



Analogue MCP (AAMCPT)

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ISO 9001: 2000

International Standards
Certifications
QAC/R61/0051

Product Overview:

Pertronic Industries' Analogue MCP (AAMCPT) 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 analogue addressable MCP.



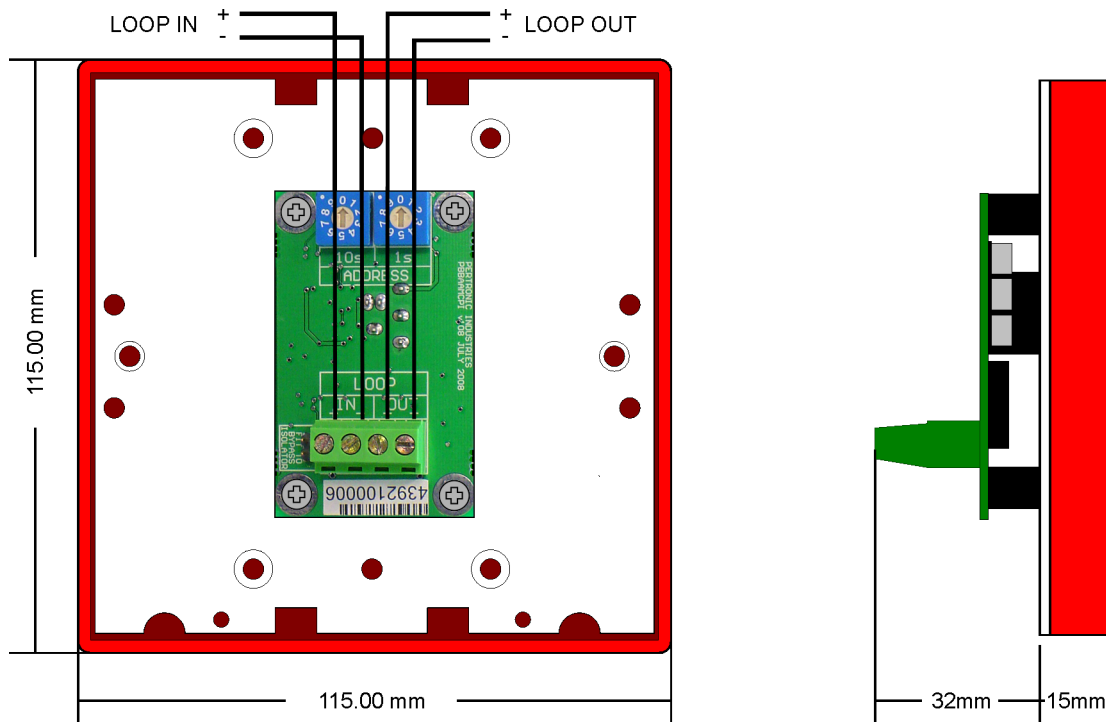
Standard Features:

- Built in Short Circuit Isolator with bypass jumper.
- 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 bi-colour LED indicator.
- Low Profile Design.
- Electronic components protected from damage.
- MCP activated indication: Switch Illuminates Red
- Isolator activated indication: Switch Illuminates Yellow
- 'Snapglaze' frangible element for improved user safety (Patent NZ Number: 272427).
- Fully complies with NZS 4512:2003.
- Terminals accept 0.5mm² to 1.5mm² cables.
- Connects to F100A or F120A analogue loops.

Specifications:

Electrical:	Operating Voltage 15 to 32Vdc		Quiescent Current 1.8mA	Current Alarm or Isolator active =11mA
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	200 g	ABS Plastic	Red
- Surface Mount	115 x 115 x 53	250 g	ABS Plastic	Red

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:

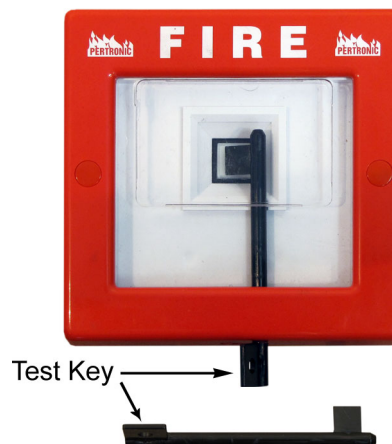
To ease the commissioning process, a custom made key is available that enables alarm functional testing of the MCP, simply insert the Key in the hole located beneath the MCP (remove rubber bung if fitted).

To test the MCP (First ensure the Panel is in the '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. The Key has been designed so that it can also be used when the MCP is flush mounted.

Once the MCP has been tested repeat the above step to return the switch and MCP to normal.

Product Codes:

Description	Code
Analogue Call-Point	AAMCPT
Replacement 'Snapglaze' Window (Press In Push Switch) text	CPPSGWT
Activation Key (Approved Agents only)	CPPTK
Spare Keyhole Bung	CPKHBUNG



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