



# MANUAL CALL POINTS – INTELLIGENT DISCOVERY WATERPROOF MCP

PRODUCT CODE  
AP-DIS-WMCP



DISCOVERY WATERPROOF  
MANUAL CALL POINT  
WITH ISOLATOR

## DESCRIPTION

The Discovery Waterproof Manual Call Point is designed to operate on a loop of intelligent fire detection devices and, when activated, interrupts the polling cycle for a swift response.

The red MCP has a waterproof IP67 rating and is suited for outdoor applications or areas where water and dirt are a problem.

The Manual Call Point has an easily resettable element rather than a break glass. It also features a unique 'Plug and Play' installation concept specifically designed to reduce installation time. The call point utilises a terminal block, where all installation cabling is terminated.

The Discovery Waterproof Manual Call Point is loop powered and operates at 17–28 V DC.

The MCP operates only with control equipment using the Apollo Discovery digital protocol.

## OPERATING PRINCIPLE

The address of each call point is set at the commissioning stage using a seven-segment DIL switch.

A single bi-coloured alarm LED is provided on the call point. This LED is controlled independently of the call point, by the control panel. The LED illuminates red when the call point has been activated. The LED is illuminated amber/yellow LED to indicate a short circuit.

This Manual Call Point helps reduce installation time as all the initial installation cabling is wired to a terminal block which fits neatly in the back of the call point.

Once activated, the Discovery Waterproof Manual Call Point can be reset by inserting the test key into the bottom of the unit until the key clicks into position. Remove the test key and push the front cover up until it clicks home.

The isolated Discovery Waterproof Manual Call Point incorporates a short circuit isolator which will ensure its operation in the event of a short circuit fault on the loop.

Contact Technoswitch for detailed information of the isolator.

## FEATURES

- IP67 rated (red version only)
- A unique, ergonomically designed key for resetting and front cover removal
- Captive screws
- 10 Year Warranty
- Compliant with EMC Directive 2004/108/EC
- Isolated version complies with EN54-11:2001 and EN54-17:2005

## EMC DIRECTIVE 2004/108/EC

- The Discovery Waterproof Manual Call Point complies with the essential requirements of the EMC Directive 2004/108/EC – provided that it is used as described in this datasheet.
- Conformity of the Discovery Waterproof Manual Call Point with the EMC Directive does not confer compliance with the directive on any apparatus or systems connected to it.





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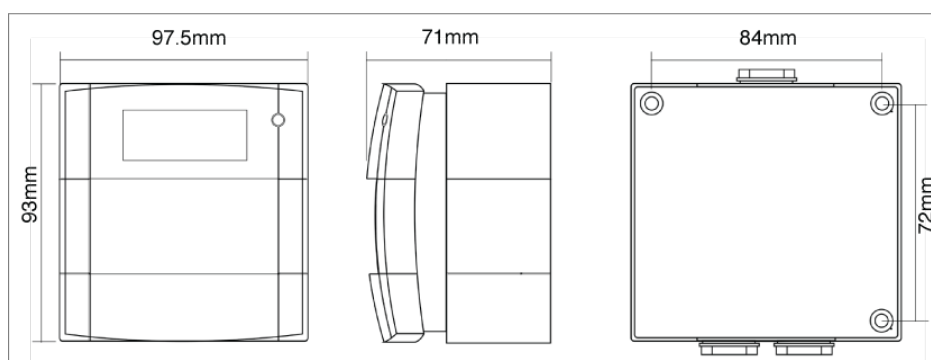
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## SPECIFICATIONS

Supply Voltage	17 – 28 V DC
Communications Protocol	5 – 9 V peak to peak
Maximum Current Consumption, at 24 V	
Quiescent	100 $\mu$ A
Power-up surge, 1 second typical	1 mA
Alarm LED on	4 mA
Operating Temperature	–30 °C to +70 °C
Humidity (no condensation)	0 – 95 % RH
IP Rating (AP-DIS-WMCP)	67
Dimensions (mm)	93 x 97.5 x 71
Weight	240 g
Cable Gland Size	M20



## ORDERING INFORMATION

Product Code	Product Description
AP-DIS-WMCP	Discovery Waterproof IP67 MCP with Isolator (KAC Style)
AP-DIS-WMCPY	Discovery Waterproof Yellow MCP with Isolator (KAC Style)

• **DISCLAIMER:** Although the contents of our product literature have been prepared with the greatest care, Technoswitch can accept no liability whatsoever for any direct or indirect damages of any kind that may arise due to either errors or omissions in them, or amendments to products or other specifications following publication.  
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**HEAD OFFICE — JOHANNESBURG**  
Cussonia Park, 3 Ridge Road, Laser Park, Johannesburg **T** +27 (0)11 794 9144 **E** info@technoswitch.co.za  
**CAPE TOWN T** +21 948 4575 **DURBAN T** +27 (0)31 266 8843

**www.technoswitch.co.za**

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