

Enclosure Door Contact Alarm



The Enclosure Door Contact Alarm is designed to mount within a telecom equipment cabinet and is a security device that helps alert network managers when the cabinet door has been opened. This device will provide 12VDC power to a cabinet door contact switch, or other actuation device. The status of this contact switch, either open or closed, can then be wired to a standard alarm input on a managed Ethernet switch, such as one of three Hardened Ethernet Switches offered by Transition Networks; SISPM1040-362-LRT, SISPM1040-384-LRT-C, or SISPM1040-582-LRT.

The EDCA-DIO-01 requires power and can be powered by the same power supply providing power to the Hardened Ethernet Switch via the 2-wire DC input port on the 6-pin terminal block. The 12 VDC Relay port is connected to the sensor or door contact closure switch while the ALARM out port is connected to the digital input port on the hardened Ethernet switch. The Ethernet switch will alert network managers when the cabinet door has a change in status.

Ordering Information

EDCA-DIO-01

Enclosure Door Contact Alarm

Optional Accessories (sold separately)

WMB-EDCA

Wall Mount Bracket for EDCA-DIO-01

22365

Magnetic Contact Alarm Switch

Features

- Wide input of 20 – 60 VDC
- Input is fused and reverse polarity protected
- Standard DIN Rail Clip is included
- A wall mount bracket is also available (sold separately)
- Will work with the cabinet door contact switch provided by your enclosure manufacturer
- A third party magnetic enclosure door contact switch is available (sold separately)
- Compatible for use with these Transition Hardened Ethernet Switches
 - SISPM1040-362-LRT
 - SISPM1040-384-LRT-C
 - SISPM1040-582-LRT
 - SISPM1040-3166-L
 - SISPM1040-3248-L

Specifications

Connector	6-pin Terminal Block
Status LED	PWR (Power): On = Power
Power Consumption	1.2 W (100mA at 12V out max.)
Power Input	20 - 60 VDC
Power Output	12 VDC +/- 10%
Dimensions	Width: 2" [50.8 mm] Depth: 0.88" [22.23 mm] Height: 2" [50.8 mm]
Weight	0.2 lbs. [0.09 kg]
MTBF	9,950,896 hours
Environment	Operating: -25°C to +75°C Storage: -40°C to +85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 - 10,000 ft.
Certifications	EN55032, EN55024, CE Mark
Warranty	Lifetime

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Lantronix:](#)

[EDCA-DIO-01](#)