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

J-SAP-M-A62E Manual Call Point

1 Product overview

1.1 J-SAP-M-A62E manual call point (after this referred to as manual alarm) is mainly used with the Addressable Fire Alarm Control Panel. When the fire is confirmed manually, press the action window on the button to send an alarm signal to the fire alarm controller. When the alarm controller receives the alarm signal, the coded address and equipment status of the button will be displayed. The red light shines during normal operation, and the red light will steadily light up during fire. The manual alarm supports electronic coding mode, and the built-in fire telephone jack and telephone indicator light is convenient for engineering applications.

2 Product features

2.1

a. Full electronic coding, can be rewritten by the encoder on site.

b. Using the upper and lower cover structure design is simple and convenient for installation, debugging, maintenance.

c. Comes with a two-wire fire telephone jack, more suitable for engineering use.

d. The manual alarm provides passive output contacts, which can directly control external devices through an intermediate relay.

e. The press button on the manual alarm can be reset with special tools after being pressed, will not be broken, and can be reused.

3 Technical parameters

3.1

Items	Parameters
Executive standard	GB 19880-2005
Operating voltage	Loop 24V
Operating current	Inspection status:<300uA,Action status:<2mA
Output contact	Capacity: 0.1A/30VDC Normally open terminal
Weight	about 118g
Wiring method	two-wire system(L1,L2)
Operating environment	Indoor temperature: －10°C～+55°C RH: ≤95%(40°C±2°C without condensation)
Encoding mode	Through the encoder can be field coding, address coding 1 ~ 324 optional
Telephone jack	Two-wire fire telephone jack (with standard 6.3 mono audio plug)
Starter part	Reusable plastic press button, after starting it can be manually reset with special tools
Starter way	Manually press the button
Indicator light	Red fire alarm light, fire alarm light shining during inspection, fire alarm light steady on at alarm time; Telephone indicator light, shining when correctly connected to the normal working fire telephone system, otherwise not bright.

4 Appearance and dimensions

4.1

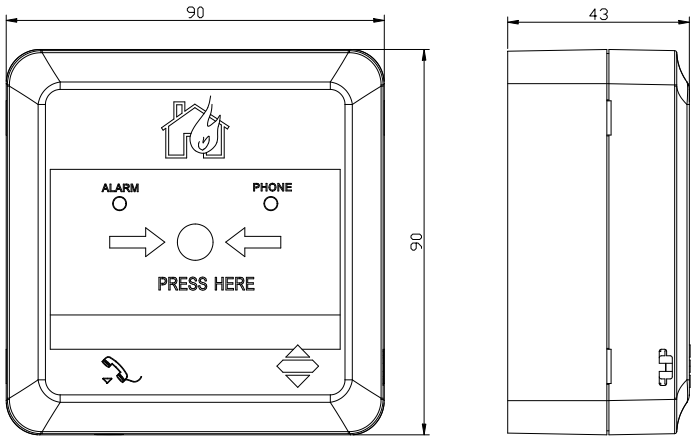

Figure 1 J-SAP-M-A62E Appearance(Unit:mm)

5 Instruction for use

5.1 Figure 2 shows the schematic diagram of the base terminal of the manual alarm

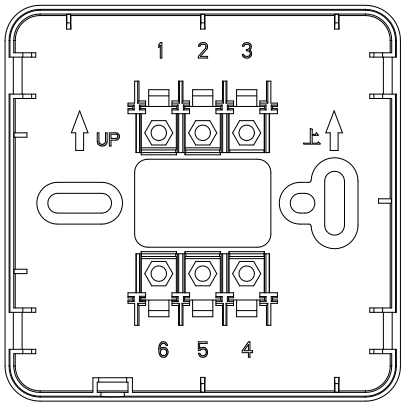

Figure 2 J-SAP-M-A62E base terminal

Terminal definition

1 -- signal terminal(L1)

2 -- signal terminal(L2)

3 -- normally open terminal CON2 (close with 4 port)

