

PERTRONIC INDUSTRIES LTD

Euro Analogue Addressable MCP (AAMCPT-E)



Product Overview

The **Pertronic** Euro Style Analogue Addressable Manual Call-Point is a highly reliable Fire Alarm manual activation device with a compact, aesthetically pleasing, low-profile European style enclosure.



Features

- High reliability Fire Alarm activation device.
- Safe Secure Commissioning without the need to remove the faceplate.
- High reliability micro switch and inbuilt Alarm LED indicator.
- Low Profile Design.
- Electronic components protected from damage.
- Terminals accept 0.5mm² to 1.5mm² cables.
- Bi-directional circuit connection terminals.
- Built in Short Circuit Isolator with jumper bypass.
- Bi-colour LED: Alarm = Red, Isolator Active = Amber.
- Decade address wheels.
- Resettable operating element.
- Fully complies with NZS 4512:2010.
- Dual action, requiring a clear cover to be first lifted, then operating element depressed.
- Accommodates surface or flush mounting (Euro size backboxes required).

Specifications

- Dimensions: 93mm(height) x89mm (width) x 27.5mm (depth above flush-box)
Supplied surface-mount box is 32mm in depth
- Electrical: Operating Voltage 15 to 30Vdc
Quiescent Current 1.8mA
Alarm Current 12mA
- MCP Indicators MCP Activated LED indicator Illuminates Red
Short Circuit on cable LED indicator illuminates Yellow
- Environmental: Operating Temperature 0 to 40°C
Humidity 10 to 95% RH (non-condensing)

Compatibility

Indicating Manual Call-Points are compatible with the Pertronic Industries F100A and F120A control panels complying with NZS4512:2003 or NZS4512:2010.

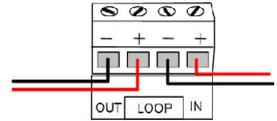
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Manual Call-Point Wiring

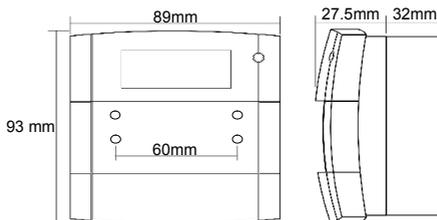
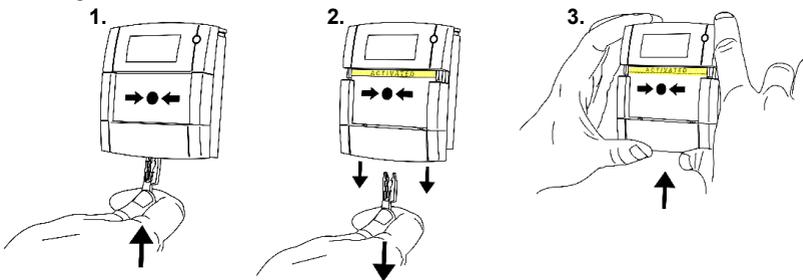
- Connect loop wiring to the terminals as marked.
- Set address wheels according to the system design plans, and if required, fit the jumper next to the cable terminals to bypass the isolator, such as to carry out a continuity check on the cabling, removing it for the final installation.
- Keep cable length inside the enclosure to a **maximum length of 150mm (6 inches)**. Alternately, push excess cable into the cavity outside the enclosure.
- Fit the two mounting screws to attach the housing to the backbox.
- Fit the operating element by gently pushing it in upwards and back against the microswitch until it locates. Slide the operating element cover up from the bottom, firmly until it locks in place.



Commissioning

To ease the commissioning process, a special key is included with each MCP that enables 100% functional testing of the MCP.

1. To test the device, simply insert the Key into the hole on the bottom of the MCP after ensuring the Panel is in the 'Walk Test' mode.
2. Firmly push the key further up into the hole, and feel the bottom of the face plate release to expose the yellow stripe at the top of the operating element. The MCP will activate, and its LED will operate, putting the panel into alarm.
3. To reset the MCP, grasp the MCP, and firmly squeeze to slide the MCP face plate back together.



Product Codes

Description	Code
Analogue Addressable Euro Style MCP	AAMCPT-E
Single, metal flush box (Available from Cory Electrical)	Cat No. 1547