DI-M9205S
Manual Pull Station(Single Action)

Features

- ✧ Electronically addressed. The address can be modified in field.
- ✧ It adopts a pull-down start method and can be reset with a dedicated key.
- ✧ The terminal block is of a plug-in structure, which is convenient for installation.
- ✧ Standards: UL38.

Description

DI-M9205S Manual Pull Station(Single Action) (hereinafter referred to as “Pull Station”) can be connected to the loop of GST-IFP4M Intelligent Fire Alarm Control Panel (Control Panel). The Pull Station is designed for installation in frequently accessed areas. When there is a fire, the operator can pull down the handle of the Pull Station to send a fire signal to the Control Panel. After receiving the signal, the control panel will show address information of the Pull Station and generate alarm sound.

Specification

Operating Voltage	Loop 24V (16V~28V)
Standby Current	≤0.5mA
Alarm Current	≤0.5mA
Type of the Part	Reusable
Addressing Method	Electronically addressed
Address Range	One address within 1~242.
Wiring	Polarity-insensitive two-wire
Ingress Protection Rating	IP30(Not evaluated by UL)
Environmental Temperature	-40℃~+55℃(Not evaluated by UL)
Relative Humidity	≤95%, non-condensing(Not evaluated by UL)
Material and Color of Enclosure	Plastic (5VA), red
Dimension (L×W×H)	130mm×93mm×47mm
Mounting Hole Distance	60mm (Width)/83mm (Length)
Weight	About 200g

Connection and Cabling

The terminals and mounting holes of the Pull Station are shown in Figure 1.

The mounting holes of this product are compatible with the 4x2 embedded box (US standard) or the 86-box (Not evaluated by UL)

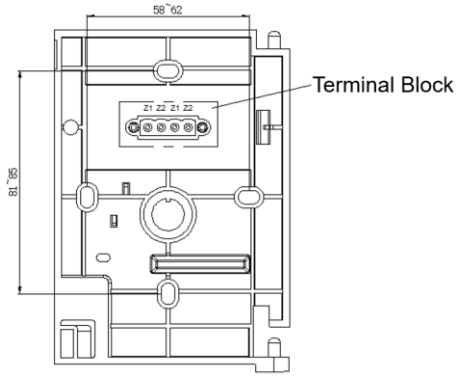

Figure 1 Terminal Block/Mounting Hole Diagram

Wiring Instructions:
Z1/Z2: Connect to the loop of control panel (non-polarized).
Recommended Cabling: 18-12AWG fire-rated cables should 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. Unlock the side lock of the product with the key, as shown in Figure 2. Open the front cover, fix the base to the back box or embedded box with screws, then fasten the front cover back to the base, and lock the front cover tightly using the key. The installation diagram is shown in Figure 3.

