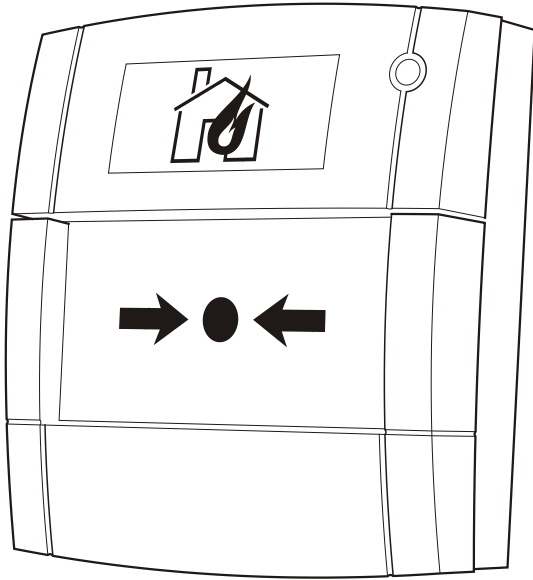
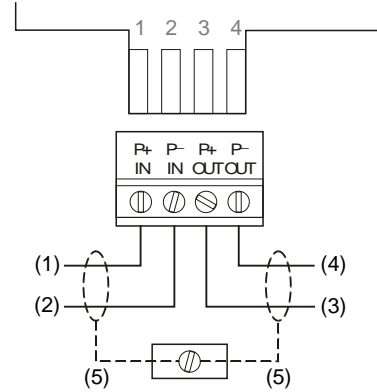


