Features

✧ Alarming by pressing, reset by a special key.
✧ Providing independent normally open output contact.
✧ Plug-in structure.
✧ Standard: EN 54-11.

Description

C-9202 Conventional Manual Call Point (the MCP) will report alarm as current caused by pressing the glass, simply connected to the loop of compatible conventional fire alarm system from various manufacturers. This MCP is suitable for public places. When there is fire, pressing the glass on this MCP can send alarm signal to compatible conventional fire alarm control panel.

Connection and Wiring
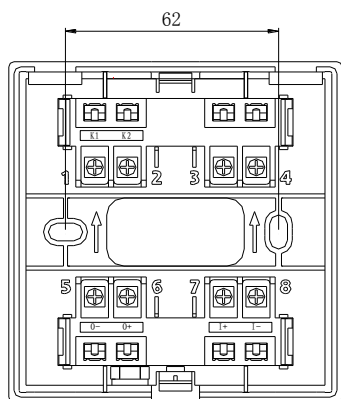
Terminals on the MCP base are shown as Fig. 1.

Fig. 1

I+, I-: Input signal, connecting with compatible control panel or the previous MCP.
O+, O-: Output signal, connecting with the next MCP.
K1, K2: Normally open output terminals.

Recommended Wiring

$0.5mm^2$ or above fire cable, subject to local codes.

Installation

Hook the juts of the MCP body to the base, and then press the part below the glass to combine them completely. Finally fasten the MCP with tapping screws (ST2.9×9.5). The mounting is shown in Fig. 2.

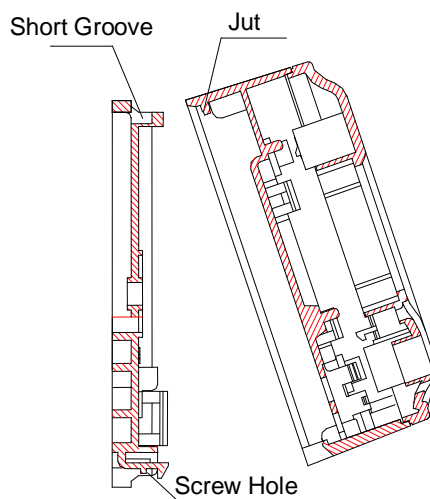Note the upward arrow for the mounting direction (Fig.1).

Short Groove   Jut

Screw Hole

Fig. 2

Application

The MCP and conventional detectors can be used together in a compatible control panel system.

✧ The base doesn't connect with a diode if a 4.7kΩ resistor is connected to the end of output loop instead of Active End of Line Unit. The system composition is shown in Fig. 3.
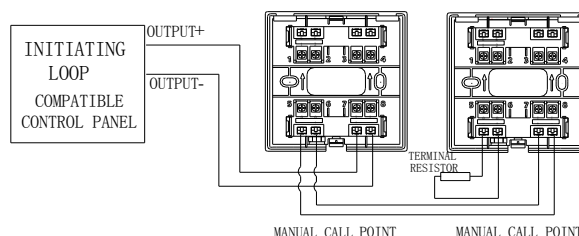
Fig. 3

✧ The base must connect with a diode if P-9907 Active End of Line Unit is connected to the end of output loop.

➢ The Active End of Line Unit can be used as the base of a conventional detector. The system composition is shown in Fig. 4.
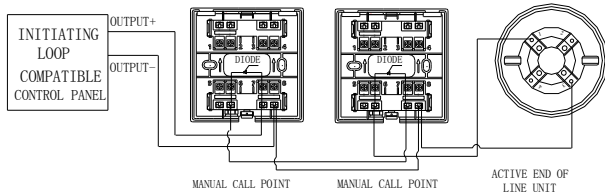

Fig. 4

➢ When Active End of Line Unit is not used as detector base, a cover should be added. The system composition is shown in Fig. 5.
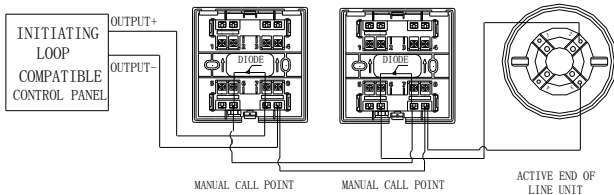

Fig. 5

✧ **Usage of the key**

Vertically insert the key to the key-hole, and turn it anticlockwise by 90°, then push it with force. Turn the key back and pull it out when the glass is rebounded, as shown in Fig. 6.
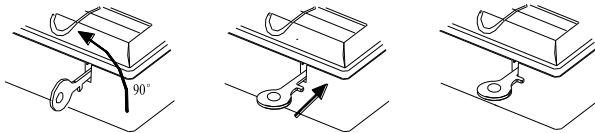

Fig. 6

Specifications

Operating Voltage	24VDC
Standby Current	0mA
Alarm Current	≤30mA (Equivalent resistor 470Ω/1W)
Alarm LED	Red, illuminates when alarming.
Normally Open Output Contact	Rated value：60VDC/0.1A Contact resistance≤100mΩ
Type of Initiating Part	Reusable
Initiating Mode	Pressing the glass manually
Resuming Mode	Manually resumed by a special key
Wiring	Polarity-insensitive two-wire
Ingress Protection Rating	IP20
Environmental Temperature	−10℃～+50℃
Relative Humidity	≤95%, non condensing
Material and Color of Enclosure	ABS, Red (PANTONE 193C)
Dimension (L×W×H)	97mm×100mm×45.5mm
Mounting Hole Distance	52mm～68mm
Weight	About 144g (with base)

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.