

## Features

### Individual addressable manual fire alarm callpoints with:

- Power and data supplied through IDNet addressable communications using a single wire pair
- Enhanced aesthetics
- Designed for fast and easy installation
- Designed for EMI compatibility
- Surface or flush mounting options
- Test key allows the callpoint to be tested without breaking the glass
- Requires a special key to open the callpoint

**Compatible with Simplex Model series 4010, 4100U, 4007ES, 4010ES and 4100ES**

## Description

The IDNET addressable manual callpoints, with compact communications module, install easily to satisfy demanding applications. An integral individual addressable module (IAM) monitors status and communicates changes to the connected control panel via IDNet communications.

## Specifications

Specifications	Rating
Power and communications	IDNet, 1 address per callpoint
Address means	DIP switch, 8 position
Device type	KACPUL
Wire connections	Spade terminals
Storage and operating temperature range	14°F to 131°F (-10°C to 55°C)
Humidity range	Up to 95% RH non-condensing
Ingress protection	IP24D
Color	Red, RAL3001
Material	PC/ABS
Dimensions (H x W x D)	3 5/8 in. x 3 1/2 in. x 1 1/16 in. (93 mm x 89 mm x 28 mm)



Figure 1: IDNet Addressable Manual Callpoint

## Operation

**Activation** of the Simplex callpoint requires the glass element to be broken. Completing the action operates a micro-switch whose condition is signaled back to the control panel.

**Callpoint reset** requires the use of a special key (supplied with the callpoint) to remove the front cover which allows the glass element to be replaced.

**Callpoint testing** is performed by inserting the key fully into the bottom of the housing and pulling down, this releases the bottom of the housing and break glass element. To reset the callpoint, the bottom of the housing is pushed upwards until it locks in position. (See Figure 2)

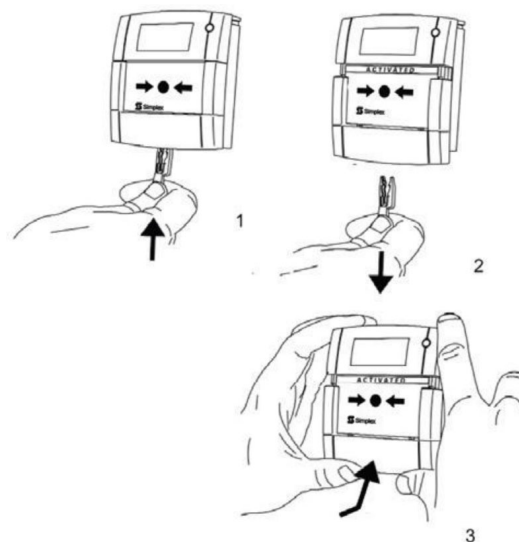


Figure 2: Callpoint Testing

## Application Reference

Refer to NFPA 72, the *National Fire Alarm Code*, and all applicable local codes for complete requirements for manual callpoints. The following summarizes the basic requirements:

1. Callpoints shall be located in the normal path of exit and distributed in the protected area such that they are unobstructed and readily accessible.
2. Mounting shall be with the operable part not less than 3 1/2 ft (1.1 m) and not more than 4 1/2 ft (1.37 m) above floor level.
3. At least one callpoint shall be provided on each floor. Additional callpoints shall be provided to obtain a travel distance not more than 200 ft (61 m) to the nearest callpoint from any part of the building.
4. When manual callpoint coverage appears limited in any way, additional callpoints should be installed.

## Product Selection

### Addressable Manual Callpoints with Internal IAM

Model	Description
4099-9701	English callpoint with LED
4099-9702	English callpoint, no LED
4099-9703	English/Arabic callpoint with LED
4099-9704	English/Hebrew callpoint with LED
CN4099-9032	Chinese callpoint with LED

## Accessories

Model	Description
515.001.021	Surface mount backbox for Simplex internal callpoints, 32 mm deep, 1 1/4 in.
4099-9706	Callpoint replacement glass, package of 10

