

KAL455E

400 Series Addressable Weatherproof 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 KAL455E is an addressable manual call point for manual fire activation for outdoor use. Up to 125 KAL400 series devices may be installed on every loop. Device addressing is done via easy to use DIP switches.

Configuration

The KAL455E provides an LED indication as well as manual test facilities. The LED may be configured to initiate communication with the fire panel as confirmation of proper operation. Various accessories for all applications 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 KAL455E 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 outside a building (verify installation practices according to local regulations).



Standard Features

- Easy numeric addressing
- Loop powered
- Local test facility
- 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
 - Standard Manual Call Points
 - Output Units
 - Fire Door Controllers
 - Supervised Output Units
- Wide range of accessories
- Weatherproof

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Specifications

Supply voltage	22-35 VDC
Current consumption	
Quiescent	< 250 μ 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	IP67
Physical	
Cable specification	0.8 to 2.5 mm ²
Dimensions (L x W x H)	97.5 x 93 x 27.5 mm
Weight	187 g

Ordering Information

Part No.	Description
KAL455E	400 Series Addressable Weatherproof Manual Call Point
DMN782	Hinged transparent MCP protection cover
DMN798	Breakable Seal for Manual Call Points
DMN800	Resettable Element for Manual Call Point