

KAL760

700 Series Addressable Single Input Unit

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.



Standard Features

- 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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Specifications

| | |
|---|-------------------|
| Supply voltage | 22-38 VDC |
| Current consumption (External power) | |
| Quiescent @ 24 V | 110 μ A |
| Quiescent @ 35 V | 135 μ A |
| Alarm | < 10 mA |
| Aux. 24 VDC quiescent | 200 μ A |
| Aux. 24 VDC alarm | < 50 mA |
| Current consumption (Loop power) | |
| Standby | 750 μ A |
| Alarm | < 3.6 mA |
| Resistors | |
| End-of-line resistor | 270 kOhm |
| Pre-alarm | 100 kOhm |
| Alarm | 39 kOhm |
| Environmental | |
| Storage temperature | -10°C to +70°C |
| Operating temperature | -10°C to +50°C |
| Relative humidity (non-cond.) | 10-95 % |
| IP Rating | IP55 |
| Physical | |
| Dimensions (L x W x H) | 150 x 110 x 70 mm |
| Colour | Grey |
| Weight | 370 g |

Ordering Information

| Part No. | Description |
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