

# KAL455

## 400 Series Addressable Manual Call Point

### 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).



### Standard Features

- 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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### Specifications

|                                     |                            |
|-------------------------------------|----------------------------|
| Supply voltage                      | 22-35 VDC                  |
| <b>Current consumption</b>          |                            |
| Quiescent                           | < 250 $\mu$ A              |
| Alarm                               | < 2.5 mA                   |
| <b>Environmental</b>                |                            |
| Operating temperature               | -10°C to +70°C             |
| Storage temperature                 | -20°C to +70°C             |
| Operating humidity (non condensing) | 10-95 %                    |
| Ingress Protection                  | IP24D                      |
| <b>Physical</b>                     |                            |
| Cable specification                 | 0.8 to 2.5 mm <sup>2</sup> |
| Dimensions (L x W x H)              | 89 x 93 x 27.5 mm          |
| Weight                              | 187 g                      |

### Ordering Information

| Part No. | Description                                 |
|----------|---|
| KAL455   | 400 Series Addressable Manual Call Point    |
| DMN782   | Hinged transparent MCP protection cover     |
| DM783    |   |
| DM790    | Flush mount cradle with connectors          |
| DM795    | Flush mount cradle, connectors & forkgrrips |
| DMN798   | Breakable Seal for Manual Call Points       |
| DMN800   | Resettable Element for Manual Call Point    |