004	Conventional Non-Standard Waterproof Manual Call Point	Outdoor	Yellow

Installation

To view the installation video, please use the QR code above

- Place the earthing plate behind the backbox (see Earth continuity plate section). Fit the backbox to a flat surface using the four fixing holes. The cable entry holes should be in the vertical plane. The backbox can be mounted with either the single or double entry holes at the top (**Fig. 1**). **Note: All MCP installation and securing screws have a maximum tightening torque of 0.6Nm.**

Note: Cable entry from the bottom of the call point is recommended if there is a possibility of moisture condensing within the conduit or cables.

- Run the cables into the backbox and connect them to the terminal block as shown in **Fig. 3**. Ensure that functional earth/screen continuity is maintained.
- The Element must be in the ACTIVATED position when either removing or replacing the Front Cover Assembly.**

Connect the cables to the terminal block and ensure that the O-ring is correctly seated in the channel. Place the cover squarely over the backbox and tighten the 6 fixing screws with the 2.5mm hexagonal key (supplied) to lock the cover. **Do not use excessive force, do not over tighten screws.**

When reassembling the Front Cover Assembly the two lower clips are located first followed by the two top clips.

The Conventional Manual Call Point is a 'type A' call point and is suitable for outdoor use.

Wiring Details

To maintain the integrity of the enclosure it is essential that suitable IP67 cable glands be used.

A suitable thread sealant is recommended to maintain IP rating.

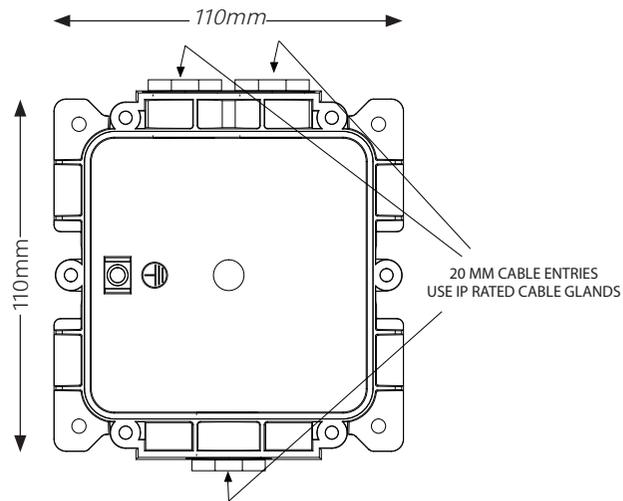


Fig. 1 Backbox

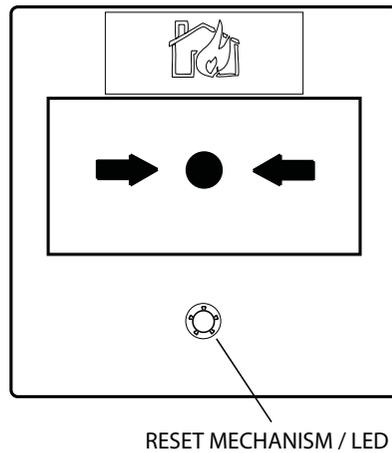


Fig. 2 Front cover

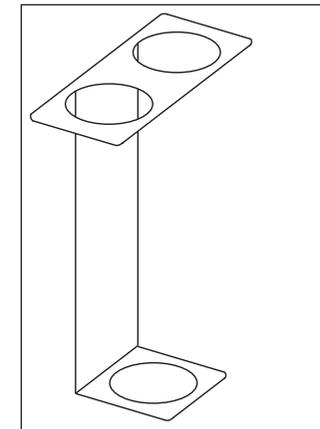


Fig. 4 Earthing plate

Technical Information

Alarm Resistor Fitted
 Alarm Current, 470Ω (max)
 Operating Voltage (max)
 Switch Contact Type
 Switch Contact Rating
 Operating Temperature

470Ω/680 Ω
 80mA
 33V DC
 Normally Closed
 1A
 -30°C to 70°C

LED Indicator

☉ Illuminated red in alarm

Commissioning

The installation must conform to BS5839-1 (or applicable local codes).

Ensure that the deformable element is fitted to each call point before testing.

Troubleshooting

Before investigating individual units for faults, it is important to check that the system wiring is fault free.

Many fault conditions are the result of simple wiring errors. Check all connections to the unit. Do not overtighten screws when mounting the backbox.

Fault Finding

Problem	Possible Cause
Control panel reports zone fault	Incorrect zone wiring Detector removed
Control panel reports alarm	EOL device missing or incorrectly fitted MCP not reset
MCP does not activate alarm	Incorrect EOL device Incorrect wiring Incompatible control panel

Routine Testing

Push the centre of the Element (printed with two black arrows and a circle) until the yellow and black striped indicator is visible. Observe routine test requirements as specified in the applicable local codes.

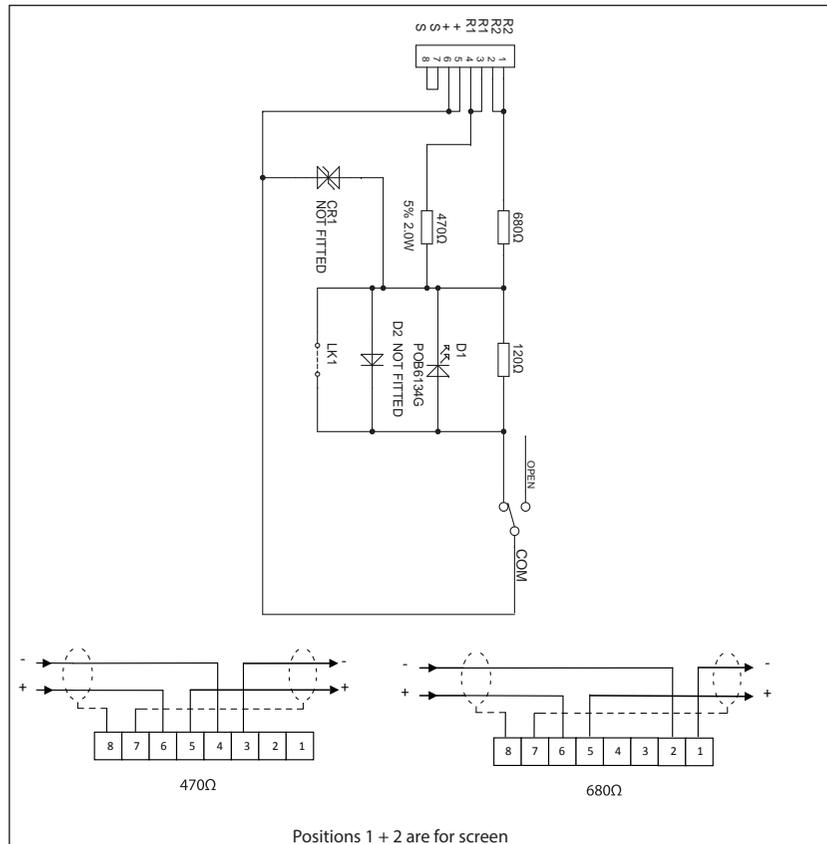


Fig. 3 Terminal block connection