## Mounting Information

**Note:** The callpoint fits directly to a UK switch/socket box. A minimum box depth of 25 mm is recommended.

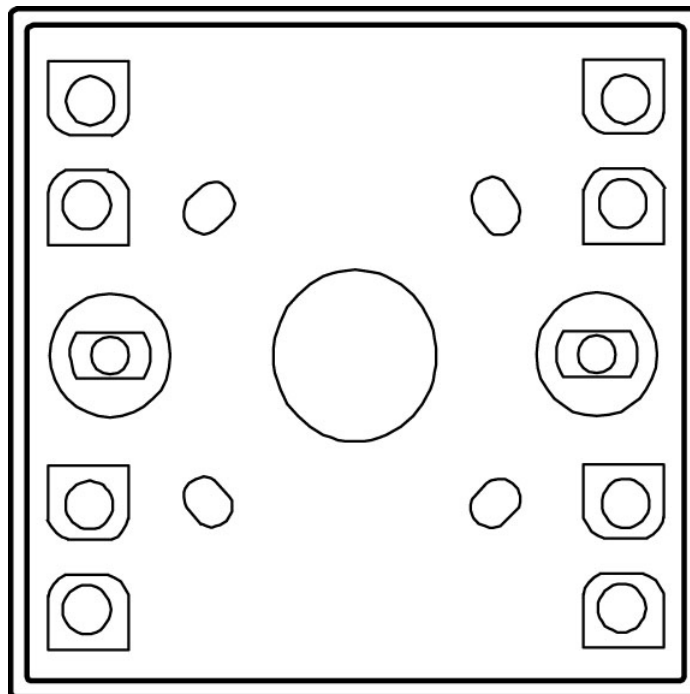


Figure 3: 515.001.021 PC/ABS Backbox for surface mounting

