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.
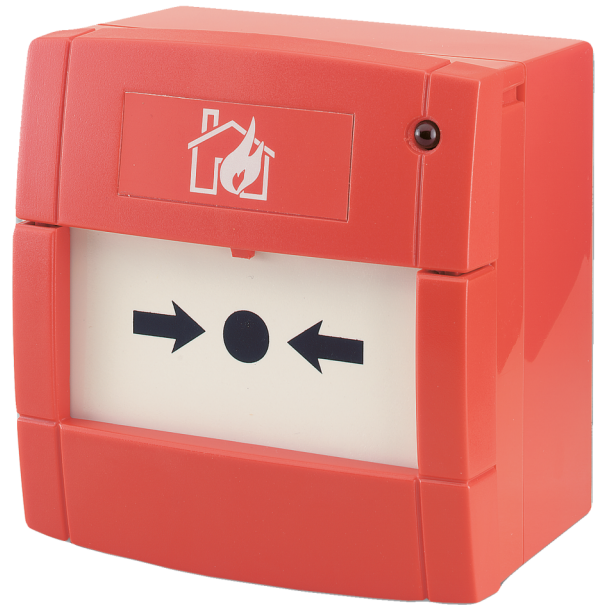
Installation

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) 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 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	DMN784	Replacement test key for Manual Call Points, 10 pack
Detection device	DMN787	Surface mounting box with earth connector, red
Detection device	DMN800	Resettable element for Manual Call Point

Last updated on 4 June 2024 - 11:19