

# ACP-06

## Conventional Manual Call Point



### Features

- High visibility indication in alarm condition
- Easy and economical installation
- Visible in the dark via the unique luminescent resettable element
- Six configurations in one unit design for reduced inventory holding
- Extremely easy to reset via the robust twist and set key system
- Surface mount and flush mount options available
- High impact resistant ABS plastic material
- Available in blue, green, yellow and white

Fire detection and evacuation solutions that save lives.

# ACP-06 Conventional Manual Call Point

## Description

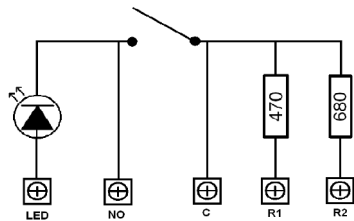
The Ampac ACP-06 is a resettable manual call point with unique and innovative features. It has been designed to obtain maximum visibility, high reliability in operation incorporating a pleasant aesthetic appearance and is fully approved to EN54-11.

Six modes of operation are achievable simply by choosing the appropriate internal connection terminals. All these configurations are easily accessed via the screw terminals. The internal printed circuit board is fully enclosed and protected and incorporates a current limiter that maintains a steady supply to the LED.

The ACP-06 is easily reset using the special key provided that allows a simple twist action to restore the call point to its normal operating condition. The same key is used to access the electrical connection.

The ACP-06 is supplied in a choice of either flush or surface mount options. Once fitted the front operating element simply snaps into place and is released using the dedicated test and removal tool supplied with each unit. There is the provision of two cable entry knockouts on the rear plus 2 x 3 pre-marked location points on the top and bottom of the surface mount back box.

## Connections



On the back of the call point there are 5 screw terminals connected to the internal PCB. Depending on where the external cables are connected, the call point provides a series resistor, activates an internal LED or can simply provide a closing contact. Connecting the +IN cable to the terminal marked LED the call point, when operated, will switch on the internal red LED. Alternatively, connecting to the NO terminal, the LED will not operate. There are three different options for connecting the -OUT wire. Connecting to the C terminal provides a clean contact without any series resistor (\*). Choosing either the R1 or R2 terminals incorporates a series resistance, where R1 is a 470 Ω (5% - 2 W) and R2 is a 680 Ω (5% - 2 W). The table below details the different connection options:

|               | LED | NO  | C    | R1   | R2S  |
|---------------|-----|-----|------|------|------|
| Switch        |     | +IN | -OUT |      |      |
| LED+Switch    | +IN |     | -OUT |      |      |
| LED+Switch+R1 | +IN |     |      | -OUT |      |
| Switch+R2     |     | +IN |      |      | -OUT |
| Switch+R1     |     | +IN |      | -OUT |      |
| LED+Switch+R2 | +IN |     |      |      | -OUT |

**Important Note:** Please note that incorrectly connecting the power supply directly between the “LED” and “NO” terminals can damage internal components, as the power supply will be directly applied to the LED. Carefully check your connections before applying power



## Technical Information

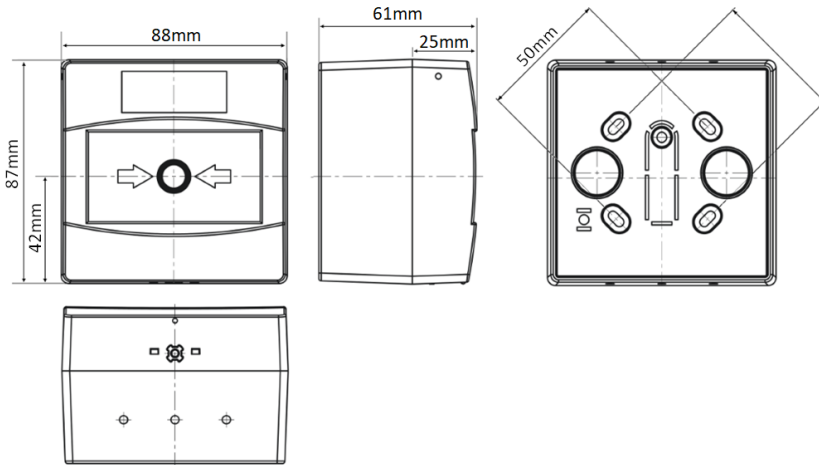
|                                       |  |
|---------------------------------------|--|
| <b>Mounting:</b>                      | Surface Mount / Flush Mount  |
| <b>Maximum Voltage:</b>               | 30 Volt  |
| <b>Minimum Voltage* :</b>             | 4.5 Volt if LED with R1 is chosen<br>6.0 Volt if LED with R2 is chosen |
| <b>Current Rating (Non-operated):</b> | 0 mA   |
| <b>Current Rating (operated):</b>     | 18 mA @12 Volt - R1  |
| <b>Resister Values</b>                | 13 mA @12 Volt - R2  |
| <b>R1 470Ω</b>                        | 45 mA @24 Volt - R1  |
| <b>R2 680Ω</b>                        | 31 mA @24 Volt - R2  |
| <b>Cable Termination:</b>             | 0.5 - 2.5 mm <sup>2</sup>  |
| <b>Operating Temperature:</b>         | -30 / +70 °C   |
| <b>Humidity:</b>                      | 0 - 95 %   |
| <b>IP rating:</b>                     | 42   |
| <b>Material:</b>                      | ABS / P glass fibre  |
| <b>Approvals</b>                      | AS 7240.11:2018  |

