

## ZP785-3

Addressable Call Point, RED, Flush Mount with EN54 Marking

### Modern stylish design

The ZP785-3 is an addressable call point of stylish design, providing a manual means of initiating a fire alarm on ZP3 addressable systems. Complying with EN 54 Part 11, the ZP785-3 is suitable for installations meeting the recommendations of many local codes (e.g. BS 5839 Part 1).

The unit is operated either by pressing a resettable element (EN54 Part 11) or by breaking a frangible glass with finger pressure. Glass elements have clear vinyl coatings on the front surface to prevent operator injury and to inhibit the release of loose fragments as the glass is broken. Both operating elements are easily interchangeable.

### Plug in loop connection

Installed as part of the ZP3 addressable system, up to 127 devices (call points, sensors and interface units) can be connected to each of the control panel loops. All loop devices incorporate switch settings enabling them to be assigned a unique address, which is polled by the panel every two seconds.

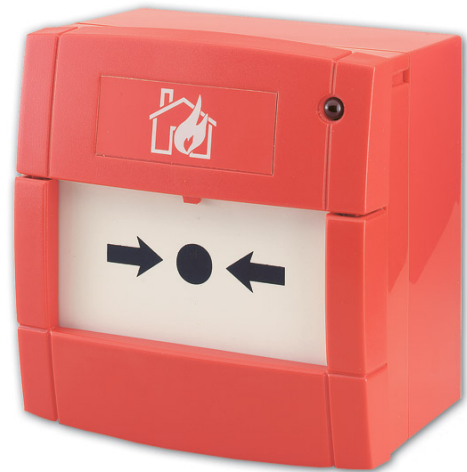
ZP785-3 callpoints are designed for semi recessed fixing, using a standard single gang socket box, or can be surface mounted by means of a DMN787 matching plastic back box. Push in terminals enable the device to be plugged directly into the loop, making replacement simple and reducing internal cable ends to a minimum.

System testing, glass replacement and reset are carried out by using a special maintenance tool enabling part of the front moulding including the glass, to be lowered, allowing the device to operate.

### Polycarbonate front cover option

Rated at IP24 the ZP785-3 moulding is constructed of ABS plastic and intended for indoor applications. A red LED indicator is prominently positioned on the front of the unit, which illuminates when the device is operated.

For locations where malicious operation, or accidental impact from flying objects may occur (for example sports halls), operation can be restricted by the addition of a clear, polycarbonate, front cover (DMN800), which can be further protected by a cover seal (DMN798).



### Standard Features

- Modern stylish design
- Complies with EN54 Part11
- Resettable or frangible operating elements
- Single maintenance tool
- Plug in loop connection

### Specifications

|                     |   |
|---------------------|---|
| Model No            | ZP785-3   |
| Specification       | EN54 Pt11   |
| Description         | Addressable callpoint   |
| Compatibility       | All ZP addressable systems  |
| Mounting            | Addition of Z-CPSB-1 back box for surface or single gang socket box for semi flush fixing |
| Wiring              | ZP loop - 2 core plus screen, continuity must be maintained.                              |
| Monitoring          | Open and short circuit loop wiring faults   |
| Operating principle | Micro switch  |
| Indication          | Alarm LED (red)   |
| Operating voltage   | 16 - 22 VDC   |
| Current             | 600uA quiescent, 700uA alarm  |
| Application         | Indoor installation   |
| EN60529 rating      | IP24  |
| Temperature range   | -30°C to +70°C  |
| Humidity range      | 0% to 95% RH (non condensing)   |
| EMC                 | CE marked (EEC89/336)   |
| Material            | Moulded ABS   |
| Dimensions          | 93mm (H) x 89mm (W) x 27.5mm (D) – recessed<br>59.5mm (D) - with surface back box         |
| Colour              | Red   |
| Weight              | 125g  |
| Publication No      | PS1249  |

### Ordering Information

| Part No. | Description  |
|----------|--|
| ZP785-3  | Addressable Call Point, RED, Flush Mount with EN54 Marking |
| DMN787   | Surface mounting box with earth connector, red             |
| DMN798   | Breakable Seal for Manual Call Points                      |
| DMN800   | Resettable Element for Manual Call Point                   |