4 -- normally open terminal CON1(close with 3 port)

5 -- fire telephone line terminal(TL2)

6 --fire telephone line terminal(TL1)

5.2 General use

The wiring method figure as the Figure 3:

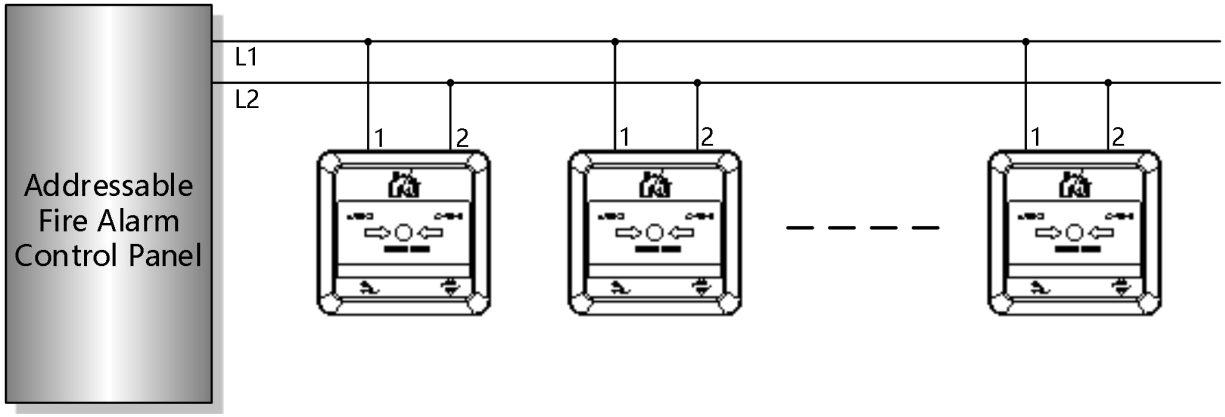

Figure 3 J-SAP-M-A62E wiring method

5.3 Extended use

The wiring method figure as the Figure 4:

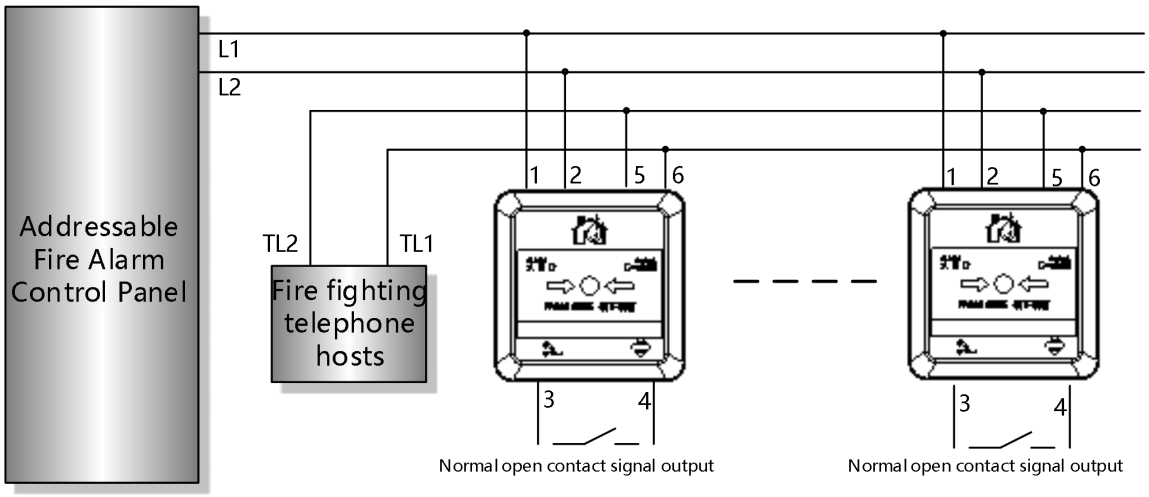

Figure 4 J-SAP-M-A62E wiring method

5.4 The use of manual alarm

Alarming: when the fire alarm is confirmed, press the button on the panel of the manual alarm(as the Figure 5),the fire alarm alarms, at the same time, the normally open terminal 3 port,4 port(as the Figure 4)closes. After the alarm, the indicator light is steady on.

