



## KAL426C

### Extinguishing Control Module

#### General

The 400 Series modules consists of a complete range of interfaces developed for input and output control for the KSA700/FP1500 analogue fire systems of GE Interlogix. The KAL426 allows for the connection and control of one extinguishing area to the addressable fire panel loop. Up to 125 400-series devices may be installed on every loop. Device addressing is done via easy to use DIP switches.

#### Configuration

The KAL426 has 3 monitored input points and 3 monitored output points on board. All points have dedicated, pre-programmed functions such as controls for disabling the extinguishing, manual extinguishing activation and the monitoring of the gas levels in the bottles. The outputs are dedicated to solenoid activation and warning signs, indicating pre-warning and discharge warnings.

#### Application

The KAL426 provides all the necessary in and outputs to perform extinguishing control directly from the fire system loop. The unit feeds back all functions and operations of the module to panel.

#### Installation

The KAL426 is part of the GE-Interlogix KSA700/FP1500 series fire panels and cannot be used with any other system or in stand-alone mode.

The unit has two operating modes:

1. Automatic - it forms part of the fire system and is controlled from the fire panel. In this mode the fire panel programming will determine the pre-alarm, alarm and activation status of the unit.
2. Manual - the activation input of the unit is manually activated from an external input (normally a manual call point). The unit will activate the extinguishing controls under its own control.

24 VDC power to the KAL426 must be supplied from an external, battery backed-up source.



#### Standard Features

- Aesthetically pleasing
- Easy numeric addressing
- Externally powered
- Supervised I/O
- Surface mount
- 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

<b>Supply voltage</b>	22-38 VDC
<b>Current consumption</b>	
Quiescent @ 24 V	110 A
Quiescent @ 35 V	210 A
Alarm	< 10 mA
Aux. supply (24 VDC) quiescent	120 mA
Aux. supply (24 VDC) alarm	< 1 A
<b>End-of-line resistor</b>	4.7 kOhm
<b>Relay contact rating</b>	2½ A
<b>Environmental</b>	
Storage temperature	-10 °C to +50°C
Operating temperature	-10 °C to +70°C
Relative humidity	95 % (non condensing)
<b>Dimensions (L x W x H)</b>	163 x 107 x 36 mm

### Ordering Information

Part No.	Description
KAL426C	Extinguishing Control Module



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