I-9300

Addressable Input Module

Features

- ✧ Working mode can be set to normally open, normally closed and normally open cable monitor through programmer.
- ✧ Electronically addressed. The address can be modified in field.
- ✧ The built-in microprocessor processes messages intelligently.
- ✧ Insulation technology for input signal, good anti-interference ability.
- ✧ Plug-in structure.
- ✧ Standard: EN 54-18:2005.

Description

I-9300 Addressable Input Module is designed to receive normally open or normally closed switch signal from fire devices with coincidence functions, and transmits these messages to fire alarm control panel (FACP) with coincidence detection function. When a device of this kind is activated, the module can send the output signal through signal loop to FACP to alarm or activate relative devices.

Connection and Cabling

Fig. 1 shows terminals on the module.

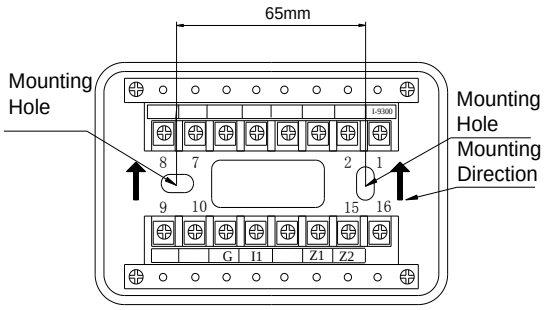


Fig. 1

Z1,Z2:Connecting with loop of FACP, polarity-insensitive.

I1,G:Connecting with volt-free normally open contact (closed to activate and report alarm) of the device, it can be set to normally closed or normally open cable monitor.

Recommended Cabling

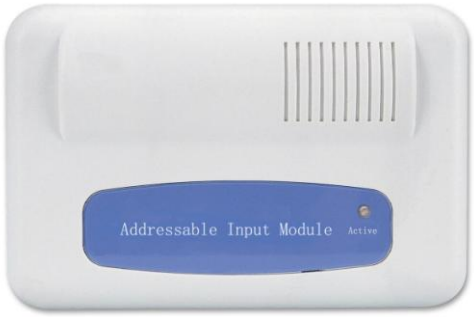
1.0mm^2 or above fire cable for each terminal. Subject to local codes.

Installation

The module is simply plugged onto the base after corresponding terminals are connected.

If the cable conduit is inside the wall, the base is installed onto the Back Box (Fig. 2). If the cable conduit is on the surface of the wall, B-9310 Back Box is available.

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



0832-CPD-0837

548m/01

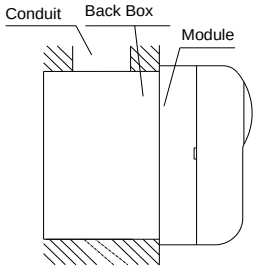


Fig. 2

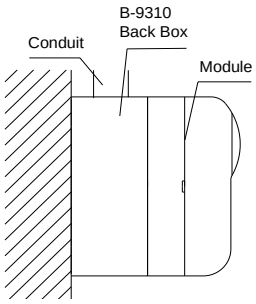


Fig. 3

Application

The module is designed to connect with active devices in field such as water flow switch, pressure switch, position switch, signal valve and devices able to transmit back switch signals.

Address and working mode can be set through GST programmer, refer to *P-9910B Hand Held Programmer Installation and Operation Manual* for specific operation. Working mode is defaulted to normally open (4), while it can be modified to normally closed (7) or normally open cable monitor (1).

✧ Fig. 4 shows connecting the module with field device with volt-free normally open contact. Working mode is normally open (4).

✧ Fig. 5 shows connecting the module with field device with volt-free normally closed contact. Working mode is normally closed (7).

✧ Fig. 6 shows connecting the module with field device with volt-free normally open contact requiring cable monitor. Working mode is normally cable monitor (1).

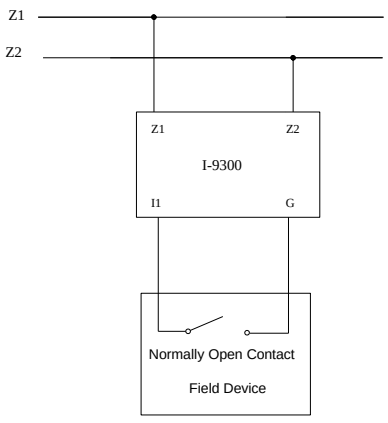


Fig. 4

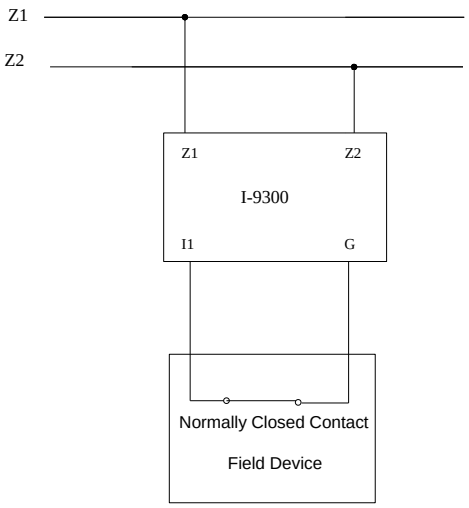


Fig. 5

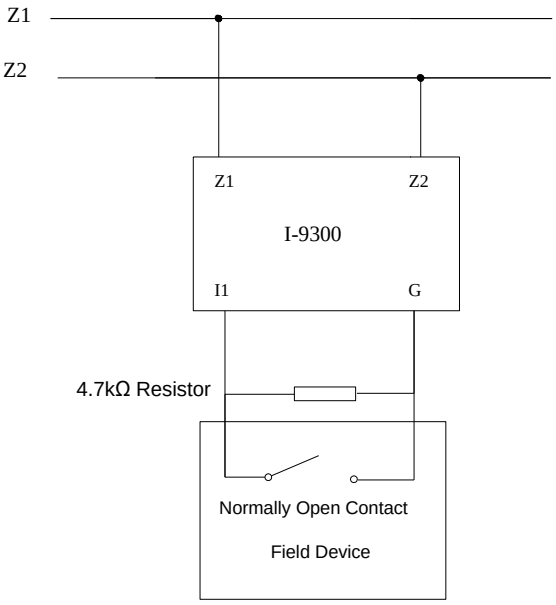


Fig. 6

Specification

Operating Voltage	Loop 24V(16V~28V)
Average Current	≤1mA
Programming Method	Electronically addressed
Code Range	One address is within 1～242.
Indicator	Red, flashes when polling. Illuminates in action.
Ingress Protection Rating	IP30
Operating Temperature	0℃～+49℃
Relative Humidity	≤93%, non condensing
Material of Enclosure	ABS
Dimension (L×W×H)	120mm×80mm×39mm (with base)
Weight	About 181g (with base)

Accessories and Tools

Model	Name	Remark
P-9910B	Hand Held Programmer	Order separately
B-9310	Back Box	Order separately

Limited Warranty

GST warrants that the product will be free of charge for repairing or replacing from defects in design, materials and workmanship during the warranty period. This warranty does not cover 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.

This Data Sheet is subject to change without notice. Please contact GST for more information or questions.

Gulf Security Technology Co., Ltd.
No. 80, Changjiang East Road, QETDZ, Qinhuangdao, Hebei, P. R. China 066004
Tel: +86 (0) 335 8502434 Fax: +86 (0) 335 8502532
service.gst@fs.utc.com www.gst.com.cn