KAL760

Kilsen Addressable Input Module - 1 Input

General

The KAL700 series modules consists of a complete range of interfaces developed for I/O control on Kisen addressable fire systems, housed in easy to install, IP55 housings. These modules allow the fire system to perform additional building management functions during fire situations. 125 I/O addresses are available on every fire panel loop in addition to 125 fire detector addresses.

Input Module

The KAL760 is an addressable, single input unit for Kisen addressable fire systems. It provides a remote input to the fire system loop that is constantly monitored for open and short circuit conditions. The input may be activated by closing a potential free contact.

Installation

The KAL700 Series is designed for surface mount installation. Addressing on the modules is done via easy to use DIP switches.

Applications

The KAL760 may be used to monitor both pre-alarm and alarm states of any potential free contact and report this status to the fire control panel e.g. the monitoring of pressure equipment, aspiration systems, flow switches, doors, etc.



Details

- EN54:18 and CPD certified
- Surface mount
- Easy addressing
- External or loop powered
- Local alarm and communications indication
- Normally open switch supervision
- Part of a family of I/O modules consisting of: -Conventional zone monitors -Digital input modules -Extinguishing control modules -Loop Isolators -Manual call points -Relay and supervised output units -Fire door controllers

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Technical specifications

General

Status indication	LED
Compatibility	Kilsen KL7A systems

Electrical

Power supply type	24 VDC
Operating voltage	22 to 38 VDC
Current consumption	Loop power: 750 µA (Quiescent) <3.6 mA (Active) External power: 110 µA @ 24 VDC from the loop (Quiescent) 135 µA @ 35 VDC from the loop (Quiescent) 200 µA (Quiescent) <10 mA (Active)

Input

Input quantity	1
Input type and rating	Supervised
Input states	Active, Normal, Open, Short
Pre-alarm resistor	100 kΩ
Alarm resistor	39 kΩ
Termination resistor	270 kΩ

Physical

Physical dimensions	150 x 110 x 70 mm
Net weight	370 g
Colour	Grey
Mounting type	19" rack, Surface mount
Cable entries	10

Environmental

Vandal proof	No
Operating temperature	-10 to +50°C
Storage temperature	-10 to +70°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor
IP rating	IP55

Regulatory

Compliancy	CE, REACH, RoHS 2, WEEE
Certification	CPR
Standards	EN54-18

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