# 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:<br>750 µA (Quiescent)<br><3.6 mA (Active)<br>External power:<br>110 µA @ 24 VDC from the loop (Quiescent)<br>135 µA @ 35 VDC from the loop (Quiescent)<br>200 µA (Quiescent)<br><10 mA (Active) |

### Input

| | |
|---|---|
| Input quantity | 1 |
| Input type and rating | Supervised |
| Input states | Ativo, Normal, Aberto, Curto |
| 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 | Grå |
| Mounting type | 19" stativ, Montagem em superfície |
| 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 | Indendør |
| IP rating | IP55 |

### Regulatory

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

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