KAL455E

Addressable MCP, red, surface mount w/ glass, IP67

Product overview

The KAL455 series manual call points are developed for manual alarm activation on addressable fire systems running Kilsen protocol. The KAL455E is an addressable manual call point for manual fire activation for outdoor use. Up to 125 KAL455 series devices may be installed on every loop. Device addressing is done via easy to use DIP switches.

Configuration

The KAL455E 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. Various accessories for all applications 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 KAL455E 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 outside a building (verify installation practices according to local regulations).



Details

- Easy numeric addressing
- Loop powered
- Local test facility
- 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 - Standard Manual Call Points - Output Units - Fire Door Controllers - Supervised Output Units
- Wide range of accessories
- Weatherproof

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Technical specifications

General

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

Electrical

Power supply type	Loop-drevet
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	98 x 93 x 28 mm (L x W x H)
Net weight	187 g
Colour	Rød
Mounting type	Vægmontering
Cable entries	3
Functional marking	House on Fire

Environmental

Vandal proof	No
Operating temperature	-25 to +70°C
Storage temperature	-25 to +70°C
Relative humidity	10 to 95% noncondensing
Environment	Udendørs
IP rating	IP67

Regulatory

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

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

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