### Setting the Callpoint Address

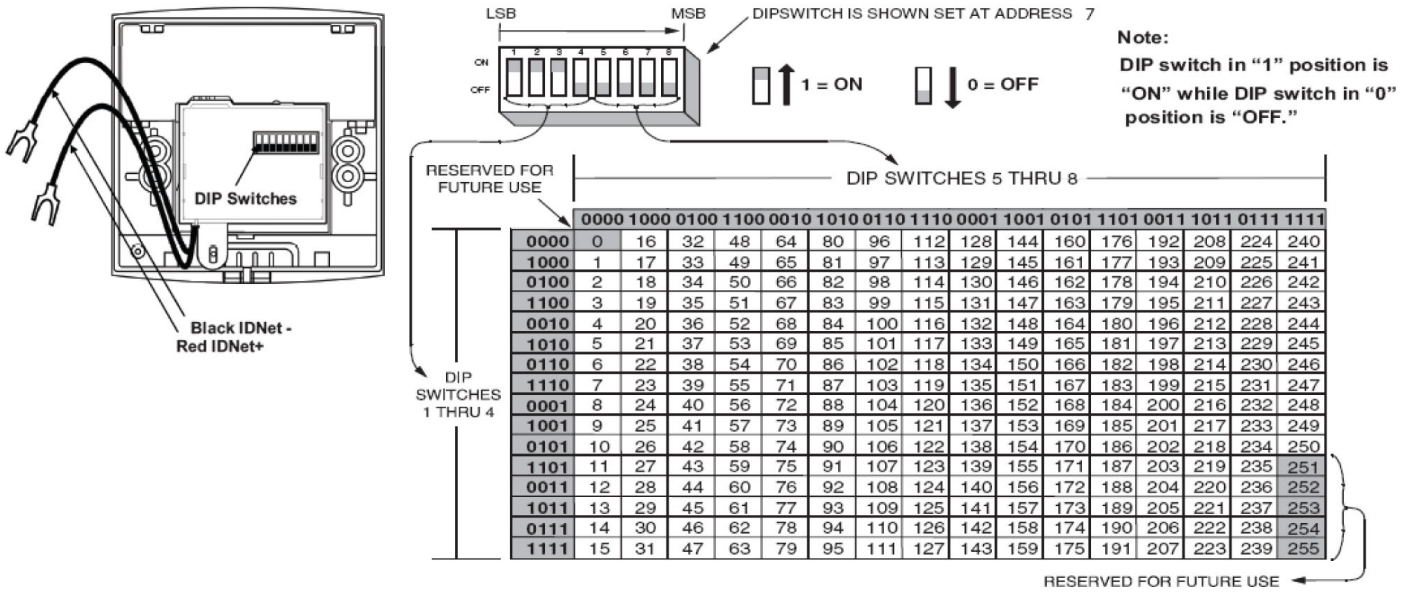


Figure 4: Setting the callpoint address

### Replacing the Break Glass Element

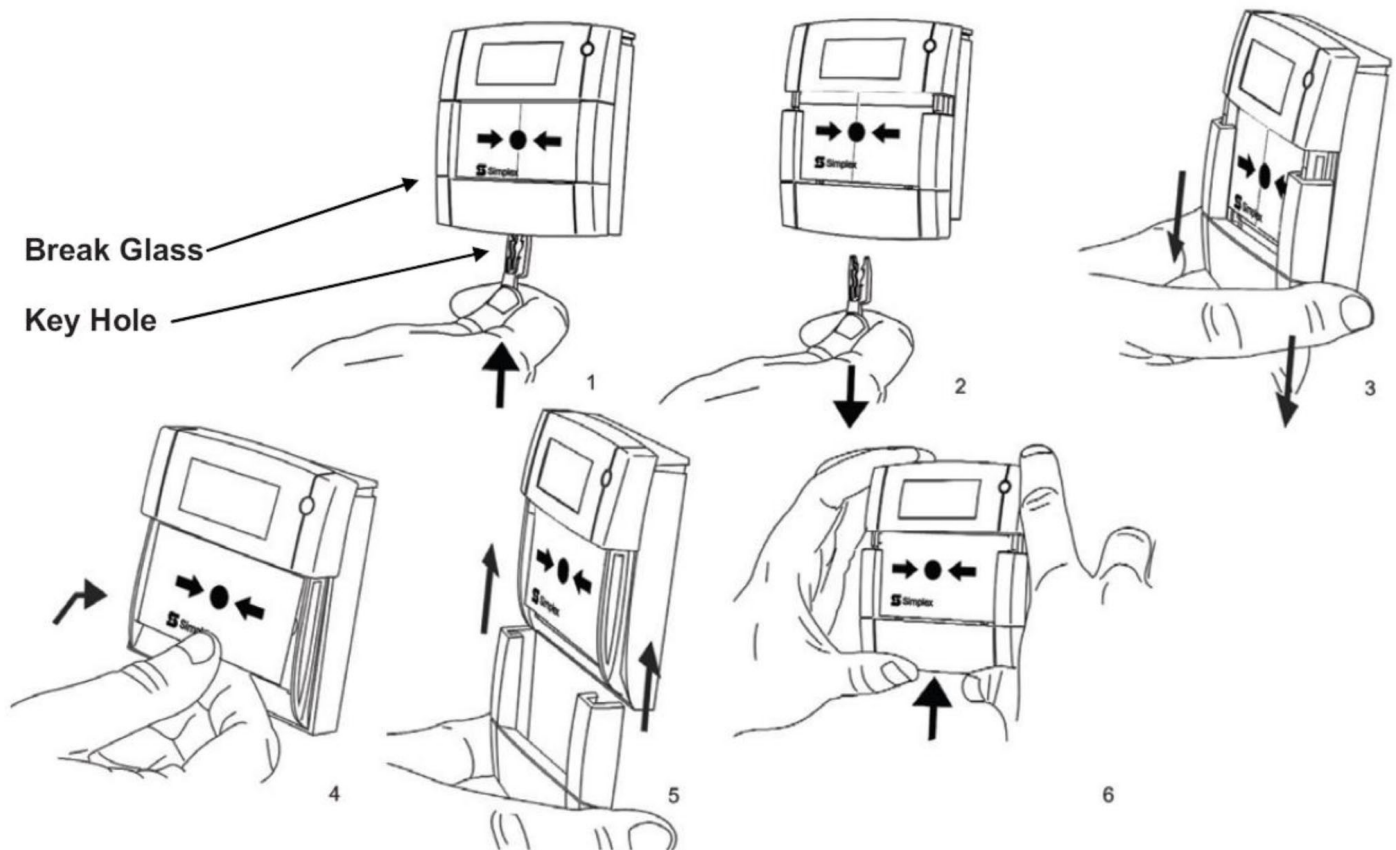


Figure 5: Replacing the Break Glass element

