MANUAL CALL POINTS - INTELLIGENT
DISCOVERY MCPs

DISCOVERY MANUAL CALL POINT

PRODUCT CODE: AP-DIS-MCP2

FUNCTION

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

The Discovery Manual Call Point is intended for indoor applications.

FEATURES

The Discovery Manual Call Points offer the following key features:

- Resettable element
- Easy access, front reset mechanism
- Front facing addressing
- E-Z fit connector system for installation
- Ergonomic reset key and keyring hole
- Flashing LED Option
- EN 54-11 Approved
- 180° viewable LED
- Continuity link for cable insulation testing
- 10 Year Warranty

DISCOVERY WATERPROOF MANUAL CALL POINT

PRODUCT CODE: AP-DIS-MCP2W

FUNCTION

This Waterproof Intelligent MCP is designed to operate on a loop of intelligent fire detection devices and, when activated, interrupts the polling cycle for a very fast response.

The AP-DIS-MCP2W has an IP67 rating and is intended for outdoor applications or where water and/or dirt is a problem.

FEATURES

The Discovery Waterproof Intelligent Manual Call Points offer the following key features:

- Resettable element
- Easy access, front reset mechanism
- Front facing addressing
- Ergonomic reset key and keyring hole
- Captive screws for easy installation
- Flashing LED Option
- EN 54-11 Approved
- 180° viewable LED
- IP67 rated
- 10 Year Warranty

TECHNOSWITCH
FIRE DETECTION

MANUAL CALL POINTS - INTELLIGENT
DISCOVERY MCPs

SPECIFICATIONS

PROTOCOL COMPATIBILITY
The Discovery Manual Call Points will operate only with control equipment using the Apollo digital protocol.

ELECTRICAL CONSIDERATION
The Discovery Manual Call Point is loop powered and operates at 17 - 28 V DC for all variants.

MECHANICAL CONSTRUCTION
The component parts of the call point are moulded in a robust fire retardant polycarbonate.

OPERATING PRINCIPLES
The address of each call point is set at the commissioning stage by means of a seven-segment DIL switch. The address switch is accessible without removing the call point from the mounting surface.

A red alarm LED is provided on the call point. This LED is controlled independently of the call point, by the control panel.

Once activated, the Manual Call Point can be reset by inserting the reset key into the front facing LED, turning clockwise until a positive click and reset occurs.

The isolated version of the Manual Call Point incorporates a short circuit isolator which will ensure its operation in the event of a short circuit fault on the loop. Isolator operation is indicated by a yellow LED.

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.

DIMENSIONS AND WEIGHT

Indoor:	88 x 88 x 59 mm	weight: 180 g
Waterproof:	110 x 110 x 74 mm	weight: 180 g

EMC DIRECTIVE 2004/108/EC
The Manual Call Point complies with the essential requirements of the EMC Directive 2004/108/EC, provided that it is used as described in this data sheet.

A copy of the Declaration of Conformity is available from Apollo on request.

Conformity of the Manual Call Point with the EMC Directive does not confer compliance with the directive on any apparatus or systems connected to it.

CONSTRUCTION PRODUCTS DIRECTIVE 89/106/EEC
The Manual Call Point complies with the essential requirements of the Construction Products Directive 89/106/EEC.

ORDERING INFORMATION

Product Code	Product Description
AP-DIS-MCP	Discovery MCP with Isolator, Red (Surface)
AP-DIS-MCP2	Discovery MCP2 (New Version)
AP-DIS-MCPW	Discovery Waterproof Red MCP c/w Isolator (KAC Style)
AP-DISM-MCPW	Discovery Marine Waterproof MCP c/w Isolator (KAC Style)
AP-DIS-MCP2W	Discovery Waterproof MCP c/w Isolator (New Style)
AP-DISM-MCP2W	Discovery Marine Waterproof MCP c/w Isolator (New Style)
AP-DISM-MCP	Discovery Marine MCP c/w Isolator

SPARES

AP-DIS-MCP/F	Discovery MCP Hinged Flap
AP-DIS-MCP2/K	Discovery MCP2 Reset Keys (10 pack)

TECHNICAL DATA

Supply Voltage:	17 - 28 V DC
Communications Protocol:	5 - 9 V Peak to Peak
Operating Temperature:	-40 °C to +70 °C
Humidity (no condensation):	0 - 95 % RH

IP Rating:

Indoor	45
Waterproof	67

Current Consumption (max) 24 V DC

Power-up Surge (1s typical):	1 mA
Quiescent:	100 μA
Alarm Current (LED on):	4 mA

Complies with EMC Directive 2004/108/EC

Red version complies with EN 54–11:2001

EN 54-17:2005 (Isolated version)

TECHNO SWITCH
FIRE DETECTION