

Conventional Indicating MCP (CPPIN-3T)

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ISO 9001: 2008

International Standards
Certifications
QAC/R64/0012

Product Overview:

Pertronic Industries' Conventional MCP (CPPIN-3T) has been designed to provide customers with an innovative cost effective easy to test solution for MCP installations. Pertronic Industries has combined proven design techniques with the latest technology to provide a highly reliable conventional MCP.

Features:

- ▶ Safe Secure Commissioning without the need to remove the Snapglaze.
- ▶ Can be installed into a standard single gang flush box fitting.
- ▶ Push button latching switch with inbuilt LED indicator.
- ▶ Low Profile Design.
- ▶ Electronic components protected from damage.
- ▶ MCP activated indication.
- ▶ 'Snapglaze' frangible element for improved user safety (Patent NZ Number: 272427).
- ▶ Fully complies with NZS 4512:2003
- ▶ Bi-directional circuit connection terminals
- ▶ The MCP clamps the circuit voltage at 2.3Vdc
- ▶ Terminals accept 0.5mm² to 1.5mm² cables.
- ▶ 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 reverse-connected.



Specifications:

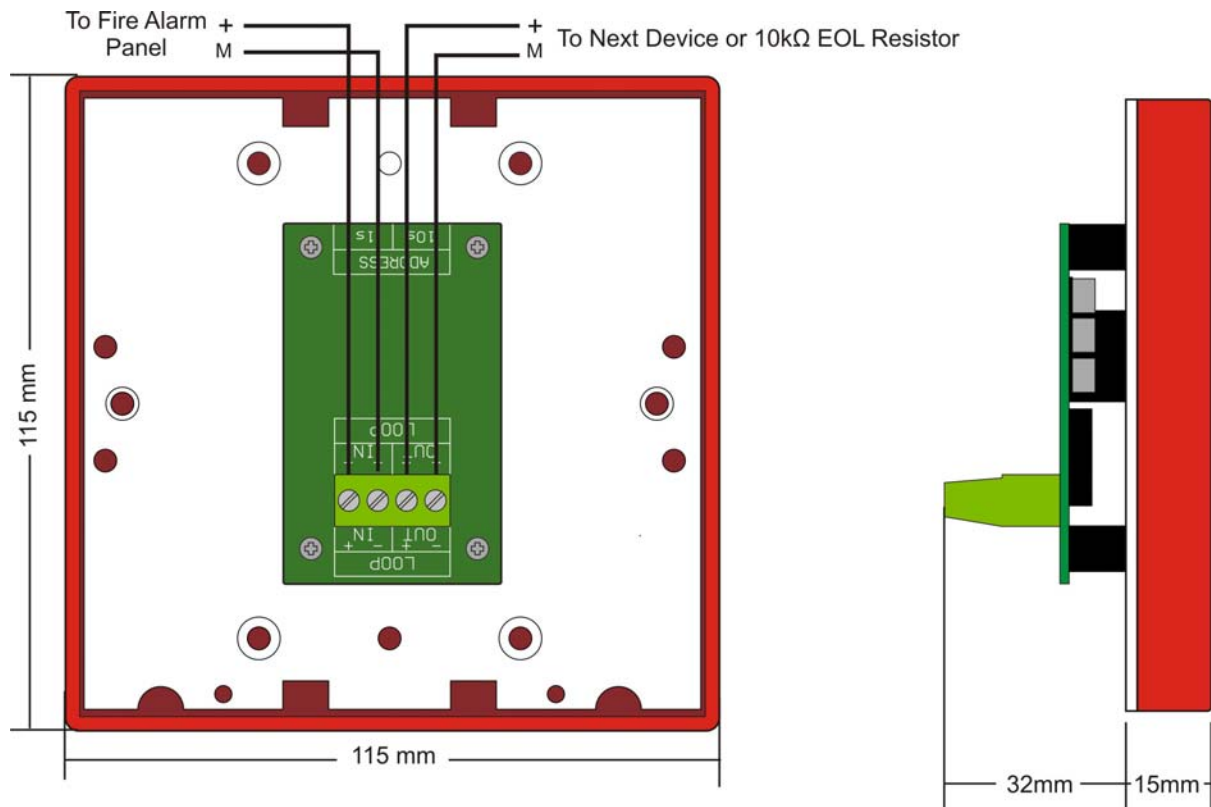
Electrical:	Operating Voltage 10 to 30Vdc	Quiescent Current 0mA Standby	Alarm Current - panel dependant)	
Environmental:	Operating Temperature Range 0 to +40°C		Humidity 10 to 95% RH (non-condensing)	
Mechanical:	Dimensions (H x W x D mm)	Weight	Material	Colour
- Semi-Flush Mount	115 x 115 x 15	200gms	ABS Plastic	Red
- Surface Mount	115 x 115 x 53	250gms	ABS Plastic	Red

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

Manual Call Point - Wiring:



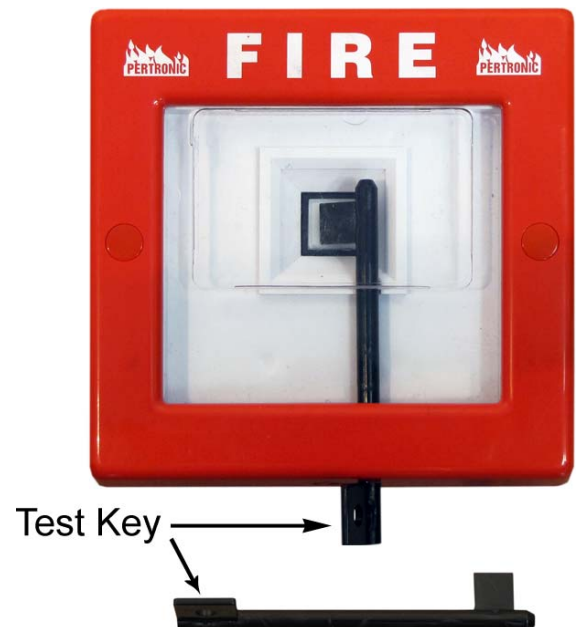
- ▶ Ensure rear-entry holes are drilled outside the indicated 'PCB Area' to avoid damaging the PCB.
- ▶ After terminating the cables, ensure that any excess cable is outside the indicated 'PCB Area' to prevent damaging the PCB when the Manual Call-Point is installed.
- ▶ Keep cable length inside the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

Commissioning:

To ease the commissioning process, a custom made key is available that enables 100% functional testing of the MCP, simply insert the Key in the hole located beneath the MCP (remove rubber bung if fitted).

MCP Test:

- ▶ Ensure the Panel is isolated or in 'Walk Test' mode
- ▶ Push the key up into the hole located beneath the MCP, until the key paddle lines up with the push button switch.
- ▶ Turn the key anticlockwise to activate the MCP into Alarm - Note that the Key has been designed so that it can also be used even when the MCP is flush mounted.
- ▶ Once the MCP has been tested reverse the steps above to return the switch and MCP to Normal.



Product Codes

NZS Code	Description
CPPIN-3T	Conventional Call-Point
CPPSGWT	Replacement 'Snapglaze' Window (Press In Push Switch) text
CPPTK	Activation Key (Approved Agents only)
CPKHBUNG	Spare Keyhole Bung

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