



KAL410

Conventional Zone Monitor Unit - 1 Zone

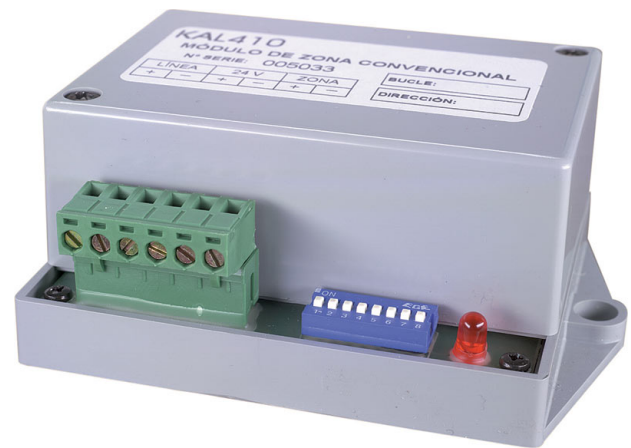
General

The KAL400 Series includes a complete range of interfaces developed for I/O control on KSA700/FP1500 analogue fire systems. They allow the fire system to perform building management functions during fire situations. Up to 125 I/O devices may be installed on every loop. All device addressing is done via easy to use DIP switches.

KAL400 Conventional Zone Monitors

The KAL410 allows for the connection of one or the KAL414, four conventional fire detector zones (or normally open contacts) to the KSA700/FP1500 analogue fire system loop. Up to 20 conventional devices may be connected to any zone.

The units provide power to the fire detector zone(s) from an external 24 VDC source, and digitally communicate the status of every zone to the fire panel. A LED on every module indicates the status of the zone locally.



Installation

The KAL400 Series have been designed for surface mount installation.

Applications

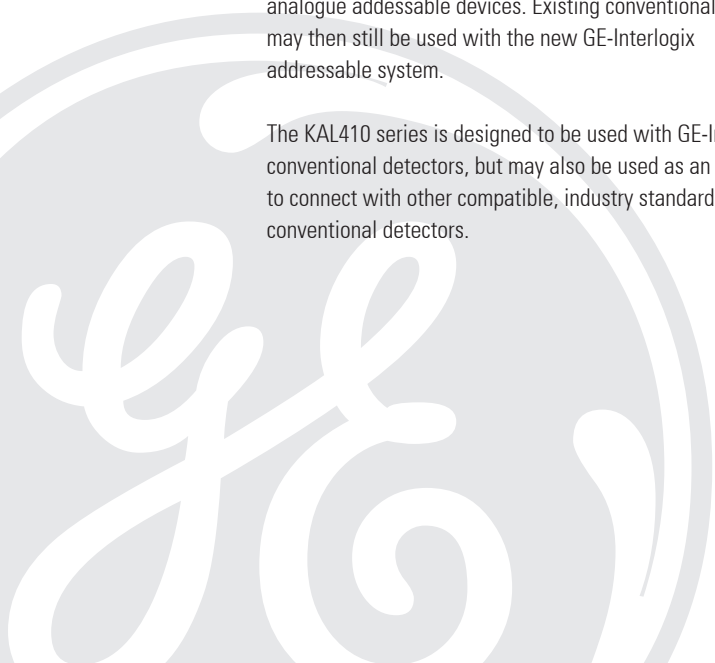
The KAL410 series zone monitoring units are normally used in situations where an area to be covered does not require any sub-divisions or does not require a particular point of recognition.

It may also be used for retro-fit situations where conventional systems are replaced by an analogue addressable system during a phased upgrade i.e. where not all conventional detectors are replaced immediately by analogue addressable devices. Existing conventional devices may then still be used with the new GE-Interlogix addressable system.

The KAL410 series is designed to be used with GE-Interlogix conventional detectors, but may also be used as an interface to connect with other compatible, industry standard, conventional detectors.

Standard Features

- Easy numeric addressing
- Continuous supervision of the conventional zones
- Surface mount
- Local alarm indication
- Externally or loop powered
- Aesthetically pleasing
- 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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Specifications

Supply voltage	22-38 VDC
Current consumption	
Quiescent @ 24 V	90 A
Quiescent @ 35 V	105 A
Alarm	< 3 mA
Aux. supply (24 VDC) quiescent	200 A + equip
Aux. supply (24 VDC) alarm	< 85 mA
End-of-line resistor	4.7 kohm
Relay contact rating	NA
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

Part No.	Description
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GE Security

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