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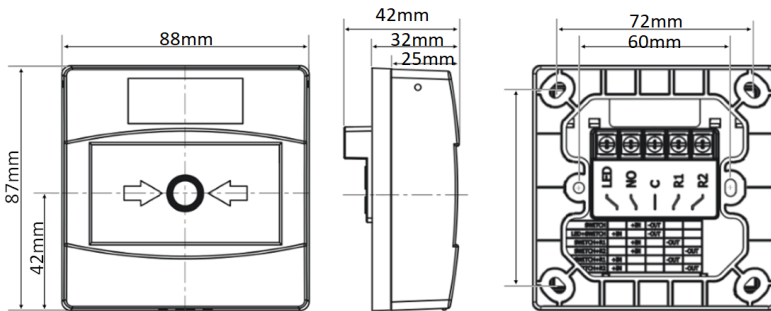
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## Dimensions

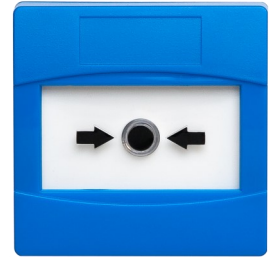
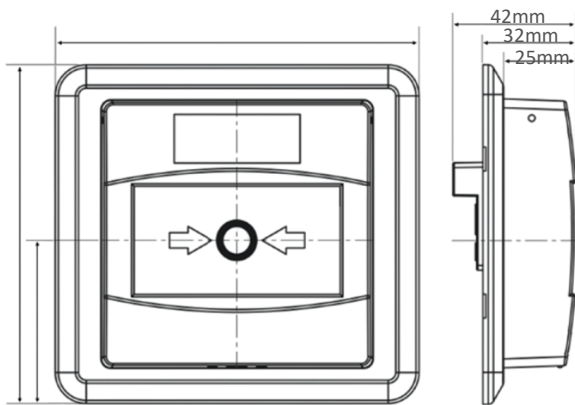
### Surface Mount



### Flush Mount



### Finishing Bezel



## Item Numbers

### Surface Mount

- 4105-1011 Red Surface Mount (Fire Symbol) Conventional MCP
- 4105-1012 Yellow Surface Mount Agent Release Conventional MCP
- 4105-1013 White Surface Mount Emergency Alarm Conventional MCP
- 4105-1014 Green Surface Mount Door Release Conventional MCP
- 4105-1015 Blue Surface Mount Conventional MCP
- 4105-1018 White Surface Mount Evacuate Alarm Conventional MCP

### Flush Mount

- 4105-1021 Red Flush Mount (Fire Symbol) Conventional MCP
- 4105-1022 Yellow Flush Mount Agent Release Conventional MCP
- 4105-1023 White Flush Mount Emergency Alarm Conventional MCP
- 4105-1024 Green Flush Mount Emergency Alarm Conventional MCP
- 4105-1025 Blue Flush Mount Conventional MCP
- 4105-1028 White Flush Mount Evacuate Conventional MCP

### Accessories

- 4105-1003 Light Grey Flush Mount Plate with Wall Finishing Bezel
- 4105-1004 Hinged Safety Cover - with "Lift to operate" text
- 4105-1005 Hinged Safety Cover - No text
- 4105-1006 Test Keys (pack of 10)