

Features

- ✧ Electronically addressed, the address can be modified in field;
- ✧ Built-in microprocessor to process information intelligently;
- ✧ Reusable button, that can be reset manually;
- ✧ Providing an independent output contact;
- ✧ Plug-in structure.

Description

I-9201 Intelligent Manual Call Point (MCP) is installed in public places. When there is a fire, pressing the nearest MCP, alarm signal can be sent to the fire alarm control panel (FACP). And the control panel will show the code of the MCP, and give alarm sound.

The MCP is operated by pressing the mechanically latched button to reduce possibility of accidental alarm. The built-in microprocessor can execute alarm checking and communication with the control panel. The microprocessor contains an EEPROM to store messages like address code and device type.

Connection and Wiring

Terminals of the MCP are shown in Fig.1.

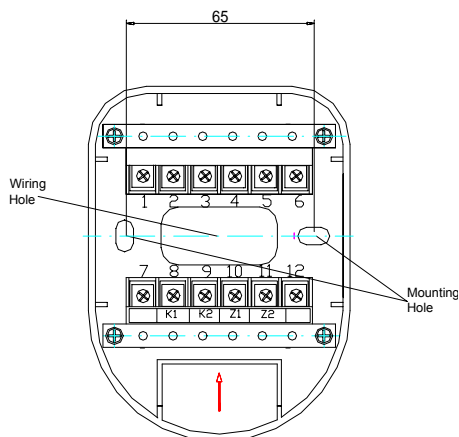


Fig.1

Connection:

Z1, Z2: Polarity-insensitive loop terminals, which are connected with FACP loop;

K1, K2: Passive normally open output terminals

Wiring:

1.0 mm² or above fire cable for Z1, Z2;

1.5 mm² or above fire cable for K1, K2;

All wiring must be in compliance with the applicable national and local codes, and any special requirements of the Authority Having Jurisdiction.



Installation

Unplug the MCP, thread the cable through the wiring hole of the base box and connect it to corresponding terminals, and plug the MCP back. The base of the MCP can be surface mounted or flush mounted as shown in Fig.2 and 3.

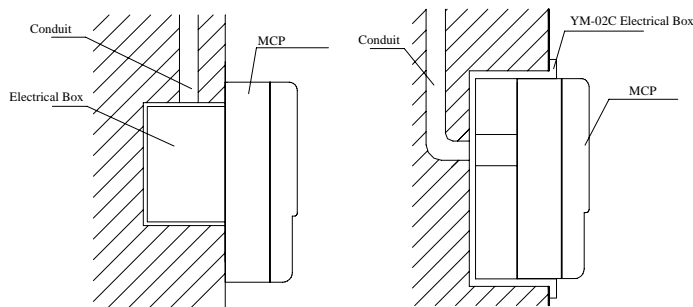


Fig.2

Fig.3

Warning: Before installing the MCP, disconnect the power from the loop and verify that all bases are securely installed and that the wiring polarity is correct at each base.

Application

Connect the terminals Z1 and Z2 to the loop of control panel directly.

- ✧ Before operation, the MCP should be programmed by P-9910B Hand Held Programmer. Please refer to P-9910B Hand Held Programmer Installation and Operation Manual for details.
- ✧ If the connection and wiring are correct, the control panel should be able to register the MCP.
- ✧ When fire occurs, pressing the glass on the MCP, the LED should flash quickly and the control panel should display fire alarm message.

- ◇ Please reset the MCP in time when fire alarm is disposed.

Specification

Operating Voltage	Loop 24V
Standby Current	≤0.6mA
Alarm Current	≤1.8mA
Fire LED	Red
Output Capacity	Rating 60VDC/100mA passive output contact signal, contact resistance≤100mΩ
Type of Initiating Part	Reusable
Initiating Mode	Pressing the glass manually
Reset Mode	Manually reset by a sucker
Program Mode	Electronically addressed
Programming	Electronic programming within 1 ~ 242, occupying one address.
Wiring	Two wire, polarity-insensitive
Ingress Protection Rating	IP40
Environment Temperature	-10 ~ +50
Relative Humidity	≤95%, no condensing
Material and Color of Enclosure	ABS, Red(PANTONE 185C)
Dimension	90mm×122mm×48.5mm
Mounting Hole Spacing	65mm
Weight	221g (including the base)

Accessories and Tools

Type	Name	Remarks
P-9910B	Hand held programmer	Supplied separately
YM-02C	Electrical Box	Supplied separately

Limited Warranty

GST warrants that the product will be free from defects in design, materials and workmanship during the warranty period. This warranty shall not apply to any product that is found to have been improperly installed or used in any way not in accordance with the instructions supplied with the product. Anybody, including the agents, distributors or employees, is not in the position to amend the contents of this warranty. Please contact your local distributor for products not covered by this warranty.

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