IMPORTANT NOTICES
These call points carry the following approvals:

ll 1 G Ex ia IIC T4 Ga -10°C to +55 °C
Ui=30 V, Ii=500 mA, Pi=1 W
Sira 04ATEX2350X

CE 2813
2831

They are designed and manufactured to protect against other hazards as defined in paragraph 1.2.7 of Annex II of the ATEX Directive 2014/34/EU.

They are intended for indoor use within Intrinsically Safe (I.S.) Systems utilising suitable Safety Barriers.

Special conditions for safe use (denoted by X after the certificate number)
The enclosure is non-conducting and may generate an ignition-capable level of electrostatic charges under certain extreme conditions. The user should ensure that the equipment is not installed in a location where it may be subjected to external conditions (such as high-pressure steam) which might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment should be done only with a damp cloth.

The equipment may be used in an ambient temperature range of -10°C to +55°C.

These call points must not be modified in any way as doing so may invalidate the Certification and may compromise the safety of the product.

apollo

Conventional I.S. Indoor Manual Call Point Installation Guide

General
Conventional I.S. Indoor Manual Call Point is available in two versions:

Part Number	Model Number	Product Name
55100-031	MCP1A-R470SF-A071-01IS	Conventional I.S. Indoor Manual Call Point-Red

Conventional Indoor Manual Call Point
The Conventional I.S. Indoor Manual Call Point is supplied with a backbox for surface mounting. The call point is 'Type A' and is suitable for indoor use only. For flush mounting, a standard electrical outlet box with a minimum depth of 25mm is required.

Installation – General
The installation must conform to BS5839: Part 1 (or applicable local codes).

Installation
1. Fit the backbox (**Fig 1**) to the wall.

2. Run the cables into the backbox and connect them to the terminal block as shown in **Fig 2**. Ensure that functional earth/screen continuity is maintained.

3. Unlock the small front cover by inserting the forked key and pushing it home. Remove key, slide the cover down and remove the deformable element. Connect the terminal block as shown in **Fig. 2**, secure the call point to the backbox and refit the deformable element as required. Finally, replace the front cover in the reverse order in which it was removed and push it up until it locks.

The call points should be installed in a position where they will not be subjected to mechanical stresses and where the temperature is within operating temperature range. Areas where there are, or are likely to be, aggressive substances should be avoided.

Transparent Hinged Cover (flip lid)
To provide additional protection against accidental operation of call points, a transparent hinged cover, part no. 26729-152 is available.

To prevent against malicious activations of call points, locking tags are also avaliable, part no. 26729-179 (pack of 5).

Please note that the call point does not conform to EN54–11 : 2001 when the hinged cover is **secured with the locking tag.**

Commissioning
Test each MCP using the test key provided. Ensure the control panel enters the alarm state.

Wiring Details
All wiring terminals accept solid or stranded cables up to 2.5mm².

Technical Data

Maximum Voltage	30V
Maximum Switching Current	500mA
Alarm Resistor	470 Ω
IP rating	IP24D
Operating Temperature	-10°C to +55°C
Wattage	1W

Note: These ratings must not be exceeded

Troubleshooting
Before investigating individual units for faults, ensure the system wiring is fault free.

Routine Testing
Insert the test key into the hole at the bottom of the call point and push home. Observe routine test requirements as specified in the applicable local codes.
Apart from regular testing, as part of the scheduled maintenance of the fire alarm system, no additional maintenance is required.

Resetting
After testing, reset the call point by removing the test key and pushing up the front cover until it clicks home.

Important Information
The use of lubricants, cleaning solvents or petroleum based products should be avoided. Do not over tighten fixing screws.

Fault Finding

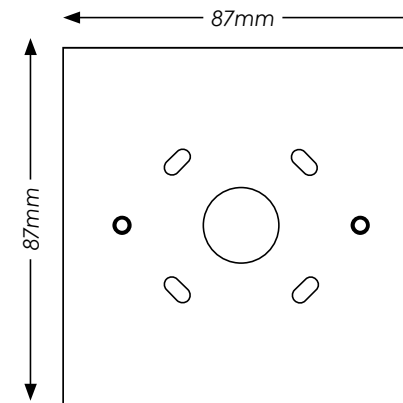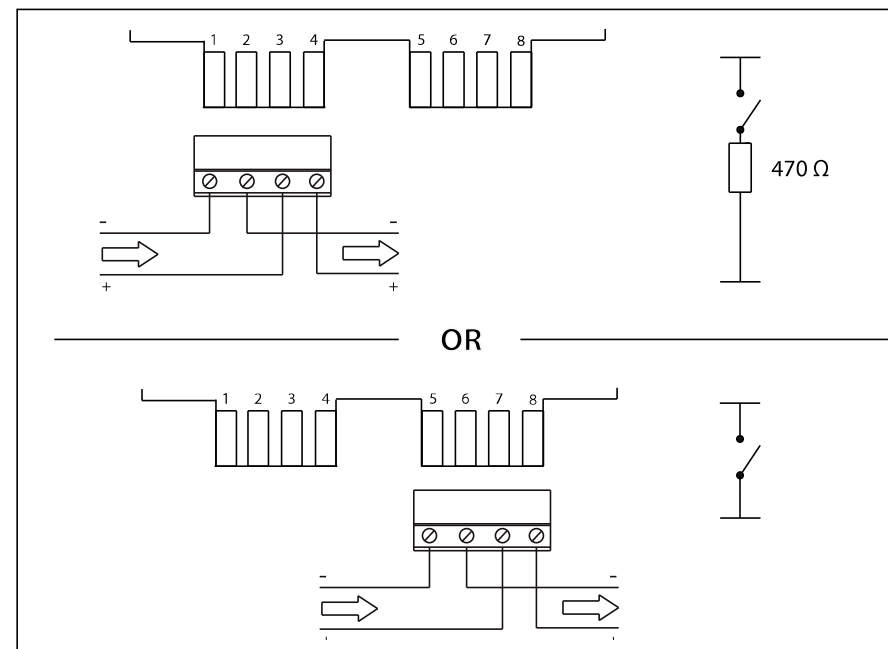| Problem	Possible Cause
Control panel reports zone fault	Incorrect zone wiring
	Detector removed
	EOL device missing or incorrectly fitted
Control panel reports alarm	MCP not reset
	Test key not removed
	Incorrect EOL device
MCP does not activate alarm	Incorrect wiring
	Incompatible control panel

For further information, please refer to PP2418.

Fig. 1   Backbox

Fig. 2   Terminal block connections