

# DM3010R-KIT

## 3000 Series intelligent surface mount addressable manual call point with back box

### Product overview

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The DM3000 Series is an intelligent range of addressable manual call points. The DM3010R-KIT is a red, single action indoor MCP with a House-on-Fire functional indicator. It is delivered complete with back box, resettable element, test connector and test key. Multiple optional accessories are available to facilitate most indoor installation requirements.

### Aesthetics

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This single action MCP is a standard profile, indoor MCP suitable for surface and recess mount installations using standard or legacy European electrical boxes. With its designer dual, tricolour LEDs it offers 180°, clear local indication of its operational status, even from a side view in a passage installation. The clean face of the MCP is further enhanced by a front access & test key facility.

### Installation & maintenance friendly

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The front facing access for an aesthetically matching test key allows unhindered access regardless of the installation location. The MCP key doubles as a test and disassembly tool allowing removal of the MCP front cover without the need for additional tools.

### Compatibility

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The DM3000 range may be used on compatible Aritech fire systems. They can in many cases be deployed into existing systems without CIE configuration changes.



### Details

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- Reliable single action manual call point for surface mounting
- Dual, tri-colour status indicators offers 180° alarm visibility
- Tamper resistant design with resettable or frangible element
- Unobtrusive front facing test facility
- Standard mounting options facilitates easy retrofitting to existing installations
- Back box with rear, top and bottom cable entry
- Screen connection terminal in the back box for electrically noisy installations
- Pluggable connector with link through facility for ease of installation and pre-commissioning testing
- An alarm flag on the face of the manual call point allows alarm indication even without alarm LEDs
- Fast, no-tools-required maintenance using the test key
- Up to 128 devices supported per loop

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### Technical specifications

#### General

Status indication	Dual LEDs, Alarm (red constant), Isolated (yellow constant), Fault (yellow blinking), Communication (green blinking)
User interface	LEDs, Alarm Flag
Compatibility	Aritech fire systems
Connectivity	2-wire loop
Addressing method	DIP Switches

#### Electrical

Power supply type	Loop powered
Operating voltage	17 to 38 VDC
Current consumption	180 µA (quiescent) 2.8 mA (alarm)
Cable specification	0.404 to 2.05 mm
No. of cable cores	2
Terminals	4 (A+/A-;B+/B-)

#### Detection

Detection principle	Push button/switch
Monitoring	Activated, Fault, Off
Response time	< 3 s
Installation height	Determined by local regulation

#### Physical

Physical dimensions	87 x 87 x 26 mm (without back box) 87 x 87 x 57 mm (with back box)
Net weight	110 g (without back box) 170 g (with back box)
Colour	Red (RAL 3028)
Mounting type	Back box, Wall mount
Material (body)	Flame retardent ABS
Functional marking	House on Fire

#### Environmental

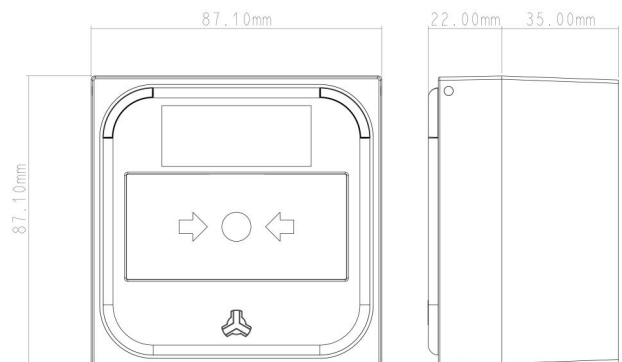
Vandal proof	No
Operating temperature	-25 to +72°C
Storage temperature	-25 to +72°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor
IP rating	IP41

#### Regulatory

Compliance	CE, REACH, RoHS 3, WEEE
Certification	CPR
Certification marks	APPLUS
Standards	EN54:11

#### Compatible products

Category	Reference	Description
Detection device	N-MC-FC	MCP accessory, intelligent Manual Call Point flip cover
Detection device	N-MC-FE	MCP accessory, intelligent manual call point frangible element



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