

DI-9319E

S9000 Innovation intelligent zone monitor module

General

The DI-9319E is an intelligent, digital zone monitoring unit. It communicates with the fire alarm control panel (CIE) via 2 wires using a digital protocol

Operation

The DI-9319E is designed to connect with a zone of conventional detectors which is translated into one address on the addressable loop. Up to 30 conventional detectors (DC-9000E series or similar) may be connected to the zone. When any device in the zone reports an alarm, the DI-9319E transmits the signal to the CIE generating a standard fire alarm and processes the event accordingly as for any addressable fire alarm device.

A potential free change over relay on the DI-9319E activates automatically when an alarm is detected from the zone.



Details

- Fully supervises one conventional fire detection zone
- External supply supervision
- Potential free, changeover relay output following the zone activation status automatically
- Electronically addressed
- LED status indications for alarm and fault
- Din-Rail or surface mount support
- Ground fault detection support
- EN 54-18 approved and LPCB marked

DI-9319E

S9000 Innovation intelligent zone monitor module

Technical specifications

General

Status indication	LEDs
Compatibility	GST DI-9000E and DC-9000E systems
Addressing method	Electronic
Address range	1 address

Electrical

Power supply type	24 VDC
Operating voltage	Loop Power: 24 VDC (16 to 28 VDC) External Power: 24 VDC (20 to 28 VDC)
Current consumption	Loop Power: ≤0.5 mA (Standby), ≤0.5 mA (Activated) External Power: ≤10 mA (Standby), ≤60 mA (Activated)

Input

Input quantity	1
Input type and rating	Supervised conventional zone, 24 VDC nominal
Input states	Active, Normal, Open, Short
Supervisory voltage	24 VDC
Termination resistor	4k7 Ω

Output

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

Physical

Physical dimensions	85.3 x 78.0 x 33.0 mm
Shipping weight	±74.1 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%, noncondensing
Environment	Indoor
IP rating	IP20

Regulatory

Compliance	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.

Last updated on 13 May 2024 - 16:29