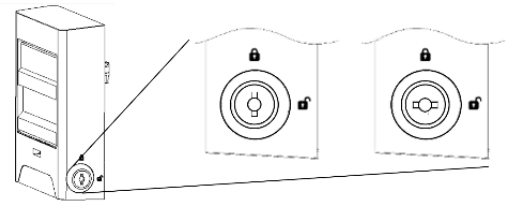

Figure 2 Key/Lock Diagram

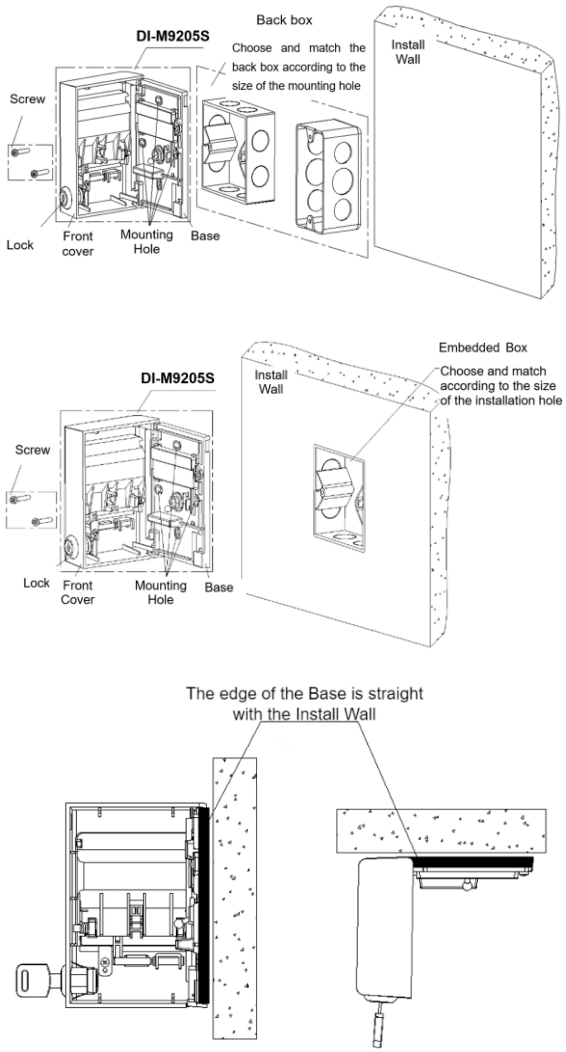

Figure 3 Installation Diagram

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 Pull Station is shown in Figure 4.

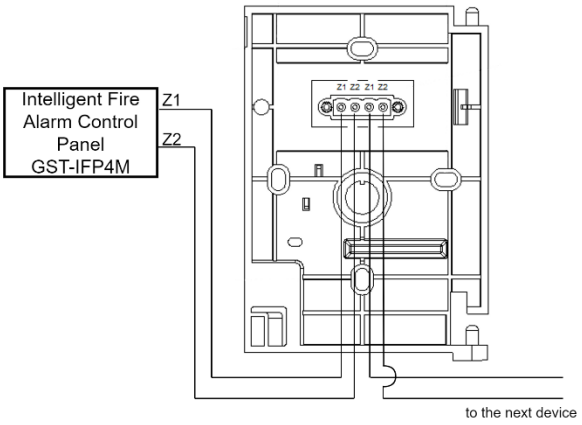

Figure 4 Application Diagram

✧ Please use P-9910B Hand Held Programmer to program the address. Please refer to the manual of the P-9910B Hand Held 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 Release Station.

✧ Operation

a） When manual alarm is required

Pull the "Handle" down to the utmost. Then a alarm signal can be sent to the Panel, as shown in Figure 5.

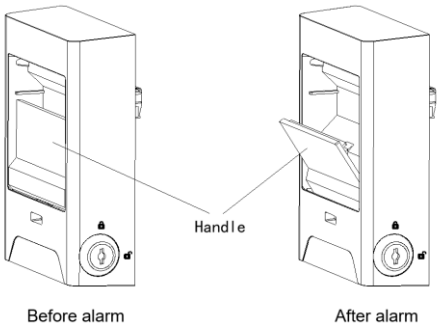

Figure 5 Startup Diagram

b） Resetting the Handle of the Pull Station.

Unlock the side lock of the product with the key, then open the front cover, reset the toggle switch.

Remove the damaged warning pin and replac e it with a new one. Close the front cover, lock it, remove the key, and the product returns to its normal state, as shown in Figure 6.

Caution:The warning pin is damaged after startup and needs replacement after each reset.

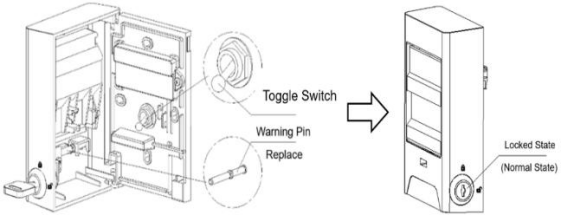

Figure 6 Reset Diagram

Caution: After alarm, the reset of the "Handle" should be carried out in accordance with the instructions in the manual. It is prohibited to force a violent reset without opening the front cover. Forced reset can cause damage and failure of the product.

✧ Commissioning Instructions

Open the front cover, manually toggle the switch, and the Control Panel should receive the alarm signal.

Reset the toggle switch, fasten the front cover back onto the base, lock it with the key, and the Release Station will restore monitoring status.

Accessories and Tools

Model	Name	Remarks
P-9910B	Hand Held Programmer	Order separately
——	Warning Pin*2	Refer to accessory
——	Key*2	Refer to accessory
*For accessory procurement, please contact Sales Department.		

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