ZP785-3 Addressable Indoor Manual Call Point Installation Sheet

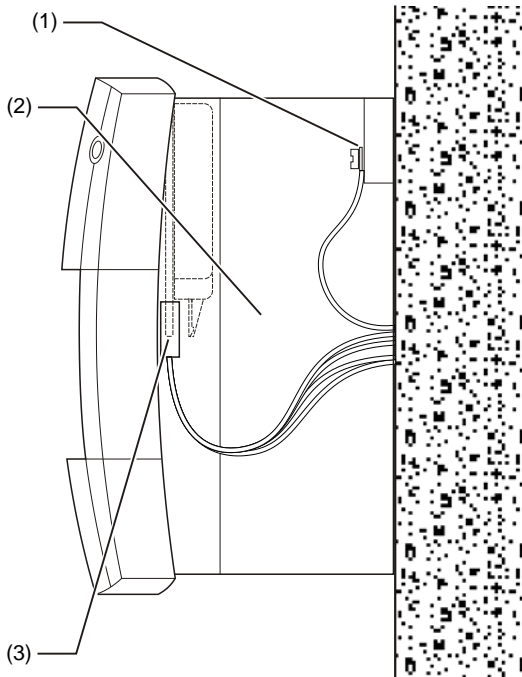
1



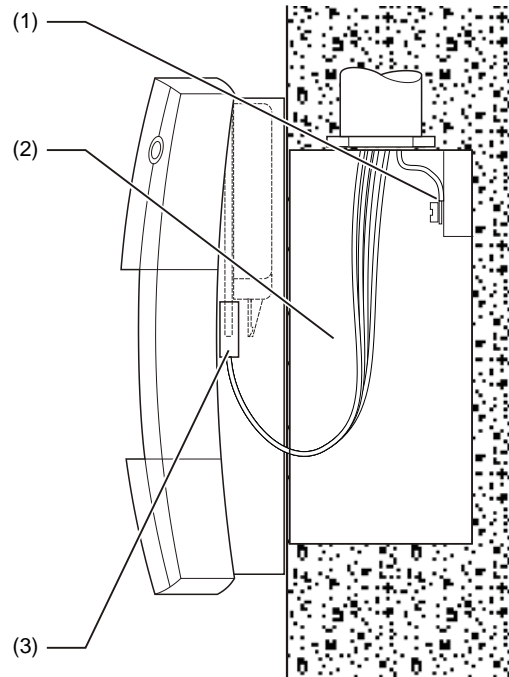
2

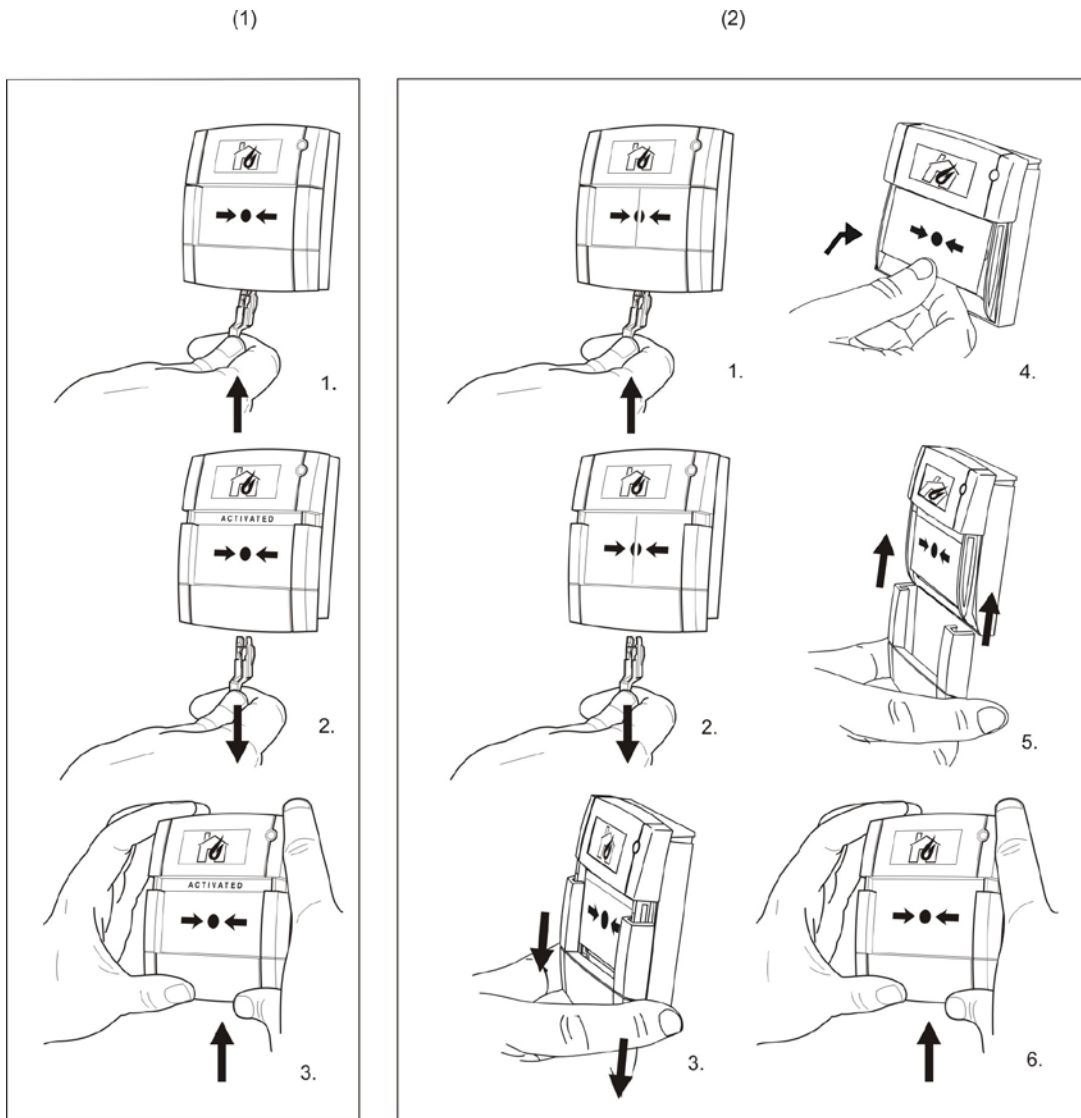


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4





Description

The ZP785-3 Addressable Indoor Manual Call Point (MCP) is used to manually initiate a fire alarm. It is designed for indoor use and may be surface or semi-recess mounted. Models are shown in Table 1.

