Data and Installation Instructions

# Manual Call Points (MCPs)

## S4-348XX range

GENT by Honeywell

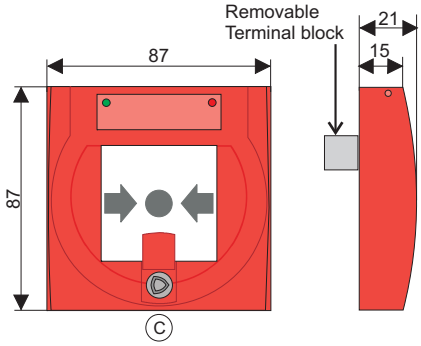


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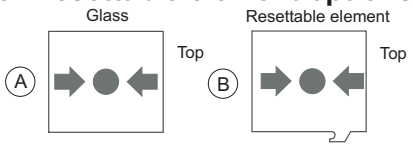
The manual call points (MCPs) covered in this leaflet are suitable for installation in GENT analogue addressable fire alarm system. The product range covered include:

- ☐ S4-34800 MCP (Glass)
- ☐ S4-34842 MCP (Glass) with Protective cover
- ☐ S4-34805 MCP with resettable Element
- ☐ S4-34845 MCP with resettable Element and Protective cover
- ☐ S4-34890 Resettable Element for MCP (Pack of 10)
- ☐ S4-34891 Glass for MCP (Pack of 10)
- ☐ S4-34892 Protective cover for MCP (Pack of 5)
- ☐ S4-34895 Surface Back Box for MCP (Red Plastic) (Pack of 10)

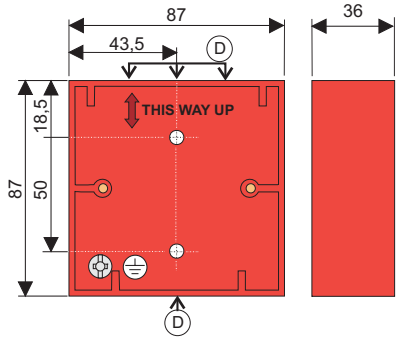
## Call point assembly




## Glass or Resettable element options




## Optional Back box



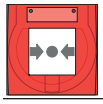

The optional back box has recessed centres 'D', 3 at the top and 1 at the bottom, a maximum of 2 are usable.

## Technical data

| | |
|---|---|
| Standard | EN54: Part 11: 2001 |
| Dimensions | height 88 mm x width 88 mm depth 21 mm or 57 mm when surface mounted |
| Full assembly weight | 110g - approximate |
| Storage temperature | -30 to 70ºC |
| Operating temperature | -25 to 70°C |
| Relative Humidity (Non condensing) Temperature 25 - 55°C | up to 95% |
| Emission | BS EN61000-6-3:2001 Residential, Commercial & Light Industry **Class B limits** |
| Immunity | BS EN50130-4: Part 4 :1996 |
| Ingress Protection | IP43 estimated standard type<br>IP55 estimated with protective cover and back box |
| Colour | Red (similar to RAL3020) |
| Case | ABS engineering plastic |
| Indicators Normal | Green LED for status and find device application |
| Active | Red LED and Yellow tab for active or Fire indication |
| Testing | The mechanism and operation of the MCP is tested by using a test key |
| Terminals | 2.5mm$^2$ maximum |
| LPCB Approved | S4-34842, S4-34805, S4-34845 and S4-34800 |
| Operating voltage | 35V to 41V |
| Loop | Maximum number per loop = 200<br>Load factor = 4<br>(load factor 1000 max. per loop)<br>2-way device |

## Installation

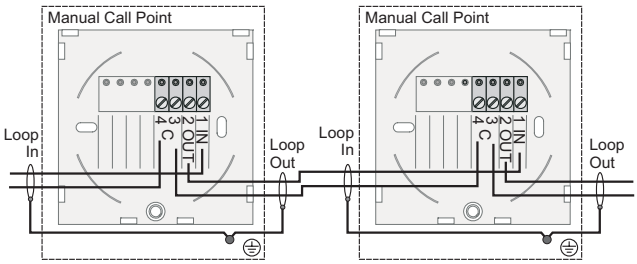
a) Check the contents of the package:

| | Component | Quantity |
|---|---|---|
|  | Call point assembly | 1 |
|  | Earth Strap | 1 |
|  | Test Key | 1 |
|  | Long Screw | 2 |
| i | Instruction leaflet | 1 |

b) The call point assembly may be mounted on a standard electrical box or on the optional red back box S4-34895.

