

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

172101

ZP7 Series Addressable MCP, RED, Flush Mount with EN54 Marking

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
Current consumption	400µA (quiescent) 450µA (alarm)

Detection

Detection principle	Micro switch
Monitoring	Device removal, Device type

Physical

Physical dimensions	93 x 89 x 28 mm (H X W X D)
Net weight	125 g
Colour	Red
Mounting type	Recessed mount
Material (body)	Moulded ABS
Functional marking	House on Fire

Environmental

Vandal proof	No
Operating temperature	-10 to +55°C
Storage temperature	-20 to +70°C
Relative humidity	20 to 95% noncondensing
Environment	Indoor
IP rating	IP24D

Standards & regulation

Compliance	CE, REACH, RoHS 2, WEEE
Certification	CPR
Standards	EN54-11 EEC89/336



As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Fire & Security online or contact your sales representative.

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

ZP787-3

ZP7 ADDRESSABLE MCP, RED, SURFACE MOUNT WITH GLASS, IP67

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 µA (quiescent) 450 µA (alarm)

Detection

Detection principle	Micro switch
---------------------	--------------

Physical

Physical dimensions	97.5 x 93 x 68mm (H X W X D)
Net weight	187 g
Colour	Red
Mounting type	Surface mount
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

Standards & regulation

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

Addressing method

7 way dipswitch

Wiring

2 core loop

Monitoring

Open/short circuit, removal & device type

EMC

CE marked (EEC89/336)

As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Fire & Security online or contact your sales representative.

Last updated on 7 February 2020 - 9:43



LPCB

This is to Certify

UTC FIRE & SECURITY BV
Kelvinstraat 7, NL-6003DH, Weert, The Netherlands

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

**ZP785-3, BGUI2000LED, EA785-3, EA785-3-18, ZP785-3S-SW,
CL785-3, ZP787-3, ZP787-3-SW, EA787-3, EA787-3-18, ZP785-3S30 and
ZP787-3S30 - Analogue addressable manual call points**

which have complied with the requirements of the following:

EN 54-11: 2001 + A1: 2005

Certificate No: 092r-(cl-3)

Issue Number: 03

Date of Issue: 08 February 2013

Signed for and on behalf of LPCB



E MATTIE-SULEIMAN



LPCB is part of BRE Global Limited, Watford, WD25 9XX T: +44 (0)1923 664100 F: +44 (0)1923 664910 W: www.redbooklive.com
This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions. It is maintained and held in force through annual review and verification. To check the authenticity of this certificate, please visit www.redbooklive.com or contact us.

LPCB

Appendix to Certificate

Certificate No: 092r-(cl-3)

UTC FIRE & SECURITY BV

Certified Products

		LPCB Ref. No.
ZP785-3	Analogue addressable indoor manual call point, Labelled Ziton	092r/01
BGUI2000LED	Analogue addressable indoor manual call point, Labelled Photain	092r/01
EA785-3	Analogue addressable indoor manual call point, Labelled EST	092r/01
EA785-3-18	Analogue addressable indoor manual call point, Labelled EST	092r/01
ZP785-3S-SW	Analogue addressable indoor manual call point, Labelled Ziton	092r/01
CL785-3	Analogue addressable indoor manual call point, Labelled Clymac Fire and Security Systems	092r/01
ZP785-3S30	Analogue addressable indoor manual call point, Labelled Ziton	092r/01

Accessories:

DMN787	Surface mounting box with earth terminal, red
DM790	Flush mount cradle with connectors
DM795	Flush mount cradle with connectors and forkgrips
DMN782	Hinged transparent MCP protection cover
DMN715	EN 54 universal MCP glass
DMN784	Call point test key
DMN800	Resettable element

Appendix Issue No: 03

Page: 2 of 3

Date of Issue: 08 February 2013

Signed for and on behalf of LPCB



E MATTIE-SULEIMAN

LPCB is part of BRE Global Limited, Watford, WD25 9XX T: +44 (0)1923 664100 F: +44 (0)1923 664910 W: www.redbooklive.com
This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions. It is maintained and held in force through annual review and verification. To check the authenticity of this certificate, please visit www.redbooklive.com or contact us.

LPCB

Appendix to Certificate

Certificate No: 092r-(cl-3)

UTC FIRE & SECURITY BV

Certified Products

		LPCB Ref. No.
ZP787-3	Analogue addressable outdoor manual call point, Labelled Ziton	092r/02
ZP787-3-SW	Analogue addressable outdoor manual call point, Labelled Ziton	092r/02
EA787-3	Analogue addressable outdoor manual call point, Labelled EST	092r/02
EA787-3-18	Analogue addressable outdoor manual call point, Labelled EST	092r/02
ZP787-3S30	Analogue addressable outdoor manual call point, Labelled Ziton	092r/02

Accessories:

DMN782	Hinged transparent MCP protection cover
DMN715	EN 54 universal MCP glass
DMN784	Call point test key
DMN800	Resettable element

Appendix Issue No: 03

Page: 3 of 3

Date of Issue: 08 February 2013

Signed for and on behalf of LPCB



E MATTIE-SULEIMAN

LPCB is part of BRE Global Limited, Watford, WD25 9XX T: +44 (0)1923 664100 F: +44 (0)1923 664910 W: www.redbooklive.com
This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions. It is maintained and held in force through annual review and verification. To check the authenticity of this certificate, please visit www.redbooklive.com or contact us.