# 172101

## ZP7 Series addressable MCP, red  flush mount with EN54 marking

### General

The ZP785-3 is an addressable call point of stylish design, providing a manual means of initiating a fire alarm on ZP2 & ZP3 addressable systems. Certified to EN54:11, the ZP785-3 is suitable for installations meeting the recommendations of many local codes (e.g. BS 5839:1).

The unit is operated either by pressing a resettable element 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.

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. This LED illuminates when the device is activated.

### Installation

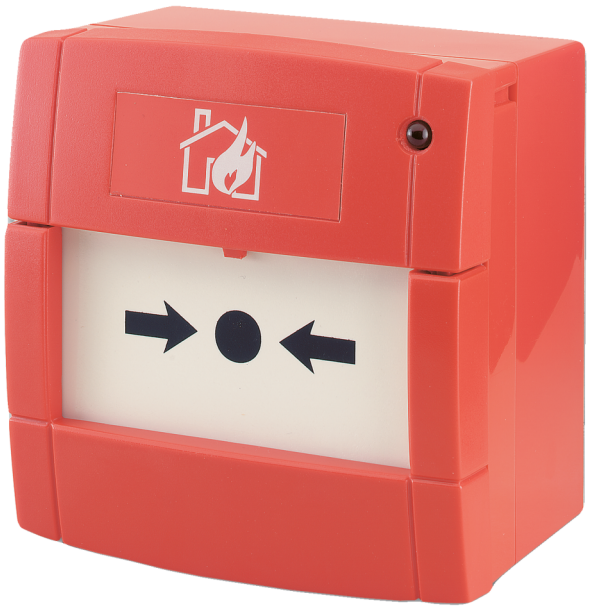
Installed as part of a Ziton addressable system, up to 127 devices (call points, detectors and interface units) may be connected to each of the control panel loops. All loop devices incorporate switch settings enabling them to be assigned a unique address which is polled by the panel every two seconds.

ZP785-3 call points 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 device reset are carried out by using a special maintenance tool. This tool enables part of the front moulding including the glass to be lowered, allowing the device to operate.

### Poly-carbonate front cover

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 (DMN782), which can be further protected by a cover seal (DMN798).



### Details

- Modern stylish design
- Resettable or frangible operating elements supported
- Single maintenance and test tool
- Plug-in loop connection for easy installation

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## Technical specifications

### General

| | |
|---|---|
| Status indication | Red LED |
| Compatibility | All ZP7 addressable systems |
| Connectivity | 2 wire loop |
| Addressing method | DIP Switches |

### Electrical

| | |
|---|---|
| Power supply type | Loop powered |
| Operating voltage | 19.5 to 20.5 V |
| Communication voltage | 19.5 to 20.5 V |
| Current consumption | 400 µA (quiescent)<br>450 µA (alarm) |
| Cable specification | 0.5 to 2.5 mm² |
| No. of cable cores | 2 |
| Terminals | 4 |

### Detection

| | |
|---|---|
| Detection principle | Micro switch |
| Monitoring | Activated, Standby |
| Installation height | Determined by local regulation |

### Physical

| | |
|---|---|
| Physical dimensions | 93 x 89 x 28 mm (H x W x D) |
| Net weight | 130 g |
| Colour | Red (RAL 3001) |
| Mounting type | Recessed mount, Wall mount |
| Cable entries | 1 |
| Material (body) | PC / ABS |
| Functional marking | House on Fire |
| Fixing centres | 60 mm |

### Environmental

| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -10 to +55°C |
| Storage temperature | -10 to +55°C |
| Relative humidity | 93± 3% noncondensing |
| Environment | Indoor |
| IP rating | IP24D |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 3, WEEE |
| Certification | CPR |
| Standards | EN54-11<br>EEC89/336 |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Detection device | DM715 | EN54 Universal MCP glass, without branding |
| Detection device | DMN782 | Hinged transparent MCP protection cover |
| Detection device | DMN787 | Surface mounting box with earth connector, red |
| Detection device | DMN800 | Resettable element for Manual Call Point |

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