

DM2010

Aritech 2000 Series addressable indoor fire manual call point

General

The DM2010 is a RED, surface mount, addressable 2000 series manual call point with a high strength plastic housing suitable for indoor applications.

Indication

An LED indicator provides visual confirmation of alarm initiation. A test key (included with each unit) facilitates functional testing of the call point without breaking the glass. The manual call point is delivered complete with glass. A resettable element can be installed as an option at any time.

Installation

The DM2010 may be used with the Aritech FP1200/2000 or 2X series fire panels via a two-wire communication loop that provides both power and control data. The call point's address is conveniently set with a dip switch. The address setting is non-volatile and will not be lost in the event of a power outage.

The manual call point utilizes the 2000 series advanced digital data communications protocol that ensures the integrity of the data communications with extensive error correction algorithms. Fast response is ensured by unique signalling features. A range of colours and accessories are available.



Details

- Addressable for easy installation and localisation
- Bright LED alarm indicator
- Tamper resistant break glass design
- Easy to test with auto reset
- Fast response
- Supports break glass (default) as well as resettable element options

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Technical specifications

General

Status indication	Red LED
Compatibility	2000 Series Systems
Addressing method	DIP Switches

Electrical

Power supply type	Loop powered
Operating voltage	17 to 28 VDC
Communication voltage	4 to 9 V
Current consumption	<250 μ A (Quiescent) <2.5 mA (Alarm)
Cable specification	0.8 to 2.5 mm ²

Detection

Detection principle	Microswitch
Monitoring	Activated
Response time	< 3 s

Physical

Physical dimensions	89 x 93 x 59.5 mm (L x W x H)
Net weight	237 g
Colour	Red
Mounting type	Surface mount
Cable entries	1
Material (body)	Plastic
Functional marking	House of Fire

Environmental

Vandal proof	No
Operating temperature	-10 to +55°C
Storage temperature	-10 to +70°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor
IP rating	IP24D

Regulatory

Compliance	CE, REACH, RoHS 2, WEEE
Certification	CPR
Standards	EN54-11

Compatible products

Category	Reference	Description
Detection device	DM2010E	Aritech 2000 Series addressable weatherproof fire manual call point
Detection device	DM3000	2000 Series Compatible Intelligent Addressable Manual Call Point - Red
Detection device	DM3000E	2000 Series compatible intelligent addressable manual call point, weatherproof, red
Detection device	DM711	EN54 Universal glass, Aritech branded
Detection device	DM715	EN54 Universal MCP glass, without branding

Compatible products

Category	Reference	Description
Detection device	DM783	BZB Black Bezel
Detection device	DM790	Flush Mount Cradle With Connectors
Detection device	DMN782	Hinged transparent MCP protection cover
Detection device	DMN784	Replacement test key for Manual Call Points, 10 pack
Detection device	DMN787	Surface mounting box with earth connector, red
Detection device	DMN800	Resettable element for Manual Call Point



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