

KE-DM3110R-KIT

Excellence Series intelligent addressable manual call point with isolator and back box

Product overview

The KE-DM3100 Series is an intelligent range of addressable, Excellence Series manual call points with integrated isolation. The KE-DM3110R-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 that allows access to the back box and cabling, making additional fasting screw holes obsolete.

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 KE-DM3000 range may be used on all Kidde Excellence Series fire systems, and are also compatible with legacy 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
- Integrated short circuit isolation for added safety
- 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

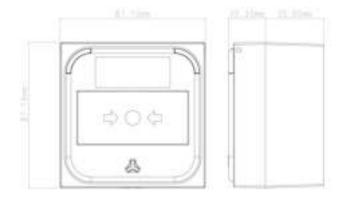
Isolated (yellow constant), Fault (yellow blinking), Communication (green blinking) User interface LEDs, alarm flag	Status indication	Dual LEDs, Alarm (red constant),	
Communication (green blinking) User interface LEDs, alarm flag Compatibility Excellence and legacy Aritech series fire sys Connectivity 2-wire loop Addressing method DIP Switches Electrical Power supply type Loop powered Operating voltage 17 to 38 VDC Current consumption 200 μA (quiescent) 2.8 mA (alarm) Cable specification 0.404 to 2.05 mm (0.13 to 3.31 mm²) No. of cable cores 2 Terminals 4 (A+/A-;B+/B-) Detection Detection principle Push button/switch Monitoring Activated, Fault, Off, Short circuit Response time < 3 s Installation height Determined by local regulation Isolation Type Negative line break Quantity per loop sloalation voltage 14 to 15.5 VDC Reconnect voltage 14 to 15.5 VDC Loop current 1 A (Continuous) Switch current 1 A (Pulsed) Leakage current < 1 mA Series resistance < 0.06 Ω Impedance requirements < 32 devices between isolators Physical Physical Physical Physical dimensions 87 × 87 × 26 mm (without back box) 87 × 87 × 57 mm (with back box) 165 g (with back box) Net weight 110 g (without back box) 165 g (with back box) Red (RAL 3028) Mounting type Back box, Recessed mount, Wall mount Material (body) Flame retardent ABS Functional marking House on Fire			
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Response time	Detection principle	Push button/switch	
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Mounting type Back box, Recessed mount, Wall mount Material (body) Flame retardent ABS Functional marking House on Fire Environmental	Colour		
Material (body) Flame retardent ABS Functional marking House on Fire Environmental			
Functional marking House on Fire Environmental			
Environmental			
Vandal proof No.	Vandal proof	N	

Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE	
Certification	CPR	
Standards EN54:11, EN54:17		

Compatible products

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





Operating temperature $-25 \text{ to } +72^{\circ}\text{C}$

-25 to +72°C

Indoor

IP41

10 to 95% noncondensing

Vandal proof

Environment

IP rating

Storage temperature

Relative humidity

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.