Restore: Insert the special reset key through the reset hole of the shell (as shown in Figure 5), insert the reset key into the bottom, pull out, and the panel restores to the original state. Reset the fire alarm controller and restore the manual alarm to the normal monitoring status.

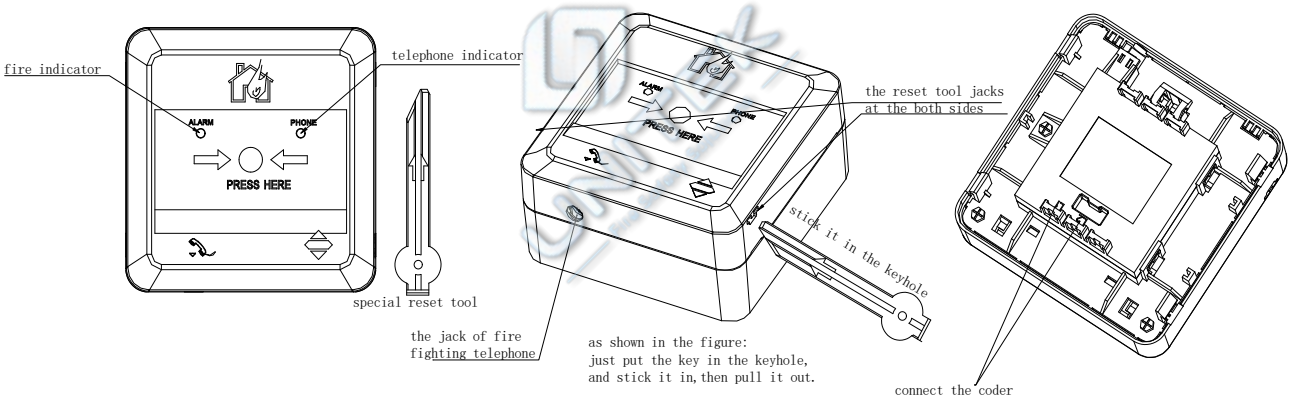

Figure 5 The use of manual alarm

5.5 Coding address: Clamp the output end of the encoder to the rear cover L1 and L2 pins (regardless of polarity) as shown in Figure 5, set the encoder to the coding function, compile the correct address number, press the "Run" key to complete the address coding settings; Must use our special encoder for coding operation. (Note: Please refer to the encoder user manual for detailed operation)

6 Installation and debugging

6.1 The installation position, installation spacing, and quantity of manual alarm shall be determined according to the relevant provisions and requirements in the national standard GB 50116-2013 "Code for Design of Automatic Fire Alarm System" and GB 50166-2019 "Standard for Construction and Acceptance of Automatic Fire Alarm System".

The installation of the manual alarm requires the use of a matching base. The supporting base is shown in Figure 6. The external dimensions are 90mm x 90mm x 27mm (L x W x H), the diameter of fixed holes is Ø4.5mm, the spacing of fixed holes is 45mm to 63mm, and the pipe inlet wires are routed through the lower part of the base.

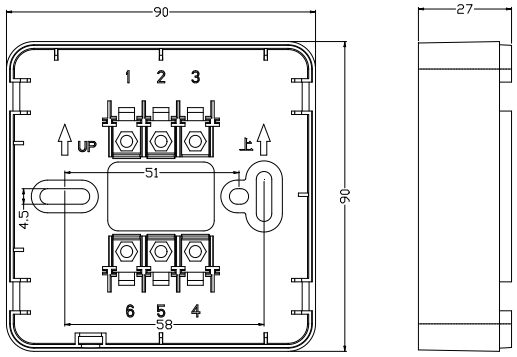

Figure 6 The supporting base of Manual Call Point

Wiring requirements: The signal bus adopts ZR-RVS-2 × 1.5mm² copper core flame retardant PVC insulated two-type flexible wire, and the fire telephone communication line adopts ZR-RVVP-2 × 1.5mm² copper core flame retardant PVC insulated and sheathed shielded flexible cable. Use metal pipes, flexible (metal) electrical conduits, steel plastic pipes above B1 level, or closed cable troughs for protection. Cables of different voltage levels should not be routed into the same protective tube. When the same slot is used, the cable troughs should be separated by partitions.

