KAL455

Addressable MCP, red, surface mount w/ glass

Product overview

The KAL455 is a RED, addressable manual call point for manual fire activation of fire detection systems running Kilsen protocol. Up to 125 KAL455 devices may be installed on every loop. Device addressing is done via easy to use DIP switches.

Configuration

The KAL455 provides an LED indication as well as manual test facilities. The LED may be configured to inciate communication with the fire panel as confirmation of proper operation. Accessories for flush mounting are available.

Application

Manual call points are normally used as a user interface to an automatic fire detection system. It allows the user a direct interface into the system, to create an alarm at a very early stage (possibly even before the fire system has detected the fire), or as a confirmation of a fire alarm.

Installation

The KAL455 is normally fixed on a wall at a height of 1.2 to 1.5 m from the floor. They are used at emergency exit points and at strategic locations thoughout a building so that the distance from any location in the building to the nearest manual call point never exceeds more than a certain distance (verify installation distances according to local regulations).



Details

- Easy numeric addressing
- Loop powered
- Local test facility
- Surface or flush mount options
- Aesthetically pleasing
- Local status indication
- Part of family of I/O modules consisting of: - Conventional Zone Monitors - Digital Input Modules - Extinguishing Control Modules - Isolator Modules - Manual Call Points - Output Units - Fire Door Controllers - Supervised Output Units for sounder control
- Wide range of accessories

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Technical specifications

General

Status indication	Red LED
Compatibility	Kilsen KL7A systems
Addressing method	DIP Switches

Electrical

Power supply type	Loop powered
Operating voltage	22 to 35 VDC
Current consumption	<250 µA (quiescent) <2.5 mA (alarm)
Cable specification	0.8 to 2.5 mm²

Detection

Detection principle	Microswitch

Physical

Physical dimensions	89 x 93 x 28 mm
Net weight	187 g
Colour	Red
Mounting type	Back box, Recessed mount
Cable entries	1
Functional marking	House on Fire

Environmental

Vandal proof	No
Operating temperature	-10 to +70°C
Storage temperature	-20 to +70°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor
IP rating	IP24D

Regulatory

Compliancy	CE, REACH, RoHS 2, WEEE
Certification	EN54-11
Standards	CPR

Compatible products

Category	Reference	Description
Detection device	DM715	EN54 Universal MCP glass, without branding
Detection device	DMN782	Hinged transparent MCP protection cover
Detection device	DMN800	Resettable element for Manual Call Point
Detection device	KAL455E	Addressable MCP, red, surface mount w/ glass, IP67

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