

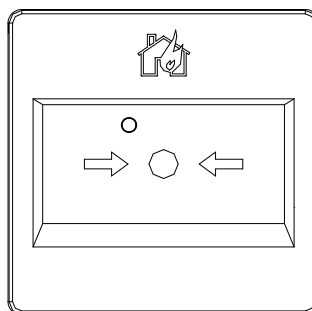


Please read this Manual carefully before installing and using the product .

C9060T Conventional Manual Call Point

1 Product Overview

- (1) C9060T is a conventional manual call point (hereinafter referred to MCP), If it is pressed after a fire is manually confirmed, the indicator will remain lit.



2 Product Features

- (1) Designed with an upper cover and a lower cover, it can be installed, debugged and maintained conveniently.
- (2) Multiple can be used in parallel, and the terminal load must be connected at the end.
- (3) The pressing sheet on the manual fire alarm call point will not get crushed after it is pressed, but can be reset by a special tool, so it can be used repeatedly.

3 Technical parameters

(1)	Item	Parameters
	Executive standard:	EN 54-11
	Working mode:	Two-wire bus system
	Working voltage :	DC18-28V
	Working current:	Monitoring current =0mA, Action current <30mA
	Weight:	About 105g (with base)
	Operating temperature:	Indoor type, temperature :-10°C ~ +55°C, relative humidity ≤95%(40°C±2°C without condensation)
	Starting part:	A re-settable plastic pressing sheet. It can be manually reset with a special tool after being pressed down
	Starting mode:	Press down the pressing sheet manually
	Indicator light:	The ALARM indicator will not be lit at ordinary times and remain lit in the alarm status

4 Appearance and dimensions

(1)

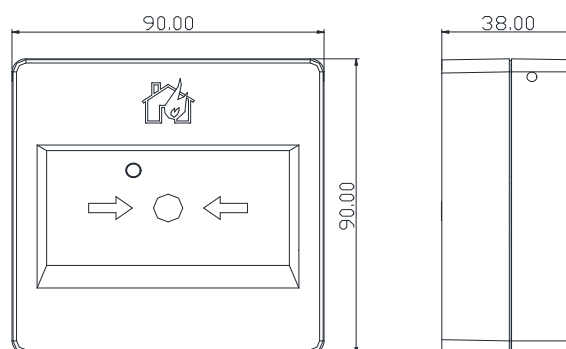


Fig.1 (Unit: mm)



5 Use and engineering application

(1) Fig.2 is the base diagram.

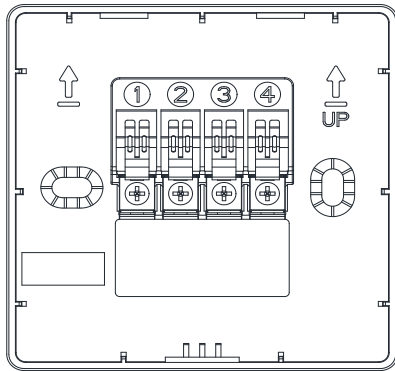


Fig 2

Terminal definition:

- 1 -- Signal terminal (+)
- 2 -- Signal terminal (-)
- 3 -- Signal terminal (+)
- 4 -- Signal terminal (-)

(2) There are two general-use functions and wiring diagrams:

Method 1: Figure 3 shows the connection diagram of the conventional manual call point with the addressable fire alarm control panel:

