KL700A Series Addressable Dual (Optical and Heat) Detector

KL735A

The KL735A is an addressable multi-criteria detector. It acts as a dual device (optical and heat detector) and has the ability to report fire alarms both as a standard smoke detector, or as a temperature sensor (Class A2R) - fixed temperature at 60°C with a rate-of-rise trigger should the temperature in the environment change faster than the pre-set limits.

The KL700A Series uses a microprocessor for measurement and communication. An enhanced protocol ensures the overall integrity and error free operation of the fire system, without compromising speed. All sensors are compatible with a standard base that makes them easily interchangeable and that supports the connection of a remote indicator.

Specifications

Operating voltage	22 to 38 VDC
Current consumption	
Quiescent @ 38 VDC	350 microA
In alarm	< 5 mA
Alarm indication (Dual LED)	Red
Remote alarm output	Available
Environment	
Storage temperature	-10°C to +70°C
Operating temperature	-10°C to +70°C
Humidity (non condencing)	95%
IP rating	IP42
Radioactive source	NA
Dimensions (h x Ø)	51 x 99 mm
Weight	109 g
Coverage	60 to 80 m²

Ordering Information

KL735A	KL700A Series Addressable Dual (Optical and Heat) Detector
KZ705	Kilsen KL700A Series Universal Fire Detector Base
KZ705I	Kilsen Addressable Fire Detector Base with Isolator
KZ715AS	Kilsen Addressable Fire Detector Base with Sounder
KZD705	Universal Detector Deep Base with Earth Connection
S700	Surface Mount Accessory for KZ700 and KZ705 Series Bases
PA25/3L	Low current remote LED indicator

- Remote signalling capabilities
- Fixed and Rate-of-Rise heat detectors
- Easy soft addressing (1-125)
- SMD technology
- Reliable communication protocol
- Full diagnostic self testing
- Full range: Ionisation, Optical and Heat and Duel sensors (optical/heat)
- Full range of supporting I/O units and accessories
- EN54 Approved