

ZP787-3

ZP7 Addressable MCP, red, surface mount with glass, IP67

Modern stylish design

The ZP787-3 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 ZP787-3 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.

ZP787-3 callpoints are designed for surface mounting. 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 IP67 the ZP787-3 moulding is constructed of ABS plastic and intended for outdoor 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 (DMN782), which can be further protected by a cover seal (DMN798).



Details

- Modern stylish design
- EN54:11 approved and CPR certified
- Resettable or frangible operating elements
- Single maintenance tool
- Plug in loop connection
- IP67 Weatherproof



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Technical specifications

General

| | |
|-------------------|-----------------------------|
| Status indication | Alarm LED (red) |
| Compatibility | All ZP7 addressable systems |

Electrical

| | |
|---------------------|---|
| Operating voltage | Loop 19.5 to 20.5 V |
| Current consumption | 400 μ A (quiescent) 450 μ A (alarm) |

Detection

| | |
|---------------------|--|
| Detection principle | Micro switch |
| Monitoring | Device removal, Device type, Open circuit, Short circuit |

Physical

| | |
|---------------------|------------------------------|
| Physical dimensions | 97.5 x 93 x 68mm (H X W X D) |
| Net weight | 187 g |
| Colour | Red |
| Mounting type | Back box |
| Material (body) | Moulded ABS |

Environmental

| | |
|-----------------------|-------------------------------|
| Operating temperature | -25 to +70°C |
| Storage temperature | -20 to +70°C |
| Relative humidity | 10 to 95% noncondensing |
| Environment | Outdoor |
| IP rating | IP67 |
| Application | Type A - Outdoor installation |

Regulatory

| | |
|---------------|---------|
| Certification | EN54-11 |
|---------------|---------|

Addressing method

| | |
|--|-----------------|
| | 7 way dipswitch |
|--|-----------------|

Wiring

| | |
|--|-------------|
| | 2 core loop |
|--|-------------|

EMC

| | |
|--|-----------------------|
| | CE marked (EEC89/336) |
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