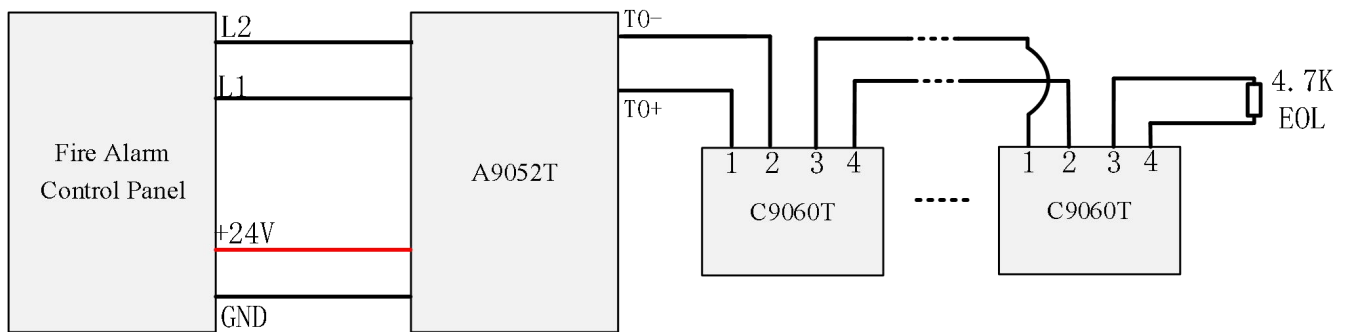


Fig.3

Method 2: Figure 4 is the connection diagram of the conventional manual call point with the conventional fire alarm control panel:

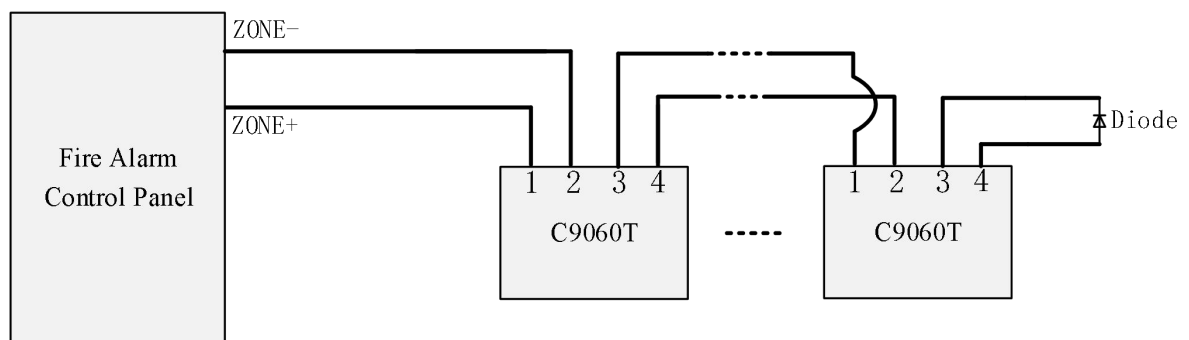


Fig.4

(3) MCP use method:

Alarm: After a fire alarm is manually confirmed, press the pressing sheet on the panel of the manual fire alarm call point (as shown in Fig.5), the ALARM indicator will remain lit.

Reset: Insert the reset key into the key hole at the main body, insert the key in the end, then pull it out (see Fig.5), so that the pressing sheet can rebound to its original status. Reset the fire alarm control system and restore the manual fire alarm call point to the normal monitoring status.

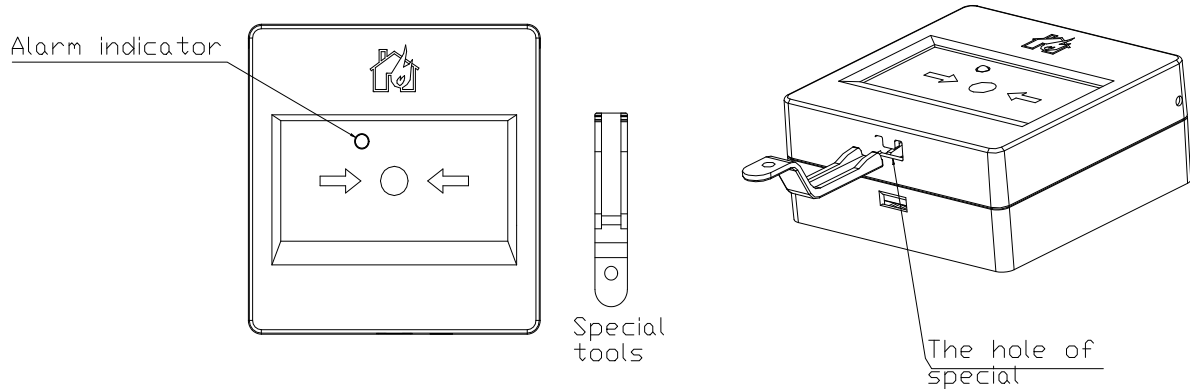


Fig.5

6 Installation and debugging

- (1) Determine the installation position, installation spacing and number of conventional manual call points according to relevant regulations and requirements.
- (2) The installation of the conventional manual call point requires a matching base. The supporting base (DZ-9060K) is shown in Figure 6. The external dimensions are 90mm x 90mm x 20mm (L x W x H), the diameter of fixed holes is $\varnothing 5\text{mm}$, the spacing of fixed holes is 60mm. The cable protection pipe goes through the mounting hole from the bottom of the special base..