Table 1: Models

Number	Description
ZP785-3	Addressable Indoor Manual Call Point (MCP), Ziton
ZP785-3S30	Addressable Indoor Manual Call Point (MCP), Chubb

The unit is shipped with a four-way connector and a test key. The following accessories are also available (sold separately):

- Resettable element for manual call point
- EN 54 universal glass (no branding)
- Surface mounting box with connector, red
- Hinged transparent MCP protection cover
- Transparent MCP protection cover seal
- Recessed mounting: 75 x 75 mm industry standard electrical box

A red LED on the front of the ZP785-3 displays its status:

- Off = normal
- Flashing = active

Figures

Figure 1: ZP785-3

Figure 2: ZP785-3 wiring diagram

- | | |
|----------------|----------------|
| (1) Loop + IN | (4) Loop - OUT |
| (2) Loop - IN | (5) Shield |
| (3) Loop + OUT | |

Figure 3: Using surface mounting box

- | | |
|--------------------------|---------------------|
| (1) Shield termination | (3) Wiring terminal |
| (2) Surface mounting box | |

Figure 4: Using standard electrical box

- | | |
|--|---------------------|
| (1) Shield termination | (3) Wiring terminal |
| (2) Electrical box, 75 mm x 75 mm (MK or equivalent) | |

Figure 5: Test-reset and glass or resettable element replacement

- (1) Test and reset procedure
- (2) Replacing the glass or resettable element

Installation

Caution: This product must be installed by qualified personnel adhering to the CEN/TS 54-14 standard and any applicable local regulations or ordinances.

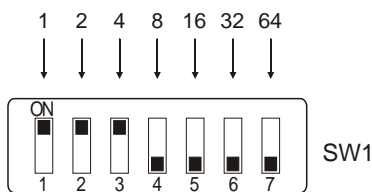
To install the ZP785-3, follow these general steps.

1. Set the device address.
2. Wire the unit.
3. Install the unit.

Setting the device address

The ZP785-3 includes a seven-segment DIP switch (SW1) for assigning device addresses. Each switch segment represents the value shown below. The address is the sum of all the switch segments in the ON position. The switch is used to set the device address in binary code. The switch may be set to represent any address from 1 to 127.

For example, to select a device address of 007, set SW1-1, SW1-2, and SW1-3 to the ON position and the remaining switch segments to the OFF position.



Wiring the ZP785-3

Make the wiring connections shown in Figure 2.

Installing the ZP785-3

The unit can be surface or semi-recessed mounted.

To install the MCP:

1. Remove the glass or resettable element as shown in Figure 5, item 2.
2. Mount the MCP on the surface mounting box shown in Figure 3, or on the electrical box in Figure 4 using the screws provided.
3. Replace the glass or resettable element.
4. Test the MCP for proper operation using the test key as shown in Figure 5, item 1.



Maintenance

Figure 5, item 1 illustrates how to perform a test and reset for the device. Use the supplied test key to perform routine testing without breaking the glass element. Insert the key to simulate breaking the glass element; remove the key to reset the call point automatically. Figure 5, item 2 shows how to replace the glass or resettable element.

Specifications

Operating voltage	
Loop supply	19.5 to 20.5 V pulsed
Current	
Standby	400 μ A
Activated	450 μ A
Addressing method	Seven segment DIP switch
Mounting	Surface or semi-recessed
Wiring	Two-core loop
Construction	
Material	Moulded ABS
Colour	Red
Weight	125 g
Dimensions (W x H x D)	89 x 93 x 27.5 mm
Operating environment	
Temperature	-10°C to +55°C
Storage temperature	-20 to +70°C
Relative humidity	20 to 95% noncondensing

Regulatory information

Manufacturer	KAC Alarm Company Limited KAC House, Thornhill Road, North Moons Moat, Redditch, B98 9ND, UK Authorized EU manufacturing representative: UTC Fire & Security B.V. Kelvinstraat 7, 6003 DH Weert, Netherlands
Year of manufacture	The first two digits of the product serial number (located on the product identification label) are the year of manufacture.
Product type	Type A: for indoor use
EN 60529 rating	IP24D
Designation	Addressable Manual Call Point
Certification	
CPD certificate	0832-CPD-0636
European standard	EN 54-11
	2002/96/EC (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info .

Contact information

For contact information, see www.utcssecurityproducts.eu.

