# 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)<br><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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Last updated on 6 October 2026 - 9:35