



Retention Module - 1 Input / 1 Output

KAL490

Provides a remote input and a potential free voltage relay output to the fire system loop. The input signal is constantly monitored and its status displayed on the control panel, whilst the output is fail-to-safe. Auxiliary supply monitoring is also included.

The module is used to for e.g. control and monitor doors such as fire break doors. The relay provides the door activation and the input monitors the door status.

Specifications

Supply voltage	22-38 VDC
Current consumption	
Quiescent @ 24 V	110 A
Quiescent @ 35 V	135 A
Alarm	10 mA
Aux. 24 VDC quiescent	200 A
Aux. 24 VDC alarm	< 50 mA
End-of-line resistor	NA
Relay contact rating	1A @ 30 VAC/VDC
Environmental	
Storage temperature	-10 °C to +50°C
Operating temperature	-10 °C to +70°C
Relative humidity	95 % (non condensing)
Dimensions (L x W x H)	117 x 80 x 44 mm

Ordering Information

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- Easy numeric addressing
- Externally or loop powered
- Normally open / normally closed operation for I/O
- Surface mount
- Aesthetically pleasing
- Local status indication
- Part of family of I/O modules consisting of:
 - Conventional Zone Monitors
 - Digital Input Modules
 - Extinguishing Control Modules
 - Isolator Modules
 - Manual Call Points
 - Output Units
 - Retention Units
 - Supervised Output Units for sounder control

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