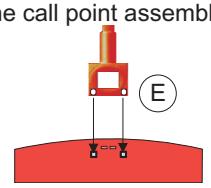
c) Feed the fire rated cables through the entry holes and mount an electrical box or the red optional back box to an even wall surface using suitable fixing.

**When semi flush fixing the call point assembly a standard electrical box must first be flushed into the wall before the call point assembly is fitted.**



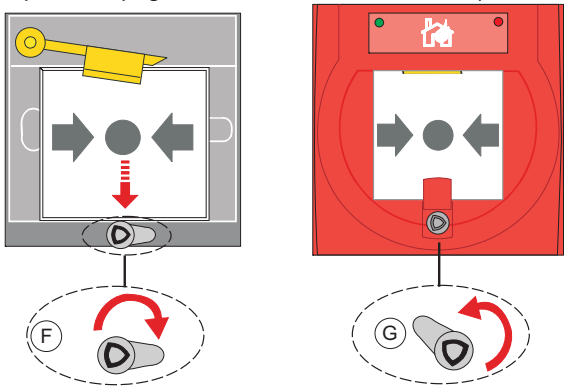

d) Terminate each cable entry at the back box. Use the *earth strap* or the *earth point* in the back box to maintain loop cable earth continuity. Connect the loop cable to the terminals.

e) Disengage front cover from the call point assembly using the end of the test key 'E' and lift out the cover from the bottom edge.




f) Secure the call point assembly to the back box using the 2 long screws supplied.

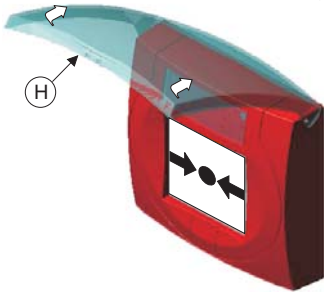
g) To re-assemble the glass or resettable element, using the test key turn the tab to position 'F' and insert the glass 'A' or optional resettable element 'B' (see previous page for information on 'A' and 'B').




h) Hook the front cover onto the top edge of the call point assembly and then push the bottom edge down until it click shuts. Check both hooks on the top of the front cover are locked onto the call point assembly.

i) Turn the test key anticlockwise to position 'G' (not visible) such that the glass or optional resettable element is held under the yellow arm.

j) Where applicable, ensure the protective cover 'H' is securely fitted to the call point assembly.

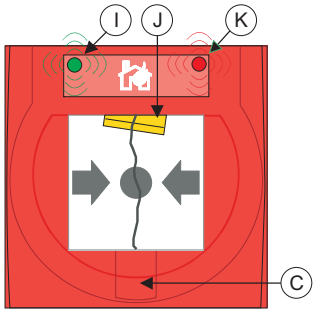



## Test operation

To test the call point is operating correctly, slide the cover 'C' upwards to expose the key hole. Insert the test key in the keyhole and rotate it clockwise a quarter turn, this drops the glass/element and the yellow tab down and will activate the call point.

Apply the reverse procedure to return the call point to a normal operating condition.

## Emergency operation




Lift up the protective cover if fitted and press the centre inwards to activate the call point, the yellow tab 'J' will become visible and the red LED 'K' is flashing.

## Replacing the Glass

**Open the front cover by following procedure e) and carefully remove broken glass. Take appropriate precautions when clearing broken glass to prevent injury. Replace the glass by following procedure g), h) and I).**

## Resetting the Resettable element

Slide the cover 'C' upwards to expose the key hole. Insert the test key in the keyhole and turn it clockwise to position 'F' (not visible). Turn the test key anticlockwise to position 'G' (not visible) to reset the call point.

**At the end of their useful life, the packaging, product and batteries should be disposed of via a suitable recycling centre and in accordance with national or local legislation.**

**WEEE Directive:**
At the end of their useful life, the packaging, product and batteries should be disposed of via a suitable recycling centre.
Do not dispose of with your normal household waste. Do not burn.

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0832
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| Product No. | EC Certification of Conformity No. |
|---|---|
| S4-34800 | 0832-CPD-1402 |
| S4-34842 | 0832-CPD-1402 |
| S4-34805 | 0832-CPD-1402 |
| S4-34845 | 0832-CPD-1402 |

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