

KAL740

700 Series Addressable Supervised Relay Output Unit

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.



Standard Features

- 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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Specifications

Supply voltage	22-38 VDC
Current consumption (External power)	
Quiescent @ 24 V	110 μ A
Quiescent @ 35 V	135 μ A
Alarm	< 3.6 mA
Aux. 24 VDC quiescent	6 mA
Aux. 24 VDC alarm	9 mA + equipment
End-of-line resistor	15 kOhm
Relay contact rating	0.5 A @ 42 VAC / 1A @ 30 VDC
Environmental	
Storage temperature	-10°C to +70°C
Operating temperature	-10°C to +50°C
Relative humidity (non condensing)	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
KAL740	700 Series Addressable Supervised Relay Output Unit