

# 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 "DÉCLENCHÉUR 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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### Especificações técnicas

Geral	
Indicação de estado	Dual LEDs Alarm (Red Constant) Isolated (Yellow Constant) Fault (Yellow Blinking) Communication (Green Blinking)
Interface utilizador	LEDs, alarm flag
Compatibilidade	Excellence and legacy Aritech series fire systems
Conetividade	2-wire loop
Método de endereçamento	DIP Switches

  

Elétrica	
Tipo de fonte de alimentação	Alimentado por loop
Tensão de operação	17 to 38 VDC
Consumo de corrente	200 $\mu$ A (Quiescent) 2.8 mA (Alarm)
Especificações do cabo	0.404 to 2.05 mm (0.13 to 3.31 mm <sup>2</sup> )
Nr. de condutores	2
Terminais	4 (A+/A-;B+/B-)

  

Deteção	
Princípio de deteção	Push button/switch
Controlo	Activated, Fault, Off, Short circuit
Tempo de resposta	< 3 s
Altura de instalação	Determined by local regulation

  

Isolamento	
Tipo	Interrupção linha negativa
Quantidade por loop	$\leq$ 128
Tensão de isolamento	14 to 15.5 VDC
Tensão para retomar ligação	14 to 15.5 VDC
Corrente de loop	1 A (Continuous)
Corrente de comutação	1 A (Pulsed)
Corrente de fuga	< 1 mA
Resistência da série	< 0.06 $\Omega$
Requisitos de impedância	< 32 devices between isolators

  

Físico	
Dimensões físicas	87 x 87 x 26 mm (w/o back box) 87 x 87 x 57 mm (w/ back box)
Peso líquido	110 g (w/o back box) 165 g (w/ back box)
Cor	Amarelo (RAL 1003)
Tipo de montagem	Caixa traseira, Montagem em parede
Materiais (caixa)	ABS retardador de chama
Marcação funcional	DÉCLENCHÉUR MANUEL SYSTÈME D'EXTINCTION

  

Ambiental	
À prova de vandalismo	Não
Temperatura de operação	-25 to +72°C
Temperatura de armazenamento	-25 to +72°C
Humidade relativa	10 to 95% noncondensing
Ambiente	Interior
Classificação IP	IP41

  

Regulamentação	
Conformidade	CE, REACH, RoHS 3, WEEE
Certificação	CE
Standards	EN54:17

  

Produtos compatíveis		
Categoria	Referência	Descrição
Dispositivo deteção	N-MC-AFM-Y	
Dispositivo deteção	N-MC-BB-Y	Caixa de montagem de superfície para botoneira inteligente - Amarela
Dispositivo deteção	N-MC-FC	Tampa "Flip" Transparente para Botoneira Inteligente
Dispositivo deteção	N-MC-FE	Vidro p/operação por quebra (pack 10) para Botoneira Inteligente

