

KE-DM3010YS99

Excellence Series intelligent addressable manual call point

General

The KE-DM3000 Series is an intelligent range of addressable, Excellence Series manual call points. The KE-DM3010YS99 is a yellow, single action indoor MCP with an "EXTINGUISHING RELEASE" functional indication. It is delivered complete with 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 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 recess or surface mounting
- $\bullet\,$ 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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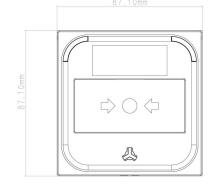
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Technical specifications

General		
Status indication	Dual LEDs, Alarm (red constant),	
	Isolated (yellow constant),	
	Fault (yellow blinking), Communication (green blinking)	
User interface	LEDs. Alarm Flag	
Compatibility	Excellence and legacy Aritech series fire system	
Connectivity		
Addressing method	2-wire loop DIP Switches	
Addressing method	Diff 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 (w/o back box)	
	87 x 87 x 57 mm (w/ back box)	
Net weight	110 g (w/o back box)	
	170 g (w/ back box)	
Colour	Yellow (RAL 1003)	
Mounting type	lack box, Wall mount	
Material (body)	Flame retardent ABS	
Functional marking	EXTINGUISHANT RELEASE	
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	CE	

Compatible products

Category	Reference	Description
Detection device	N-MC-AFM-Y	Intelligent MCP accessory - flush mount adaptor - yellow
Detection device	N-MC-BB-Y	MCP accessory, intelligent manual call point back box, yellow
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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