I-9201(T) Addressable Manual Call Point with FT Jack

Features

✧ Electronically addressed. Address can be modified in field.

✧ Built-in microprocessor processes information intelligently.

✧ Reusable button can be reset manually.

✧ Providing an independent output contact.

✧ Plug-in structure.

Description

I-9201(T) Addressable Manual Call Point with FT Jack (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 FACP will show the address of the MCP, and give alarm sound. Person in field can communicate with person at fire telephone panel by plugging his handset of P-9912(A) or P-9912(B) into this FT jack.

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 and device type.

Connection and Cabling

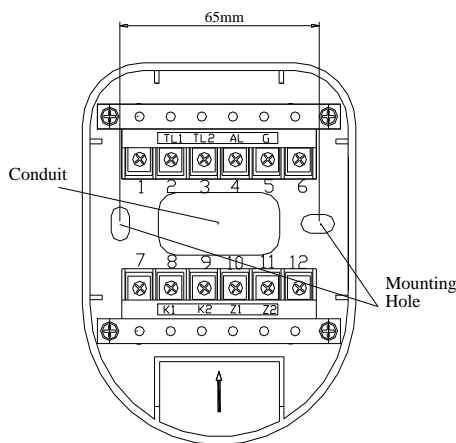Fig.1 shows terminals of the MCP.

Fig.1

Connection:

Z1, Z2: Loop connection, polarity-insensitive.

K1, K2: Volt-free normally open output contact. The closed contact signal shall be output when the MCP is pressed to directly control external devices.

TL1, TL2, AL, and G: Connecting with I-9304 Emergency Telephone Module or Fire Telephone Panel.

Recommended Cabling:

1.0 mm^2 or above fire cable for all cables. Subject to local codes.

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.
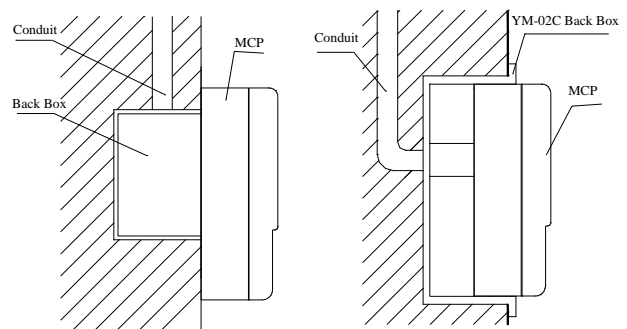

Fig.2   Fig.3

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. If connected with multi-wire fire telephone panel, only TL1 and TL2 are needed. If connected with addressable fire telephone panel, TL1, TL2, AL and G are needed.

✧ Before operation, the MCP should be programmed by 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 (16V~28V)
Standby Current	≤0.6mA
Alarm Current	≤1.8mA
Indicator	Red, flashes every 3 seconds in polling and illuminates in alarming
Output Capacity	Rating 60VDC/100mA; Volt-free 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 one address within 1~242.
Wiring	Non-polarized signal loop for FACP, Four-wire with emergency telephone Jack and two-wire with fire telephone panel.
Ingress Protection Rating	IP43
Environment Temperature	-10℃~+50℃
Relative Humidity	≤95%, no condensing
Material and Color of Enclosure	ABS, Red (PANTONE 185C)
Dimension	90mm×122mm×48.5mm (with base)
Mounting Hole Distance	65mm
Weight	About 221g （with base)

Accessories and Tools

Model	Name	Remarks
P-9910B	Hand Held Programmer	Order separately
YM-02C	Back Box	Order 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.