

Intrinsically Safe Call Point Range

IS-MCP5 Intelligent Model - System Sensor Protocol (Red Versions)



> Product Benefits

- Unique 'Plug & Play' installation concept
- Total 'Flex-Ability' in the choice of operating element
- Anti-Tamper facility
- Enhanced aesthetics
- Fully approved to the latest standards
- Backward compatibility



II 1G Ex ia IIC T4
Baseefa 07ATEX0200X
IECEX BAS 07.0060X

Product Overview

An Intrinsically Safe version of our MCP5A indoor call point is available for installation in hazardous areas. These call points are manufactured to protect against other hazards, as defined in paragraph 1.2.7 of annex II of the ATEX Directive 94/9/EC. They are intended for use within Intrinsically Safe (I.S.) systems using suitable I.S. barriers. For a list of suitable barriers see reverse.

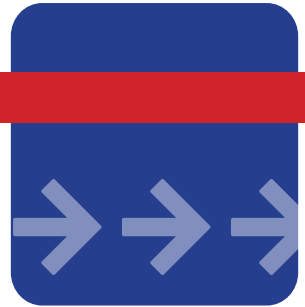
Installation efficiency, flexibility and full compliance with the latest standards are at the heart of the Indoor Call Point range.

Installation time and ultimately cost, are of paramount importance to any fire or security installer. The MCP range directly reflects this need by providing a unique 'plug and play' concept designed specifically to reduce installation time. All new MCP products utilise a special terminal block, where all initial installation cabling is terminated. This terminal block is then simply connected to the back of the MCP. Simple, but effective with no re-termination required and no time wasted.

Both break glass and resettable operating elements can now be used within a manual call point. To provide you with the greatest 'flex-ability', the new MCP range can be configured as either a break glass or resettable unit by simply changing from one element to another. No other additional parts or alternative products need to be ordered.


All MCP Indoor Call Point products also help preserve the integrity of the overall system as illegal removal of the product lid will result in the call point operating and the system going in to alarm.

The MCP5A product is supplied with System Sensors protocol embedded. This allows the device to be used in addressable systems running compatible protocols.





Electrical Specification

Connection Details: See Figure .1
 Cable Termination: 0.5-2.5mm²
 Maximum Voltage: 24VDC
 Standby current: 400uA
 Operating current: 4.8mA (Typical)
 Certification Details:  II 1G Ex ia IIC T4
 Baseefa 07ATEX0200X
 IECEx BAS 07.0060X

Note.1

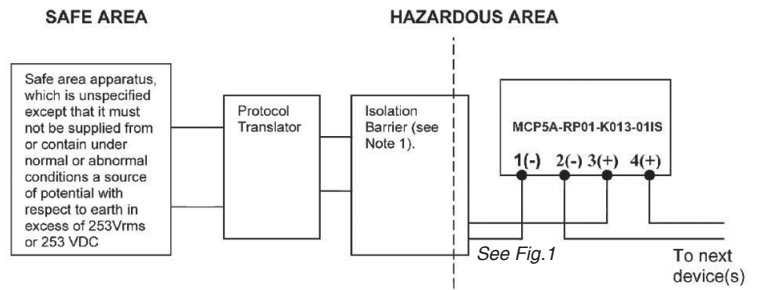
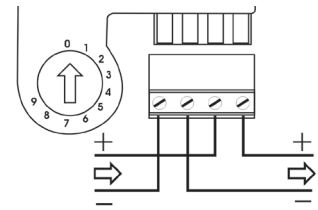
Suitable IS Barriers:

P & F Smart Fire Detector Isolator
 Type KFDO-CS-Ex1.54-Y72221
 (BAS00ATEX7087x)

One channel from:
 P & F Smart Fire Detector Isolator
 Type KFDO-CS-Ex2.54-Y72222
 (BAS00ATEX7087x)

Figure .1

IS-MCP5A-X

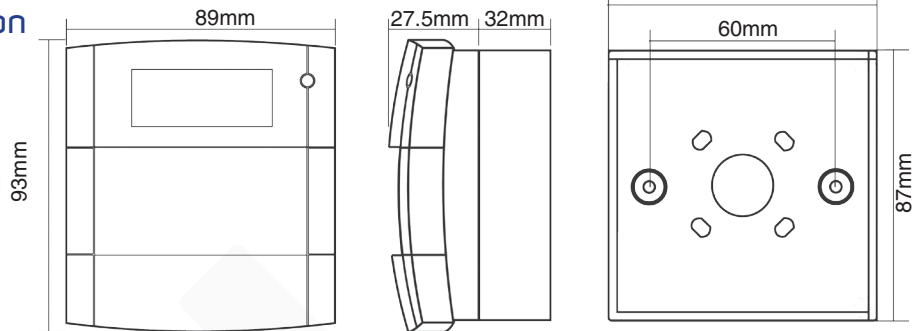


Environmental Specification

Humidity: 93± 3% non-condensing
 Ambient Temperature Range: -10°C to + 55°C
 Ingress Protection (IP) Rating: IP24D
 For RoHS, WEEE & REACH data please see www.kac.co.uk

Mechanical Specification

Material: PC/ABS
 Weight: 130g Flush
 180g Surface
 Colour: Red, Ral 3001



Ordering Information

Model	Mounting	Operating Element	Markings
MCP5A-RP01IF-K013-01IS	Surface	Flexi	EN54-11

Accessories

Code	Description
SC070	Pack Of Ten Test Keys
KG1 x 5	Pack Of Five Glass Elements (Also available in packs of 10, 25 & 50)
PS210	Flexible Operating Element
PS200	Plain Hinged Cover
SC071	Pack Of Twenty Terminal Blocks

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