The KAL760 is an addressable single input unit for KSA700/FP1500 fire systems. It provides a remote input to the fire system loop that is constantly monitored for open and short circuit conditions. The input may be activated by closing a potential free contact.

The KAL760 may be used to monitor both pre-alarm and alarm states of any potential free contact and report this status to the fire control panel e.g. the monitoring of pressure equipment, aspiration systems, flow switches, doors, etc.

Specifications

Supply voltage	22-38 VDC
Current consumption (External power)	
Quiescent @ 24 V	110 microA
Quiescent @ 35 V	135 microA
Alarm	< 10 mA
Aux. 24 VDC quiescent	200 microA
Aux. 24 VDC alarm	< 50 mA
Current consumption (Loop power)	
Standby	750 microA
Alarm	< 3.6 mA
Resistors	
End-of-line resistor	270 kOhm
Alarm	100 kOhm
Pre-alarm	39 kOhm
Environmental	
Storage temperature	-10°C to +70°C
Operating temperature	-10°C to +50°C
Relative humidity (non-cond.)	10-95 %
IP Rating	IP55
Physical	
Dimensions (L x W x H)	150 x 110 x 70 mm
Colour	Grey
Weight	370 g

- EN54:18 and CPD certified
- Surface mount
- Easy addressing
- External or loop powered
- Local alarm and communications indication
- Normally open switch supervision
- 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

Ordering Information

KAL760   700 Series Addressable Single Input Unit