KE-DM3110RSCL

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-DM3110RSCL is a red, single action indoor MCP with a House-on-Fire 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 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.



Détails

- 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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Spécifications techniques

Général

Indication d'état	Dual LEDs Alarm (Red Constant) Isolated (Yellow Constant) Fault (Yellow Blinking) Communication (Green Blinking)
Interface utilisateur	LEDs, alarm flag
Compatibilité	Excellence and legacy Aritech series fire systems
Connectivité	2-wire loop
Méthode d'adressage	DIP Switches

Électrique

Type de bloc d'alimentation	Alimenté en boucle
Tension de fonctionnement	17 to 29 VDC
Tension de communication	4 to 11 V pulsed
Consommation de courant	200 µA (Quiescent) 2.8 mA (Alarm)
Cable specification	0.404 to 2.05 mm (0.13 to 3.31 mm²)
Nbre de fils conducteur	2
Bornes	4 (A+/A-;B+/B-)

Détection

Principe de détection	Push button/switch
Contrôle	Activated, Fault, Off, Short circuit
Temps de réponse	< 3 s
Hauteur d'installation	Determined by local regulation

Isolation

Type	Negative line break
Quantité par boucle	≤ 128
Tension d'isolation	14 to 15.5 VDC
Reconnecter la tension	14 to 15.5 VDC
Isolement boucle de masse	1 A (Continuous)
Interrupteur de courant	1 A (Pulsed)
Courant de fuite	< 1 mA
Types de résistance	< 0.06 Ω
Exigences d'impédance	< 32 devices between isolators

Caractéristiques physiques

Dimensions physiques	87 × 87 × 26 mm (w/o back box) 87 × 87× 57 mm (w/ back box)
Poids net	110 g (w/o back box) 165 g (w/ back box)
Couleur	Rouge (RAL 3028)
Type de montage	Back box, Montage encastré, Fixation murale
Matériel (boîte)	ABS ignifuge
Marquage fonctionnel	House on Fire

Environnement

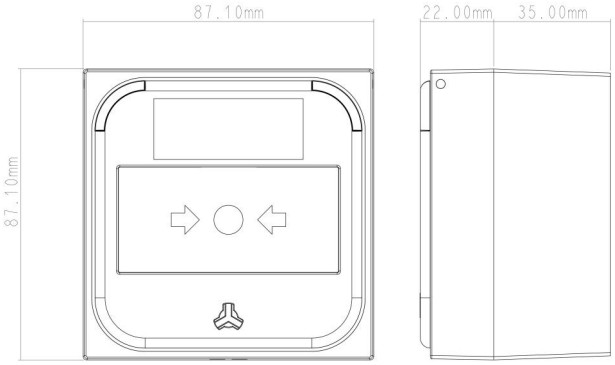
Protégé contre le vandalisme	Non
Température de fonctionnement	−25 to +72°C
Température de stockage	−25 to +72°C
Humidité relative	10 to 95% noncondensing
Environnement	Intérieur
Indice de protection	IP41

Régulateur

Conformité	CE, REACH, RoHS 3, WEEE
Certification	CPR
Normes	EN54:11, EN54:17

Produits compatibles

Catégorie	Référence	Description
Module de détection	N-MC-AFM-R	ActivSense™ Accessory - Intelligent Flush Mount Adapter - Red
Module de détection	N-MC-BB-R	
Module de détection	N-MC-FC	MCP Accessory - Intelligent Manual Call Point Flip Cover
Module de détection	N-MC-FE	MCP Accessory - Intelligent Manual Call Point Frangible Element
Module de détection	N-MC-S-R	ActivSense™ Accessory - Intelligent Manual Call Point Trim Skirt - Red



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