DI-9301E

Innovation Intelligent Input/Output Module

General

The DI-9301E is an intelligent, digital single input and relay output module. It communicates with the fire alarm control panel (CIE) via 2 wires using a digital protocol. The activation status of the relay is locally indicated for status verification.

Applications

Typical input applications include fire suppression devices, water flow indicators, pressure switches, position switches for doors and ventilation shafts, signal valves for extinguishing systems, or any device that is able to provide an ON/OFF signal. With its potential free, changeover relay output any suitable devices can be signalled to start or stop.

Details

- Supervised input
- Input support for normally open or normally closed contacts
- Input may be linked or separated from output
- Potential free, changeover relay output
- Electronically addressed
- Powered directly from the fire panel loop, no external power supply requirements
- LED status indication for activation and fault
- Din-Rail or surface mount support
- Ground fault detection support
- EN 54-18 approved and LPCB marked

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Technical specifications

General

Status indication	LEDs
Compatibility	GST DI-9000E systems
Addressing method	Electronic
Address range	1 or 2

Electrical

Power supply type	Loop powered
Operating voltage	24 VDC (16 to 28 VDC)
Current consumption	≤ 0.5 mA (Standby) ≤ 0.7 mA (Activated)

Input

Input quantity	1
Input type and rating	NO/NC Dry Contact, Supervised
Input states	Active, Fault, Normal
Termination resistor	4k7Ω

Output

Output quantity	1
Output type and rating	Potential free changeover (Form C), 2A @ 24 VDC

Physical

Physical dimensions	85.3 x 78.0 x 33.0 mm
Shipping weight	± 66.5 g
Colour	Traffic white (RAL9016)
Mounting type	DIN-rail, Surface mount
Material	ABS
Cable specification	≥1.0 mm²

Environmental

Vandal proof	No
Operating temperature	-10 to +55°C
Relative humidity	≤ 95%, non-condensing
Environment	Indoor
IP rating	IP20

Regulatory

Compliancy	CE, REACH, RoHS, WEEE
Certification	CPR
Standards	EN54:18 LPCB Marked

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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