



## **KAL450**

*Addressable Manual Call Point*

### **General**

The 400 Series modules consists of a complete range of interfaces developed for input/output control in the KSA700/FP1500 analogue fire systems from GE Interlogix. The KAL450 is an addressable manual call point for manual fire activation. Up to 125 400-Series devices may be installed on every loop. Device addressing is done via easy to use DIP switches.

### **Configuration**

The KAL450 provides a LED indication and manual test facilities. Accessories for surface and flush mounting are also available.

### **Application**

Manual call points are normally used as a user interface to an automatic fire detection system to create an alarm at a very early stage (possibly even before the fire system has detected the fire).

### **Installation**

The KAL450 is normally fixed on a wall at a height of 1.2 to 1.5 meters from the floor. They are used at emergency exit points and at strategic locations throughout a building so that the distance from any location in the building to the nearest manual call point never exceeds more than a certain distance. (Verify installation distances according to local regulations.)

Always ensure that the unit is clearly visible, identifiable and accessible.



### **Standard Features**

- **Easy numeric addressing**
- **Loop powered**
- **Local test facility**
- **Surface or flush 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
- **Wide range of accessories**

# KAL450

## Addressable Manual Call Point

### Specifications

<b>Supply voltage</b>	22-38 VDC
<b>Current consumption</b>	
Quiescent @ 24 V	90 A
Quiescent @ 35 V	120 A
Alarm	< 3.5 mA
Aux. supply (24 VDC) quiescent	NA
Aux. supply (24 VDC) alarm	NA
<b>End-of-line resistor</b>	NA
<b>Relay contact rating</b>	NA
<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>	87 x 87 x 20 mm

### Ordering Information

Part No.	Description
KAL450	Addressable Manual Call Point
DM715	EN54 universal glass for manual call point
DM780	Terminal tray for MCP
DM781	GS card
DM782	Hinged transparent MCP protection cover
DM783	BZB black bezel
DM784	Test key
DM785	Spacer box, red
DM787	Surface mounting box with connectors, red
DM788	Surface mount box without connectors, red
DM790	Flush mount cradle with connectors
DM795	Flush mount cradle, connectors & forkgrrips
DM798	Breakable seal for MCP
DM799	Terminal tray ETT/3 with bezel 3
DM800	Resettable element for MCP DM700/KAL450



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