

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

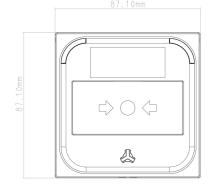
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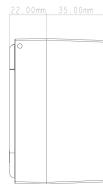
Technical specifications

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) 45 mA (alarm)	
Cable specification	0.404 to 2.05 mm (0.13 to 3.31 mm ²)	
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	$1 \times NO$ resistor limited, $1 \times C$ change over relay $1 \times A \otimes 24 \times C$	
Physical		
Physical dimensions	87 x 87 x 26 mm (W x H x D) - MCP 87 x 87 x 35 mm (W x H x D) - Back box	
Net weight	101 g - MCP 60 g - Back box	
Colour	our 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	

Compatible products

Category	Reference	Description
Detection	N-MC-FC	MCP accessory, intelligent Manual Call
device		Point flip cover
Detection	N-MC-FE	MCP accessory, intelligent manual call
device		point frangible element







EN54:11

Standards

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.