

# PERTRONIC INDUSTRIES LTD

## DATASHEET

### Weatherproof Addressable MCP (AAMCP-TWP-MK2)



## Overview

The Pertronic Weatherproof Manual Call Point (AAMCP-TWP-MK2) is a cost effective, highly reliable weatherproof analogue addressable MCP. The AAMCP-TWP-MK2 provides a solution for both indoor and outdoor MCP installations. All internal components including the push-button switch are fully enclosed in a waterproof capsule.

## Features

- » Weatherproof (IP65)
- » Secure commissioning without the need to remove the Snapglaze frangible element
- » Push button latching switch with inbuilt bi-colour indicator
- » Indication for both alarm and isolator activation
- » Low profile design
- » Designed to fit into a standard flush-box fitting
- » 'Snapglaze' plastic system snaps into place, designed for improved user safety compared to traditional break glass (Patent NZ Number: 272427)
- » Electronic components protected from damage
- » Crimp-splice termination
- » Fully complies with NZS 4512:2010

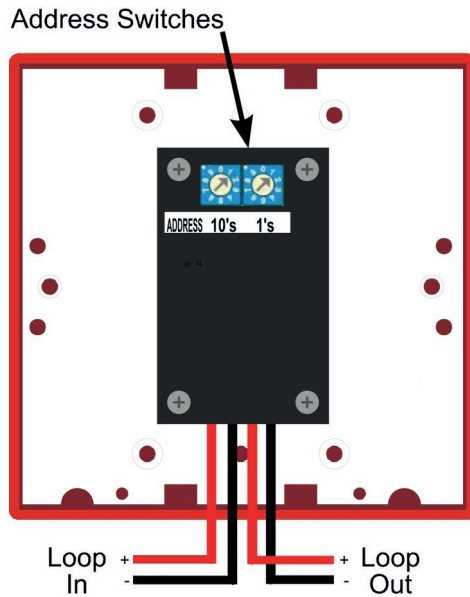


*Analogue Addressable Weatherproof Manual Call-Point*

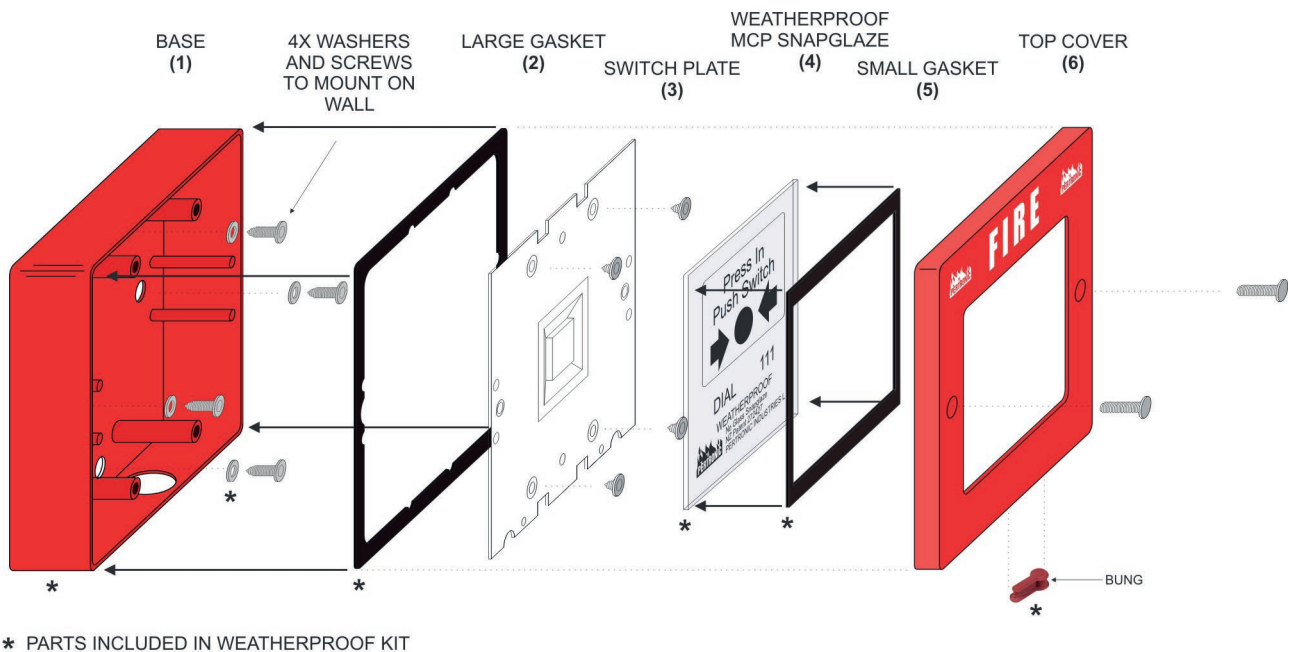
## Specification

|                                     |   |   |
|-------------------------------------|---|---|
| <b>Dimensions</b><br>(H x W x D mm) | <b>Semi-Flush Mount</b>                               | 115 x 115 x 15 mm   |
|                                     | <b>Surface Mount</b>                                  | 115 x 115 x 53 mm   |
| <b>Current</b>                      | <b>Quiescent</b>                                      | 1.8 mA  |
|                                     | <b>Alarm / Isolate Active</b>                         | 11 mA   |
| <b>Indicators</b>                   | <b>MCP Poll</b>                                       | Switch illuminates and flashes red                            |
|                                     | <b>MCP Activated</b>                                  | Switch illuminates and latches red<br>Panel indicates 'Alarm' |
| <b>Power Connection</b>             | Standard F220 and F100A Analogue Addressable Loop     |   |
| <b>MCP Isolator Activated</b>       | Switch illuminates yellow<br>Panel indicates 'Defect' |   |
| <b>Operating Temperature</b>        | -10 °C to +50 °C                                      |   |
| <b>Operating Environment</b>        | Waterproof  |   |
| <b>IP Rating</b>                    | IP65  |   |

## Wiring Diagram



## Exploded Diagram



## Ordering Information & Notes

| Product Code  | Description                                  |
|---------------|--|
| AAMCP-TWP-MK2 | AA Manual Call Point Testable WP MK2         |
| CPPSGWT       | Screened 'Snapglaze' Window for testable MCP |
| CPPTK         | Call Point Test Key                          |

The information in this document must not be treated as partial or complete instructions for the design, construction, installation, commissioning, or maintenance of fire detection, fire alarm, or building evacuation systems. Fire and evacuation systems must be designed and installed by properly qualified persons, in accordance with all regulatory requirements.

Unless explicitly stated otherwise, this document provides typical specifications and nominal dimensions. Actual product performance and dimensions may vary.

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