

Feature

- ✧ Electronically addressed. The address can be modified in field,
- ✧ Change the manual/automatic state by rotating the key.
- ✧ The terminal block is of a plug-in structure, which is convenient for installation.

Description

DI-M9324 Addressable Automatic/Manual Switch (hereinafter referred to as "Automatic/Manual Switch") can be connected to the loop GST-GP01 Gas Releasing Control Panel (Control Panel). The Automatic/Manual Switch is designed for installation in frequently accessed areas. It is used to control the conversion between manual and automatic states of the gas fire extinguishing system. When personnel enter the protected area, the system can be set to manual mode through the Automatic/Manual Switch to prohibit the interlocking start-up of the system. When there are no people in the protected area, the system can be set to automatic mode through the Automatic/Manual Switch, so that the fire alarm system can automatically link the gas fire extinguishing.

Specification

Operating Voltage	Loop 24V(16V~28V)
Operating Current	≤0.7mA
Indicator Light	AUTO: Yellow MANUAL: Green
Type of the Part	Reusable
Programming Mode	Electronically addressed
Address Range	One address within 1~242.
Wiring	Polarity-insensitive two-wire
Ingress Protection Rating	IP30
Environmental Temperature	-40°C~+55°C
Relative Humidity	≤95%, non-condensing
Material and Color of Enclosure	Plastic (5VA), blue
Dimension (L×W×H)	130mm×90mm ×53mm
Mounting Hole Distance	60mm (Width)/83mm (Length)
Weight	About 180g

Connection and Cabling

The terminals and mounting holes of the Automatic/Manual Switch are shown in Figure 1.



The mounting holes of this product are compatible with the 4x2 embedded box (US standard) or the 86-box.

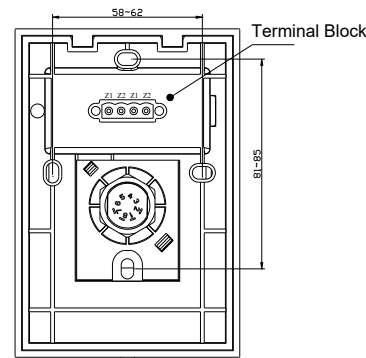


Figure 1 Terminal Block/Mounting Hole Diagram

Wiring Instructions:

Z1/Z2: Connect to the loop of control panel (non-polarized).

Recommended Cabling: 18-12AWG fire-rated cables shall be used where possible, subject to local codes.

Installation

Select the appropriate back box or embedded box matching up with the mounting holes. When installing, connect the cable to the corresponding terminals and secure with the terminals' built-in screws. Unscrew and remove the locking screw, open the front cover of the product, remove the enclosure, fix the base to the back box or embedded box with screws. Then engage the two latches on the cover with the corresponding slots on the base. Snap the front cover onto the base and tighten the locking screws as shown in Figure 2.

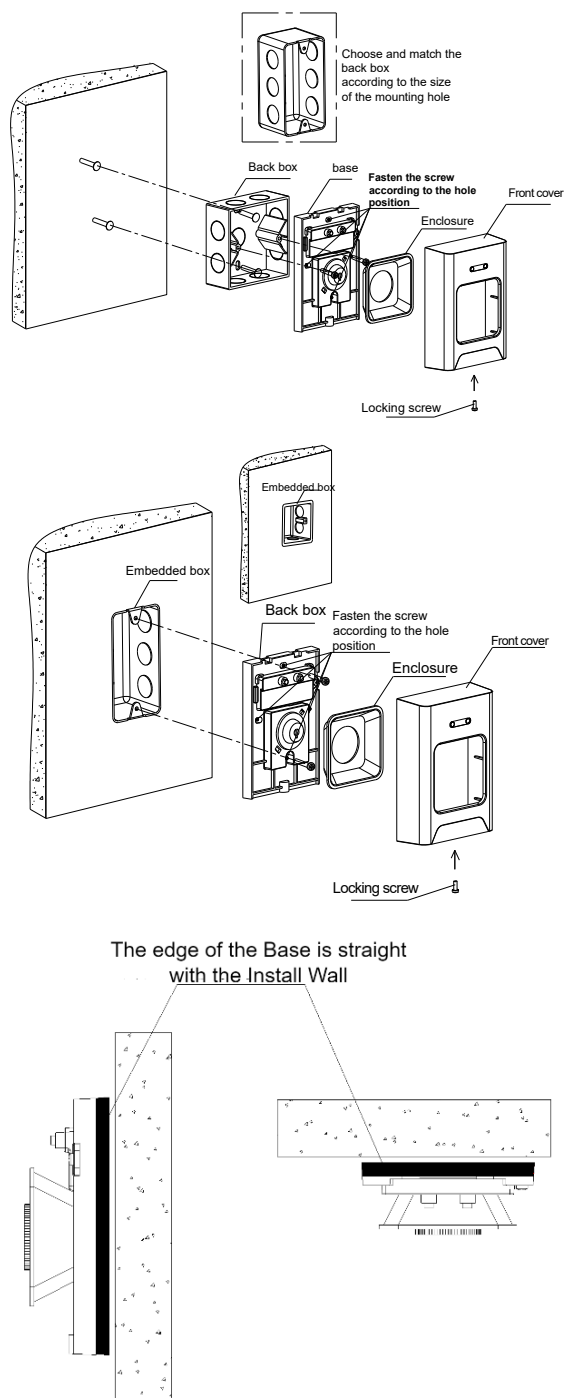


Figure 2 Installation Diagram

Caution: The edge of the base should be straight with the wall. Do not overtighten the mounting screws to prevent deformation of the base, which may cause damage or failure of the product.

Application

The application diagram of the Automatic/Manual Switch is shown in Figure 3.

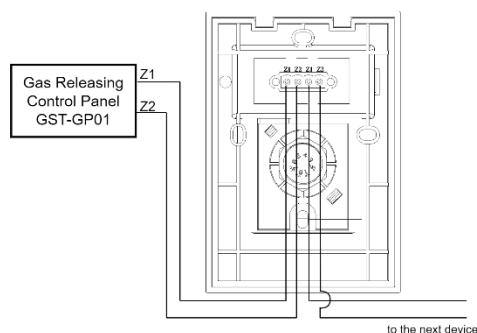


Figure 3 Application Diagram

- ✧ Please use P-9910B Handheld Programmer to program the address. Please refer to the manual of the P-9910B Handheld Programmer for detailed method.
- ✧ Then connect Z1 and Z2 on the base to the loop of Control Panel. If the connection is correct, the Control Panel should be able to register with the Automatic/Manual Switch.
- ✧ Operation

When personnel enter the protected area, insert the key vertically into the keyhole and turn it clockwise to manual mode; When there are no personnel in the protected area, counterclockwise rotation is in automatic mode. Then remove the key.

Accessories and Tools

Model	Name	Remarks
P-9910B	Handheld Programmer	Order separately

For Article33 information, please refer to the following website: <https://www.gst.com.cn/en/reacharticle33.asp>

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