KIDDE KE-DM3110R-KIT Intelligent Addressable Call Point Owner's Manual

KIDDE KE-DM3110R-KIT Intelligent Addressable Call Point

Contents

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, tri colour 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.
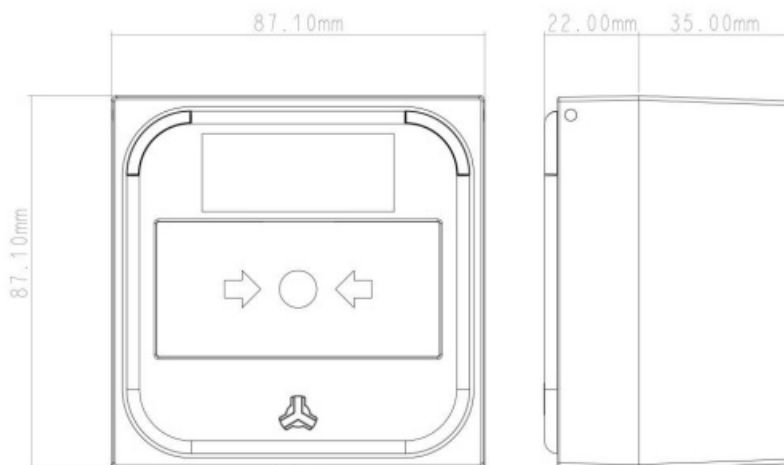
Technical Specifications

General	
Status indication	Dual LEDs, Alarm (red constant), Isolated (yellow constant), Fault (yellow blinking), Communication (green blinking)
User interface	LEDs, alarm flag
Compatibility	Excellence and legacy Aritech series fire systems
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	≤128
Isolation 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 dimensions	87 × 87 × 26 mm (without back box) 87 × 87× 57 mm (with back box)
Net weight	110 g (without back box) 165 g (with back box)
Colour	Red (RAL 3028)
Mounting type	Back box, Recessed mount, 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	
Compliancy	CE, REACH, RoHS 3, WEEE
Certification	CPR
Standards	EN54:11, EN54:17

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

Dimensions

Customer Support

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.
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Documents / Resources

KIDDE KE-DM3110R-KIT Intelligent Addressable Call Point [pdf] Owner's Manual
KE-DM3110R-KIT Intelligent Addressable Call Point, KE-DM3110R-KIT, Intelligent Addressable Call Point, Addressable Call Point, Call Point

References

- 🌐 **Home - Fire Security Products**
- 📄 **TCPDF**
- **User Manual**