# KE-DM3010R-KIT

**Excellence Series intelligent surface mount addressable manual call point with back box**

## Product overview

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

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

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

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

- 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),<br>Isolated (yellow constant),<br>Fault (yellow blinking),<br>Communication (green blinking) |
| User interface | LEDs, Alarm Flag |
| Compatibility | Excellence and legacy Aritech series fire systems |
| Connectivity | 2-wire loop |
| Addressing method | Dip-Schalter |

### Electrical

| | |
|---|---|
| Power supply type | Loop-Stromversorgung |
| Operating voltage | 17 to 29 VDC |
| Communication voltage | 4 to 11 V pulsed |
| Current consumption | 180 µA (quiescent)<br>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)<br>87 x 87 x 57 mm (with back box) |
| Net weight | 110 g (without back box)<br>170 g (with back box) |
| Colour | Rot (RAL 3028) |
| Mounting type | Back box, Wandmontage |
| Cable entries | 4 (3 side, 1 rear) |
| Material (body) | Schwer entflammbares ABS |
| Functional marking | House on Fire |

### Environmental

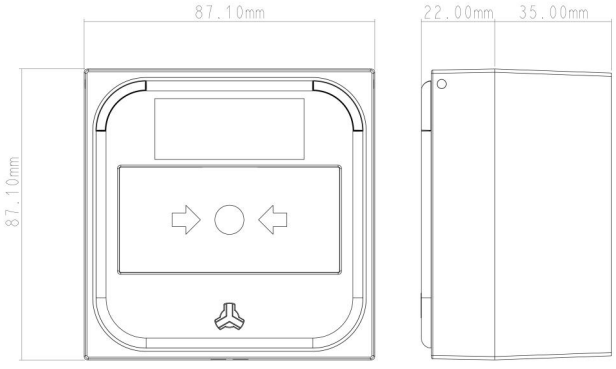
| | |
|---|---|
| Vandal proof | No |
| Operating temperature | −25 to +72°C |
| Storage temperature | −25 to +72°C |
| Relative humidity | 10 to 95% noncondensing |
| Environment | Drinnen |
| IP rating | IP41 |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 3, WEEE |
| Certification | CPR |
| 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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