# NC-MC-100-RKIT

**Intelligent conventional surface mount manual call point, 100 Ω (red)**

## Product overview

The NC-MC-100-RKIT is a red manual call point with back box for surface mount applications.

The call point offers one normally open contact in series with a 100 Ω resitor, as well as a single pole, changeover contact with common, normally open and normally closed connections. It is supplied with a EN54 style resettable element, pluggable connectors for both contacts, a handy wire bridge to help with cable continuity testing, as well as a test key that doubles up as a service tool for disassembly of the device.

## Installation

Installation time and installation flexibility are of paramount importance. The Kidde Commercial MCP range directly meets these needs by providing features designed specifically for this. Pluggable terminal blocks facilitate the pre-connection of all cables. This terminal block is then simply connected to the MCP. Should continuity testing be needed, the handy wire bridge fits neatly into the terminal block in place of the MCP without having to disconnect any cables.

For service and maintenance no additional tools other than the test key is needed. With easy front access in all installations and even with the protection cover fitted, the test key is also used to remove the front cover of the unit should a frangible element need to be replaced.

## Options

Both break glass (frangible elements) and re-settable operating elements may be used. The MCP can be configured as either a break glass or re-settable unit by simply changing from one element to another. Other than the optional frangible element, no additional parts are required. Other parts and accessories include colour matched surface mount boxes, recess mount adapters, trim skirts, flip covers, metal test keys and replacement parts.

This range of manual call points is available in various colours with various trigger resistor options to suit most applications. In addition various function markings are available including regional language variants.




## Details

- Specifically designed for manual fire alarm activation
- Alarm indication by alarm flag and alarm LED
- Enhanced aesthetics with screen printed, high resolution functional marking
- Resettable and also usable with an optional frangible element
- Easy to install (plug and play)
- Colour matched surface mount back box included
- Protection hinged cover with anti-tamper facilities available for avoiding accidental activation
- Backward compatible adapter available for retrofit applications in existing systems
- Key test facility from the front of the unit for easy access, even when a protection cover is fitted
- Easy service and maintenance with test key disassembly and pluggable connectors

# NC-MC-100-RKIT

## Intelligent conventional surface mount manual call point, 100 Ω (red)

## Technical specifications

### General

| | |
|---|---|
| Status indication | LED & alarm flag |
| Compatibility | Conventional alarm systems |
| Connectivity | 2-wire zone |

### Electrical

| | |
|---|---|
| Power supply type | Zone powered |
| Operating voltage | 18 to 24 VDC |
| Current consumption | 0 mA (standby)<br>45 mA (alarm) |
| Cable specification | 0.404 to 2.05 mm (0.13 to 3.31 mm²) |
| No. of cable cores | 2 |
| Terminals | 7 |

### Detection

| | |
|---|---|
| Detection principle | Manual activation |
| Monitoring | Activated, Off |
| Coverage area | Region specific |
| Zone length | <2 km, CIE specific |
| Response time | < 3 s |
| Installation height | Determined by local regulation |

### Output

| | |
|---|---|
| Output quantity | 2 |
| Output type and rating | 1 x NO resistor limited, 1 x change over relay 1 A @ 24 VDC |

### Physical

| | |
|---|---|
| Physical dimensions | 87 x 87 x 26 mm (W x H x D) - MCP<br>87 x 87 x 35 mm (W x H x D) - Back box |
| Net weight | 101 g - MCP<br>60 g - Back box |
| Colour | Red (RAL 3028) |
| Mounting type | Back box, Wall mount |
| Material (body) | Flame retardent ABS |
| Functional marking | House on fire |

### Environmental

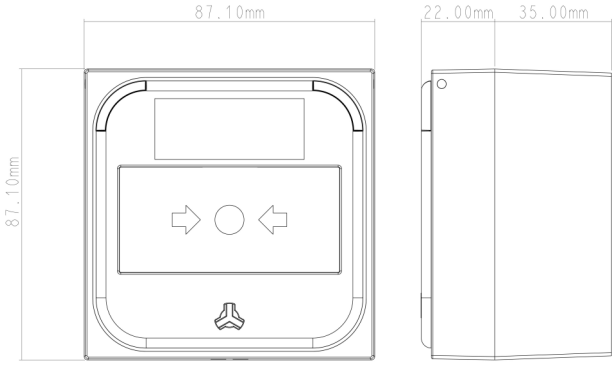
| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -10 to +55°C |
| Storage temperature | -25 to +70°C |
| Relative humidity | 10 to 95% noncondensing |
| Environment | Indoor |
| IP rating | IP41 |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 3, WEEE |
| Certification | CPR |
| Standards | EN54:11 |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Detection device | N-MC-FC | |
| Detection device | N-MC-FE | |




As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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