KAL734C

Kilsen Addressable Relay Output Module - 4 Outputs

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.



Details

- EN54:18 and CPD certified
- Surface mount
- Easy addressing
- Externally powered for reduced loop loading
- Local alarm and communications indication
- Normally open or closed operation for outputs
- 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	LEDs
Compatibility	Kilsen KL7A systems

Electrical

Power supply type	24 VDC
Operating voltage	22 to 38 VDC
Current consumption	110 µA @ 24 VDC from the loop (Quiescent) 135 µA @ 35 VDC from the loop (Quiescent) < 10 mA from the loop (Active) 100 µA external (Quiescent) < 10 mA external (Active)

Output

Output quantity	4
Output type and rating	Potential free, 0.5 A @ 30 VDC/50 VAC
Termination resistor	NA

Physical

Physical dimensions	190 x 140 x 70 mm
Net weight	835 g
Colour	Grey
Mounting type	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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