KAL730

700 Series Addressable Relay Unit - 1 Relay

General

The KAL700 series modules include a complete range of interfaces developed for I/O control on addressable fire systems running Kilsen protocol, 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.

KAL700 Relay Output Modules

The KAL730 provides 1 potential free relay output, the KAL734C provides 4 potential free relay outputs, to the addressable fire system loop. Every relay allows for COMMON, NORMALLY OPEN and NORMALLY CLOSED connections. These outputs may be used to activate ventilation control, door control, warning signs, activation of third party alarm devices etc., directly from the fire panel loop.
The KAL734C is powered from an external 24 VDC power source whilst the KAL730 is configurable for either loop or external power. A LED on every module indicates the alarm and communication status of the module locally. Every relay allows for COMMON, NORMALLY OPEN and NORMALLY CLOSED contacts.

Installation

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

Applications

The KAL730/KAL734C relay units are normally used to activate auxiliary alarm controls for third party applications such as ventilation control, door control, warning signs, activation of third party alarm devices etc., directly from the fire panel loop.

Standard Features

- EN54:18 and CPD certified
- Surface mount
- Easy addressing
- External or loop powered
- Local alarm and communications indication
- Normally open or closed operation for output
- 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	70 µA
Quiescent @ 35 V	100 µA
Alarm	< 3.5 mA
Aux. 24 VDC quiescent	22 mA
Aux. 24 VDC alarm	< 50 mA
Current consumption (Loop power)	
Standby	350 µA
Alarm	< 3.4 mA
Relay contact rating	0.5 A @ 42 VAC/0.5 A @ 30 VDC
Environmental	
Storage temperature	-10°C to +70°C
Operating temperature	-10°C to +50°C
Relative humidity (non-condencing)	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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