PERTRONIC INDUSTRIES LTD

DATASHEET

Analogue Addressable Manual Call-Point (AAMCPT)

Overview

Pertronic Industries' Analogue Addressable Manual Call-Point (AAMCPT) is a cost-effective, easy to test analogue addressable MCP.

Analogue Addressable Manual Call Point AAMCPT

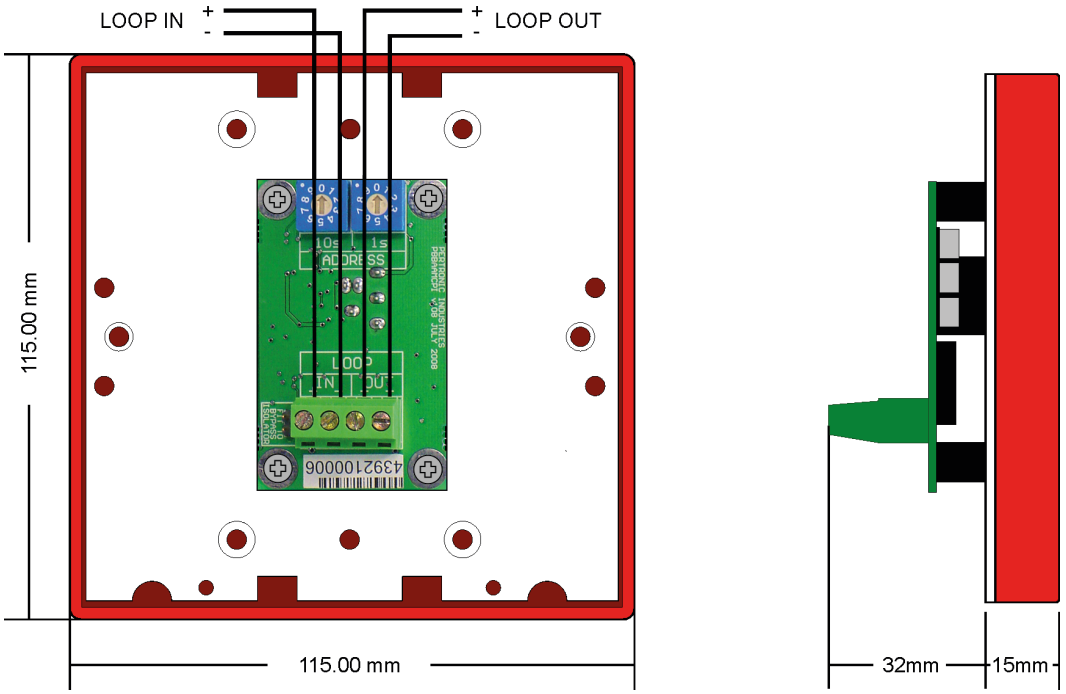
Features

- Built in Short Circuit Isolator with bypass jumper
- Secure commissioning without the need to remove the Snapglaze frangible element
- Can be installed into a standard single gang flush box fitting
- Connects to F220 or F100A analogue loops
- 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' plastic system snaps into place, designed for improved user safety compared to traditional break glass (Patent NZ Number: 272427)
- Fully complies with NZS 4512:2010
- Terminals accept 0.5mm² to 1.5mm² cables
- Also compatible with Petronic F120A

Specification

Operating Voltage		15 to 32 Vdc
Operating Temperature		0 to +40 °C
Humidity		10 to 95 % RH (non-condensing)
Current	**Quiescent**	1.8 mA
	Alarm/Isolate Active	11 mA
Dimensions (H x W x D mm)	**Semi-Flush Mount**	115 x 115 x 15 mm
	Surface Mount	115 x 115 x 53 mm
Weight	**Semi-Flush Mount**	200 g
	Surface Mount	250 g
Material		ABS Plastic
Colour		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 key is available that enables functional testing of the MCP Alarm. Simply remove the rubber bung (if fitted), then insert the key into the hole located beneath the MCP.

MCP Test:

- » 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 - 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

Ordering Information & Notes

Product Code	Description
AAMCPT	AA Manual Call Point - Testable