

KE-DM3110YS02

Excellence Series intelligent addressable manual call point w/ isolator

General

The KE-DM3100 Series is an intelligent range of addressable, Excellence Series manual call points with integrated isolation. The KE-DM3110YS02 is a yellow, single action indoor MCP with a French "DÉCLENCHEUR MANUEL SYSTÈME D'EXTINCTION" functional indicator. 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 flush 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 fastening 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 recess or 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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Technische specificaties

Algemeen

Status indicatie	Dual LEDs Alarm (Red Constant) Isolated (Yellow Constant) Fault (Yellow Blinking) Communication (Green Blinking)
Gebruikersinterface	LEDs, alarm flag
Compatibiliteit	Excellence and legacy Aritech series fire systems
Aansluiting	2-wire loop
Adresseringsmethode	DIP Switches

Elektrisch

Type voeding	Lus aangedreven
Bedrijfsspanning	17 to 38 VDC
Stroomverbruik	200 µA (Quiescent) 2.8 mA (Alarm)
Kabelspecificatie	0.404 to 2.05 mm (0.13 to 3.31 mm²)
Aantal kabeladers	2
Aansluitingen	4 (A+/A-;B+/B-)

Detectie

Detectie principe	Push button/switch
Bewaking	Activated, Fault, Off, Short circuit
Reactietijd	< 3 s
Installatiehoogte	Determined by local regulation

Isolatie

Type	Negative line break
Aantal per lus	≤ 128
Isolatiespanning	14 to 15.5 VDC
Opnieuw verbinden spanning	14 to 15.5 VDC
Lusstroom	1 A (Continuous)
Schakelstroom	1 A (Pulsed)
Lekstroom	< 1 mA
Voorschakelweerstand	< 0.06 Ω
Impedantie-eisen	< 32 devices between isolators

Fysiek

Fysieke afmetingen	87 × 87 × 26 mm (w/o back box) 87 × 87 × 57 mm (w/ back box)
Netto gewicht	110 g (w/o back box) 165 g (w/ back box)
Kleur	Geel (RAL 1003)
Type montage	Back box, Muurmontage
Materiaal (behuizing)	Vlamvertragend ABS
Functionele markering	DÉCLENCHEUR MANUEL SYSTÈME D'EXTINCTION

Omgeving

Vandalbestendig	Nee
Bedrijfstemperatuur	−25 to +72°C
Opslagtemperatuur	−25 to +72°C
Relatieve vochtigheid	10 to 95% noncondensing
Omgeving	Binnen
IP-classificatie	IP41

Regelgeving

Conformiteit	CE, REACH, RoHS 3, WEEE
Certificering	CE
Standaarden	EN54:17

Compatibele producten

Categorie	Referentie	Beschrijving
Detectieapparaat	N-MC-AFM-Y	
Detectieapparaat	N-MC-BB-Y	
Detectieapparaat	N-MC-FC	MCP Accessory - Intelligent Manual Call Point Flip Cover
Detectieapparaat	N-MC-FE	MCP Accessory - Intelligent Manual Call Point Frangible Element

