



Weatherproof Conventional Indicating MCP (CPPIN-3TWP)

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ISO 9001: 2008

International Standards
Certifications
QAC/R64/0012

Product Overview:

Pertronic Industries' Weatherproof Conventional Indicating MCP (CPPIN-3TWP) has been designed to provide customers with an innovative, cost effective, easy to test, solution for MCP installations that require weatherproof (IP54 Plus rating). Pertronic Industries has combined proven design techniques with the latest technology to provide a highly reliable weatherproof conventional MCP.

Features:

- ▶ Weatherproof (IP54 Plus rated) when surface mounted.
- ▶ Safe, Secure, Commissioning without the need to remove the Snapglaze element.
- ▶ Push button latching switch with inbuilt LED indicator.
- ▶ Low Profile Design.
- ▶ Electronic components protected from damage.
- ▶ MCP activated indication.
- ▶ Weatherproof 'Snapglaze' frangible element for improved user safety. (Must be replaced when activated to retain IP54 rating).
- ▶ Fully complies with NZS 4512:2003 / 2010
- ▶ Bi-directional circuit connection terminals
- ▶ The MCP clamps the circuit voltage at 2.3Vdc
- ▶ Terminals accept 0.5mm² to 1.5mm² cables.
- ▶ Reverse polarity wiring of the MCP gives a defect warning on the Fire Alarm Panel.



Specifications:

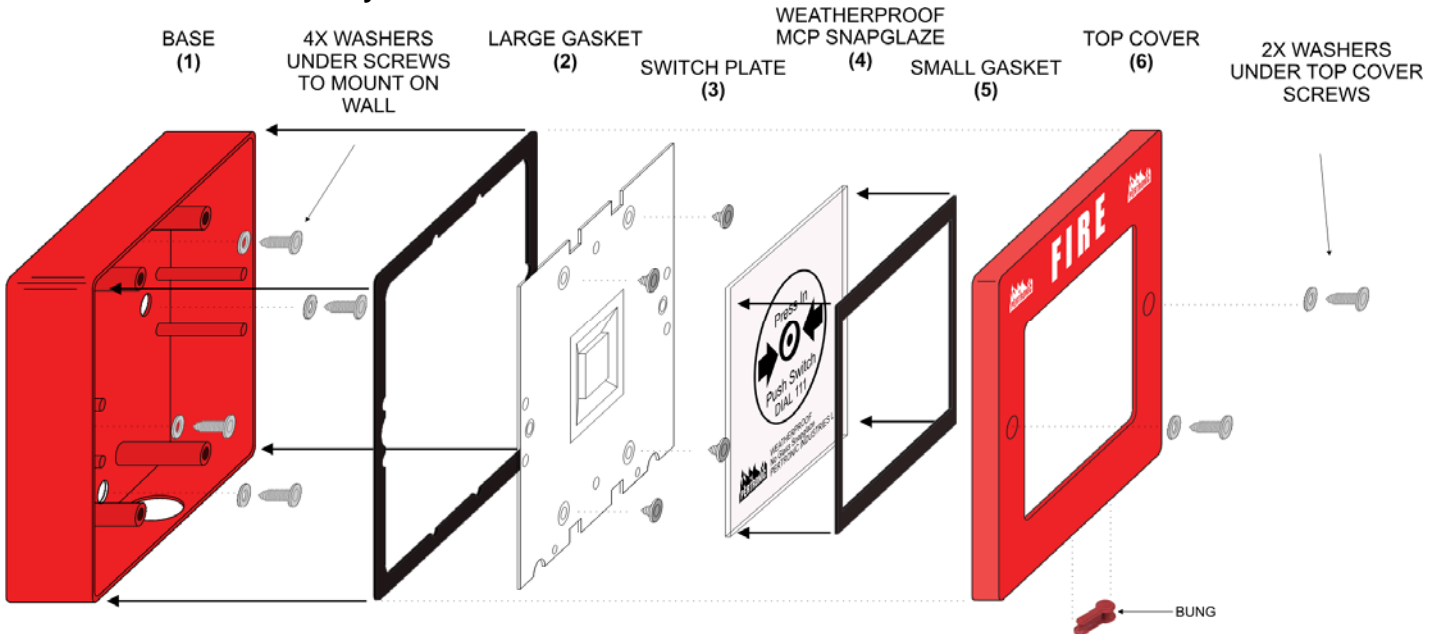
Electrical:	Operating Voltage 10 to 30Vdc	Quiescent Current 0mA Standby	Alarm Current - panel dependant)	
Environmental: IP54 Plus	Operating Temperature Range 0 to +40°C		Humidity 10 to 95% RH (non-condensing)	
Mechanical:	Dimensions (H x W x D mm)	Weight	Material	Colour
Surface Mount	115 x 115 x 53	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 - Assembly:



Manual Call Point - Wiring:

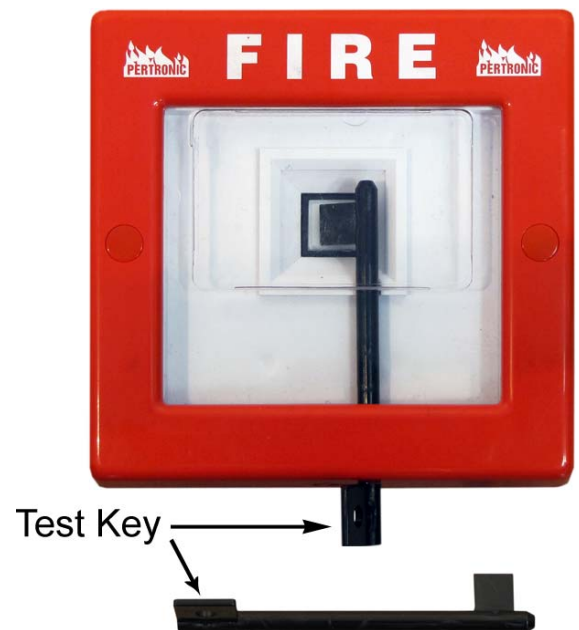
- ▶ Ensure rear-entry holes are drilled outside the indicated 'PCB Area' to avoid damaging the PCB.
- ▶ After terminating the cables, ensure that any excess cable is outside the indicated 'PCB Area' to prevent damaging the PCB when the Manual Call-Point is installed.
- ▶ Keep cable length inside the 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	NZPFA Listing No
CPPIN-3TWP	Weatherproof Conventional Indicating Call-Point	PI/651
CPPSGWTWP	Replacement 'Snapglaze' Window (Weather Proof Product) (Press In Push Switch) text	
CPPTK	Activation Key (Approved Agents only)	
CPKHBUNG	Spare Keyhole Bung	

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