KAL740

Kilsen Addressable Supervised Relay Output Module - 1 Output

General

The KAL700 series modules include 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.

KAL700 Supervised Output Modules

The KAL740 allows for the control and supervision of a 24 VDC powered output on the fire system loop. It requires an external 24 VDC power source.

Installation

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

Applications

The KAL740 unit may be used to control sounders or switch any output considered crucial enough to have the cable integrity between the control unit and the activating unit continuously monitored. Easy configuration options make the unit fully programmable from the control panel and linked (or not) to the main sounder control functions on the user interface of the panel should the unit be used for sounder control.



Details

- EN54:18 approved and CPD certified
- Surface mount
- Externally powered
- Local alarm and communications indication
- Fully supervised 24 VDC 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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Technical specifications

General

Status indication	LED
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) < 3.6 mA from the loop (Active) 6 mA external (Quiescent) 9 mA external (Active)

Output

Output quantity	1
Output type and rating	Supervised, 0.5 A @ 42 VAC / 1A @ 30 VDC
Termination resistor	15 kΩ

Physical

Physical dimensions	150 x 110 x 70 mm
Net weight	370 g
Colour	Grå
Mounting type	Montage en surface
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

Compatible products

Category	Reference	Description
Interface unit	KAL710	Kilsen Addressable Zone Monitoring Units - 1 Zone
Interface unit	KAL714C	Kilsen Addressable Zone Monitoring Units - 4 Zones
Interface unit	KAL730	Kilsen Addressable Relay Output Module - 1 Output
Interface unit	KAL734C	Kilsen Addressable Relay Output Module - 4 Outputs
Interface unit	KAL760	Kilsen Addressable Input Module - 1 Input
Interface unit	KAL775	Loop Isolation Module

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