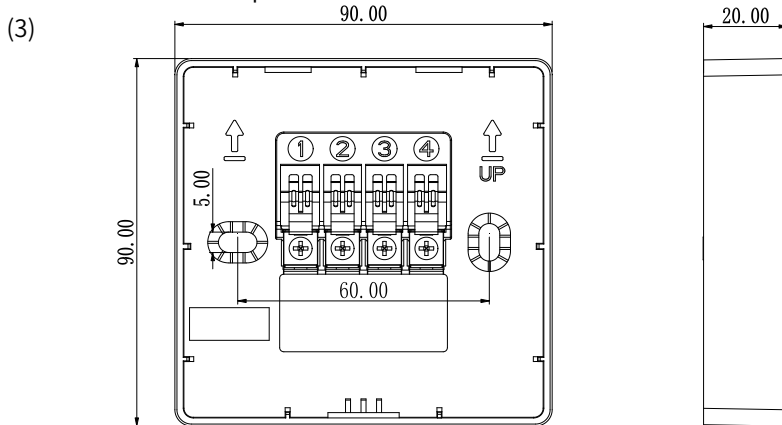


Fig.6

Wiring requirements: It is proper to use RVS twisted pairs with a section of area of equal 1.0mm^2 to 2.5mm^2 .

- (4) The installation and commissioning methods are as follows
 - Use two M4 screws to fix the matched mounting base on the designated position via the mounting holes A and B shown in Fig.7, as instructed in the construction drawing (the distance between the reset key hole and other objects at it' s right side should be at least 20cm), and make sure the matched mounting base has been firmly installed.
 - Disconnect the power supply of the fire alarm control panel and connect the manual fire alarm call point correctly, according to the construction drawing.
 - Insert the upper cover of the manual fire alarm call point into the base and make them fit closely.
 - After all the products are installed and checked, connect the power supply of the fire alarm control system and conduct automatic login.
 - Give alarms and conduct a reset test normally with the usage of the manual fire alarm call point (see section 5.3) .

7 Matters needing attention


- (1) When the manual call point is tested separately, a 3K current-limiting resistor should be connected in series in the test loop. DC 24V should not be connected directly to the detector, otherwise the alarm test will cause the manual call point to be damaged.
- (2) After the device starts, you need to use special tools to reset the device. Collect the special tools after the system



debugging is normal.

- (3) To ensure that the conventional manual call point can be reset using the reset key, leave at least 20cm distance between one side of the reset hole and the obstacle.

8 Maintenance

- (1)  **Warning:** Before conducting maintenance for a manual call point, inform the related management department that the monitoring will be stopped temporarily when the system is maintained. Meanwhile, disable the logic control function of the area or system to be maintained to avoid unnecessary alarm linkage. After the test, inform the management department to restore the normal functions of the system.
- (2) The conventional manual call point is tested at least once a quarter.
- (3) Press the conventional manual call point Action, manual call point start indicator light.
- (4) Within the warranty period stipulated in the contract, if the manual call point used normally according to the specified requirements fails due to defects in the material or manufacturing process, the company will be responsible for free repair or replacement. If the failure of the manual call point is caused by artificial damage, improper use or self-adjustment, modification or disassembly, it does not belong to the scope of warranty, and the company will not be responsible for any adverse consequences caused by it.
- (5) The company is responsible for the paid maintenance of products not covered by the warranty, if you need to repair, please contact us. At the same time, we would like to get some important information about the product you want to repair, such as product failure and possible reasons, so that we can find the problem in the shortest time, but also to provide reference for our future product development and improvement.

9 Fault analysis and troubleshooting

Failures	Causes	Methods	Remarks
Test no alarm	The signal cable is in poor contact	Check the line re-connection.	
	Key switch damaged	Need to return to the manufacturer for repair.	
	Internal circuit failure	Need to return to the manufacturer for repair.	
The fire alarm light is not on	Internal circuit failure	Need to return to the manufacturer for repair.	
	Indicator light failure	Need to return to the manufacturer for repair.	



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