

# KAL455

## Addressable MCP, RED, Surface Mount w/ Glass

### General

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 initiate 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 throughout 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

# KAL455

## Addressable MCP, RED, Surface Mount w/ Glass

### 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 $\mu$ A (quiescent) < 2.5 mA (alarm)

#### 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
Cable specification	0.8 to 2.5 mm <sup>2</sup>
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

#### Standards & regulation

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

As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Fire & Security online or contact your sales representative.

Last updated on 10 March 2020 - 13:16



**United  
Technologies**

Climate | Controls | Security