PERTRONIC INDUSTRIES LTD
Indicating Manual Callpoint Installation Note

Compatibility
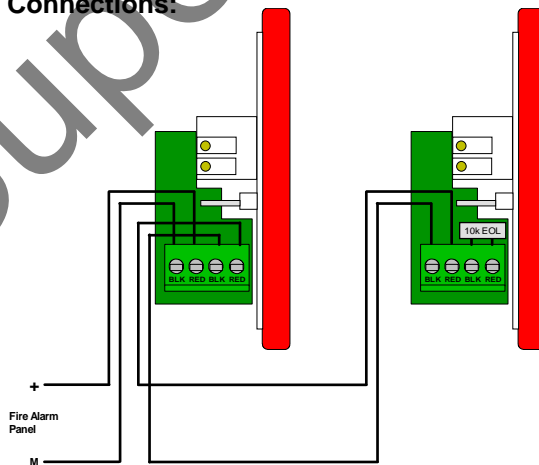
Indicating Manual Call-Points are compatible with the following products:

Product	MCP Hardware Version	Panel Software Version	Release Date
F1	v1.0 & above	v2.3 & above	November 2003
F1-2W	v6.0 & above	v9.04 & above	March 2007
F4	v1.0 & above	v2.26 & above	November 2003
F4-2W	v6.0 & above	v9.0 & above	March 2007
F16	v1.0 & above	v7.0 & above	November 2003
F16e	v1.0 & above	v1.10N & above	June 2004
Loop Responder	v1.0 & above	v3.00N & above	May 2004

Features

- High reliability Fire Alarm activation device.
- 'Snapglaze' frangible element for improved user safety (Patent NZ Number: 272427).
- Fully complies with NZS 4512:2003.
- Terminals accept $0.5mm^2$ to $1.5mm^2$ cable.
- Bi-directional circuit connection terminals. Either pair of terminals may be connected to the Fire Alarm panel.
- Red LED indication: The LED latches ON when activated. De-powering the Call-Point resets the LED.
- The Call-Point clamps the circuit voltage at 2.3Vdc.
- Compatible with 12V Bell reversal of F4-2W and F1-2W systems. For non-2W panels, reversal of the MCP causes a High Defect. The M-Level reached depends upon the number of devices on the circuit and the number which are reverse-connected.
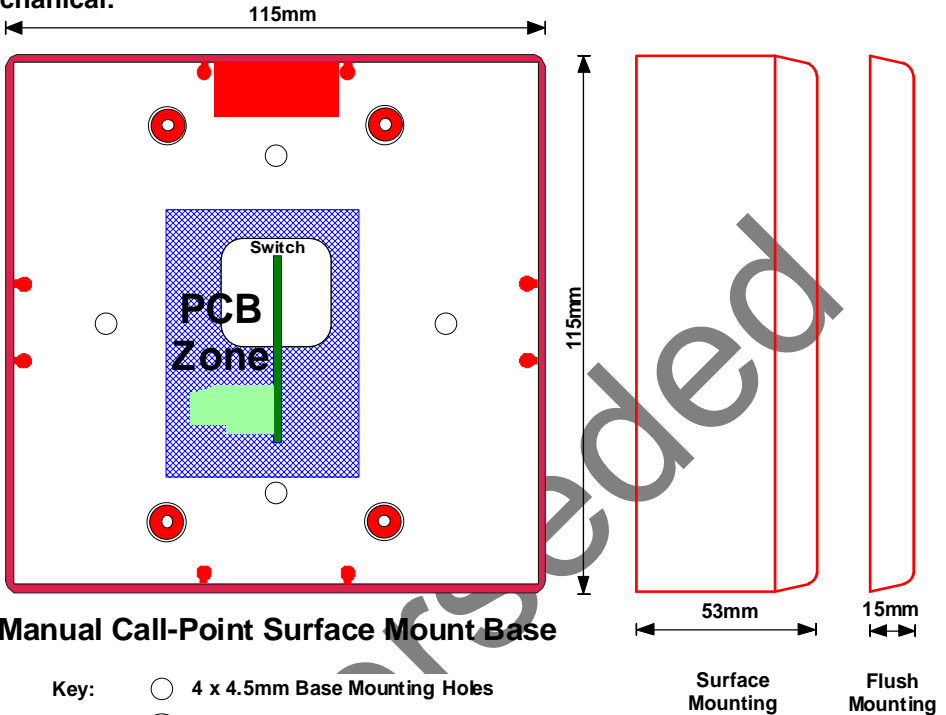
Manual Call-Point Connections:

To prevent damage to the PCB, care MUST be taken to ensure cables do NOT come between the PCB and the back of the enclosure.

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Mechanical:

115mm

115mm

Switch

PCB Zone

Manual Call-Point Surface Mount Base

Key:

○ **4 x 4.5mm Base Mounting Holes**

◉ **4 x 3mm Fascia Fixing Holes**

🔴 **8 x Fascia Mounting Guides**

🟥 **Cable Entry**

53mm

Surface Mounting

15mm

Flush Mounting

Manual Call-Point Wiring:

- Ensure rear-entry holes are drilled outside the indicated 'PCB Zone' to avoid damaging the PCB.
- After terminating the cables, ensure that any excess cable is outside the indicated 'PCB Zone' to prevent damaging the PCB when the Manual Call-Point is assembled.
- Keep cable length inside the enclosure to a **maximum length of 150mm (6 inches)**, or push excess cable into the cavity outside the enclosure.

Product Code

Description	Code
Conventional Indicating Call-Point	CPPIN-3
Replacement 'Snapglaze' Window	CPPSGW