KAL455
400 Series Addressable Manual Call Point

General

The KAL400 Series consists of a complete range of interfaces developed for input and output control in the KSA700 and FP1500 addressable fire systems from GE Security. The KAL455 is an addressable manual call point for manual fire activation. Up to 125 KAL400 series devices may be installed on every loop. Device addressing is done via easy to use DIP switches.

Configuration

The KAL455 provides an LED indication as well as manual test facilities. The LED may be configured to inciate communication with the fire panel as confirmation of proper operation. Accessories for flush mounting are available.

Application

Manual call points are normally used as a user interface to an automatic fire detection system. It allows the user a direct interface into the system, to create an alarm at a very early stage (possibly even before the fire system has detected the fire), or as a confirmation of a fire alarm.

Installation

The KAL455 is normally fixed on a wall at a height of 1.2 to 1.5 m from the floor. They are used at emergency exit points and at strategic locations thoughout 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).

Standard Features

- **Easy numeric addressing**
- **Loop powered**
- **Local test facility**
- **Surface or flush mount options**
- **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**
  -**Fire Door Controllers**
  -**Supervised Output Units for sounder control**

- **Wide range of accessories**

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Specifications

Supply voltage	22-35 VDC
Current consumption	
Quiescent	< 250 A
Alarm	< 2.5 mA
Environmental	
Operating temperature	-10°C to +70°C
Storage temperature	-20°C to +70°C
Operating humidity (non condensing)	10-95 %
Ingress Protection	IP24D
Physical	
Cable specification	0.8 to 2.5 mm²
Dimensions (L x W x H)	89 x 93 x 27.5 mm
Weight	187 g

Ordering Information

Part No.	Description
KAL455	400 Series Addressable Manual Call Point
DMN782	Hinged transparent MCP protection cover
DM790	Flush mount cradle with connectors
DM795	Flush mount cradle, connectors & forkgrips
DMN798	Breakable Seal for DM2010, DMN700, DMN900 and KAL455 Series Manual Call Points
DMN800	Resettable Element for DM2010, DMN700, DMN900 and KAL450 Series MCPs