The Intelliaent Solution

I-9300S
Addressable Input Interface

Features

- ✧ The address and working mode can be modified in field through the programmer.
- ✧ Built-in microprocessor processes messages intelligently.
- ✧ Input cable checking.
- ✧ Small size, installed in back box.

Description

I-9300S Addressable Input interface is designed to monitor fire conditions of detectors and security devices which are able to output contact switch signals. When a monitored device is activated, the interface can send the action status to FACP through signal loop to alarm or activate relative devices through FACP.

The interface should connect with compatible FACP to ensure normal operation.

Connection and Cabling

Z1, Z2: Connecting with the loop of the FACP, polarity-insensitive. Z1 is blue and Z2 is white.

I, G: Brown. Connecting with normally open or normally closed contact of monitored device, polarity-insensitive.

Recommended Cabling

1.0mm^2 or above fire cable for Z1, Z2. 1.5mm^2 or above fire cable for I, G. Subject to local codes.

Installation

The interface is small-sized, simply installed onto the back box of controlled device without fastening.

Application

The interface is designed to connect with devices in field such as fire detectors and manual call points which are able to output contact switch signals.

Choosing working mode depends on output contact type of connected device.

✧ Fig. 1 shows that the interface connects with field device outputting volt-free normally open contact. Working mode should be set to “4” (Default setting. The interface will report fault if the end-of-line resistor is not connected or I, G input circuit is open and report Action/Fire alarm if I, G input circuit is short).

✧ Fig. 2 shows that the interface connects with field device outputting volt-free normally closed contact. Working mode should be set to 7. (In this mode, the module will report fault if I, G input circuit is short and report Action/Fire alarm if the end-of-line resistor is not connected or I, G input circuit is open.)

Address and working mode can be set through GST programmer, refer to *P-9910B Hand Held Programmer Installation and Operation Manual* for specific operation.

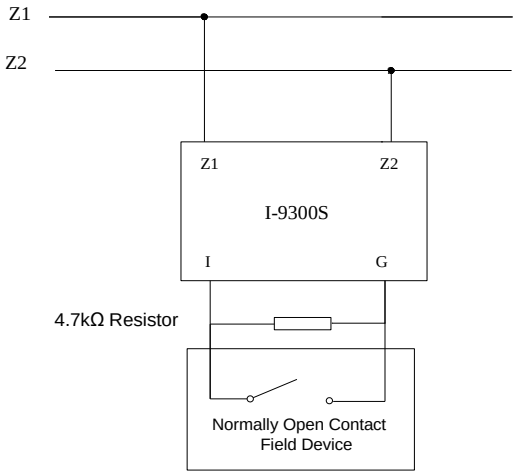

Fig.1

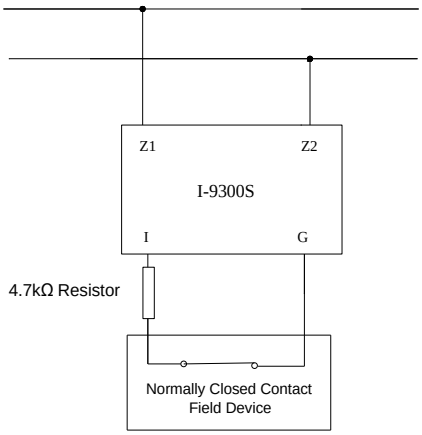

Fig.2

Specification

Operating Voltag	Loop 24V(16V~28V)
Average Current	≤1.5mA
Programming Method	Electronically addressed
Code Range	One address is within 1～242.
Ingress Protection Rating	IP30
Operating Temperature	-20℃～+55℃
Relative Humidity	≤95%RH, non condensing
Dimension	50mm×44mm×17mm

Accessories and Tools

Model	Name	Remark
P-9910B	Hand Held Programmer	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 document is subject to change without notice. Please contact GST for more information or questions.

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