

KAL790

Módulo direccionable para control de puertas cortafuegos

General

La serie de módulos KAL700 incluye una gama completa de interfaces para el control de entradas y salidas dentro de los sistemas de detección de fuego de GE Security de las gamas KSA700 y FP1500. Son fáciles de instalar y se suministran en carcasas IP55. Estos módulos permiten al sistema de incendios controlar las funciones básicas de un edificio en situaciones de incendio. Cada lazo de los paneles de incendio soporta hasta 125 direcciones para módulos de entrada/salida y hasta 125 direcciones de detectores de fuego.

Configuración

The KAL790 provides a remote input for monitoring of the fire door, together with a potential free relay output for door magnet control, directly on the fire system loop. The input is constantly monitored for status change whilst the output provides a fail-to-safe control for the fire door. A facility to monitor the auxiliary supply controlling the door magnet is included.

Instalación

Los módulos de la serie KAL700 están diseñados para su montaje superficial en la instalación. El direccionamiento de los mismos se realiza de manera fácil y rápida mediante DIP switches.

Aplicaciones

The KAL790 is intended for use on firebreak doors with hold-open door magnets. In case of an alarm, the fire panel instructs the unit to release the door magnet, whilst the input monitor ensures that the door is properly closed. In case of a power failure to the door magnet, the auxiliary supply monitor notifies the panel and an alarm is raised.

Having the control relay in fail-to-safe mode allows the relay to drop out in case of power failure to the unit, allowing the fire door to close normally and ensuring the integrity of fire area.



Características estándar

- EN54:18 and CPD certified
- Surface mount
- Easy addressing
- External or loop powered
- Local alarm and communications indication
- Fire door control and status monitoring
- 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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Especificaciones técnicas

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|--------------------------------------|----------------------|
| 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 powered) | |
| Standby | 350 μ A |
| Alarm | < 3.4 mA |
| End-of-line resistor | NA |
| Relay contact rating | 0.5A @ 30 VDC/50 VAC |
| Environmental | |
| Storage temperature | -10°C to +70°C |
| Operating temperature | -10°C to +50°C |
| Relative humidity (non-condensing) | 0-95 % |
| IP Rating | IP55 |
| Physical | |
| Dimensions (L x W x H) | 150 x 110 x 70 mm |
| Colour | Grey |
| Weight | 370 g |

Información para pedidos

| Referencias | Descripción |
|-------------|--|
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