

DI-9300E Digital Single Input Module



LPCB

Description

DI-9300E Digital Single Input Module is used for receiving normally open or normally closed switch signal (dry contact), and transmitting the signal to fire alarm control panel (FACP) through signaling line circuit (SLC) loop to FACP. Then the FACP generates active message and displays the address of the module. By cable monitoring, the module can transmit the fault message to the FACP when the input loop is broken. And the FACP will display the address of the module.

Features and Benefits

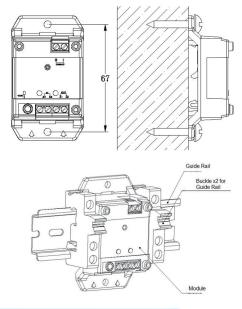
- Input port monitored with 4.7KΩ EOLR
- Normally open or normally closed contact acceptable
- Electronically addressed. Address can be modified in field
- Built-in microprocessor and AD sampling technology
- Rail mount or surface mount

Certificates and Compliance

- Standards: EN 54-18:2005
- Certifications: CE LPCB
- WEEE & RoHS Compliant

Installation

The installation points of the module are shown below, Wall-mount and Rail-mount. DIN-35mm rail is applicable.



Terminals and Recommended Cabling

(Z1, Z2) IN & OUT: Loop (SLC) connection, In & Out, non-polarized

I, G: Contact input, non-polarized

Recommended Cabling: Minimum 1.0mm², Maximum 2.0mm² twisted pair cable, and subject to local codes



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DS10105506



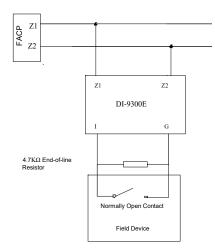
Application

The module is electronically programmable. Set the address and input parameter by handheld programmer P-9910B. The input can be N/O (default) or N/C.

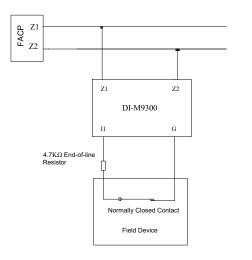
Parameter (Function-3)	Input Mode
1	Normally-Closed
Other numbers	Normally-Open

The operation can be done either through the clips-link to the terminals (Z1&Z2), or through the earphone-link to the 3.5mm code-jack.

Below figures show the connections of the module. A 1-Watt 4k7 End of Line Resistor is required. Normally-open input



Normally-closed input



Technical Specification

	1
Operating Voltage	Loop 24VDC (16VDC - 28VDC) Power Limited
Standby Current	≤ 0.26 mA
Action Current	≤ 0.5 mA
Programming	Electronically addressing
Address Range	1 address, from 1 to 242.
Indicator	Feedback LED: Red, lights on activation, flashes in other states. Fault LED: Yellow, lights 0.5s on and 0.5s off as there is input fault, turns off in other states.
Ingress Protection Rating	IP30
Operating Temperature	-10°C ~ +55°C
Relative Humidity	≤ 95%, Non Condensing
Material and Color of Enclosure	ABS, white (RAL9016)
Dimension (L×W×H)	78mm×45.3mm×28.5mm
Weight	About 36.8g

Order Information and Compatible Products

Part No.	DI-9300E
Device Name	Digital Single Input Module
Product No.	10105506
Compatible Products	GST-M200N Intelligent Fire Panel GST-IFP8 Intelligent Fire Panel

Accessories and Tools

Part No.:

Part No.:

Part No.:

Part No.:

Device name:

Product No .:

Device name:

Product No .:

Device name:

Product No.:

Device name:

Product No.:









P-9910B Handheld Programmer 10104894

GST-MBX22 Module Box 30208656

GST-MBX29 Module Box 30208657

D-93CT1 **Din-rail Module Transparent** Cover 1U 20103182



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