6.2 Installation and Debugging:

a. According to the construction drawings, use two M4 screws to fix the supporting base to the specified position through the fixing holes shown in Figure 6 (there should be no barrier at least 20cm on one side of the resetting hole), and confirm that the base is securely installed;

b. Confirm that the manual alarm type matches the controller host type;

c. According to the manual alarm address number marked on the construction drawings, use the encoder to code the manual alarm;

d. Cut off the power supply of the controller, and connect the manual alarm correctly according to the construction drawings;

e. Fasten the hand cover into the supporting base, so that the upper cover is closely connected with the base;

f. After all products are installed and confirmed, switch on the controller power supply and perform automatic login operation;

g. After the automatic login is normal, the red fire alarm light of the manual alarm flashes once in about 12 seconds, indicating that the manual alarm has begun to work normally;

h. According to the use method (see 5.4)of manual alarm for normal alarm and recovery test, and connect the fire telephone test call.

7 Precautions ⚠

7.1

a. In the same bus loop, the manual alarm can not use the same address with other devices to avoid address conflict.

b. When coding the address of the manual alarm, do not remove the connection between the host and online coding, but should first shut down the host or equipment power supply.

c. Special tools are needed to reset the device after the device is operated, please pack up the special tools after the system debugging is normal.

d. The manual alarm should be installed in an obvious and easy-to-operate location. When installed on the wall, the bottom edge should be 1.3m-1.5m from the ground height.

e. To ensure that the manual alarm can be reset with the reset key, at least 20cm spacing should be reserved between one side of the reset hole and the wall.

f. The connection wire of the fire alarm button should have a margin of not less than 150 mm, and there should be a clear sign at its end.

g. The installation of the manual alarm shall comply with the provisions of the national standard GB 50116-2013 "Code for Design of Automatic Fire Alarm System" and GB 50166-2019 "Standard for Construction and Acceptance of Automatic Fire Alarm System".

8 Maintenance and Upkeep

8.1 **⚠Warning: Before the manual alarm is maintained, the relevant management department should be notified that the system will be maintained and will temporarily stop working. At the same time, the logical control function of the zone or system to be maintained should be cut off to avoid unnecessary alarm linkage. After the test, use the reset tool to reset the manual alarm, and notify the management department that the system is back to normal.**

a. The manual alarm should be tested at least once a year. It is recommended to maintain the installed manual alarm every two years.

b. Press the alarm button, the red fire alarm light of the manual alarm should be lit, and the controller should display the alarm address of the manual alarm.

c. Within the warranty period agreed in the contract, if the manual alarm is used normally according to the regulations, or if it fails due to defects of materials or manufacturing process, we will be responsible for free repair or replacement. If the manual alarm is invalid due to artificial damage, improper use or self-adjustment, modification or disassembly, it does not belong to the scope of the warranty, and the company will not be responsible for all consequences caused by it.

d. 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 references for our future product development and improvement.

9 Failure Analysis and Troubleshooting

9.1

Fault phenomena	Analysis of Possible causes	Troubleshooting	Remarks
The detector can’ t be coded.	The internal circuit is damaged.	Send the detector back to the factory for repair.	
The detector can’ t be logged into normally.	The detector has no address or has a coincident code.	Recode the detector.	
The detector reports a fault after login.	The internal circuit is damaged	Send the detector back to the factory for repair.	
The detector reports a fire alarm after login.	The recovery button has been activated	Restore the button	
	The internal circuit is damaged	Send the detector back to the factory for repair.	

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