Integlex Multicrest ™
fire alarm system

FDLU009-FHA
FIXED TEMPERATURE HEAT DETECTOR

Features

- 57°C to 85°C (135°F to 185°F) Heat Sensor
- Low Profile
- Reliable Detection Technology
- LEDs for 360° viewing
- Ambient Temperature Listing of 0°C to 66°C (32°F to 150°F)

c (UL) us LISTED

Description

The Fixed Temperature Heat Detector (FDLU009-FHA) is an Analog/Addressable fixed temperature heat detector compatible with any fire alarm control panel of Integlex Multicrest series. The heat sensing portion utilizes a proven thermistor for accurate and reliable heat detection. The detector and base (not included) are made of a durable plastic in an eggshell white (off white) to blend in with the ceiling.

The FDLU009-FHA is UL and cUL listed with a selectable fixed temperature point from 57°C to 85°C (135°F to 185°F). This broad range allows the installer to cover a wide variety of applications with a single unit.

The FDLU009-FHA has two LEDs that allow for 360° viewing. The detector is compatible with any of the Nohmi bases and simply twists on. The FDLU009-FHA is addressed using the hand held programmer or the control panel addressing function.

Ordering Information

Model no. FDLU009-FHA

Spacing

The FDLU009-FHA spacing is dependent on the alarm set-point. The unit is listed from 57°C to 85°C (135°F to 185°F).
However as the temperature setting increases, the spacing decreases.

No.	Alarm set-point	Spacing
1	57°C to 76°C (135°F to 170°F)	Max. 15.2m (50 feet)
2	77°C to 79°C (171°F to 174°F)	Max. 4.5 m (15 feet)
3	80°C to 85°C (175°F to 185°F)	Max. 4.5m (15 feet)

Specifications

No.	Item	Specification	
1	Working voltage range	22.0 to 24.0V	
2	Standby current	250 µA	
3	Alarm indicator	2 LEDs	
4	Alarm indicator current	1.2 mA D.C.	
5	Alarm set-point range	57°C to 79°C (135°F to 174°F)	80°C to 85°C (175°F to 185°F)
6	Installation temperature range	0°C to 38°C (32°F to 100°F)	0°C to 66°C (32°F to 150°F)
7	Operating relative humidity range	0% to 93% (Non-condensing)	
8	Start-up time	Max. 1 sec.	
9	Color	Eggshell White	
10	Weight (without base)	73g (2.57 oz)	
11	Dimensions (without base)	Height: 38mm (1.50 inch) Diameter: 99mm (4.0 inches)	

Setting the Address

Each addressable module, smoke detector, heat detector and combination detector must have the address set before connecting the device to the Signaling Line Circuit (SLC) loop. The address is set using the hand held device programmer or the addressing feature on the control panel.
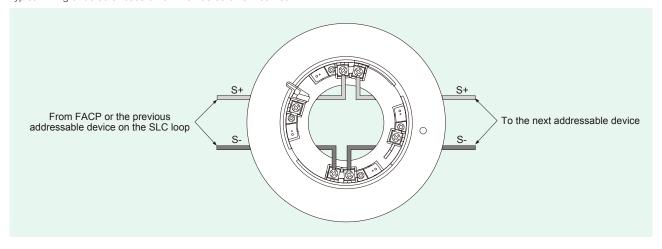
NOHMI
NOHMI BOSAI LTD.

Compatible Bases

All bases will mount on a single gang, double gang, octagon, 4 inches square or mud ring electrical box.

No.	Device	Description
1	FZBU004-AB4	4 inches Standard Base
2	FZBU003-AB6	6 inches Standard Base
3	FZBU005-AIB	6 inches base that as an isolator module included. The base is pre-wired with a pluggable jumper to the module.
4	FZBU005-ARB	6 inches base that includes a dual relay module. One relay is rated for 8 amps at 240 VAC/30 VDC and the second is rated for 2 amps at 240 VAC/30 VDC. The base is pre-wired with a pluggable jumper to the module.
5	FZBU005-ASB	6 inches base with sounder module included. Sound pattern is provided from external source. The base is pre-wired with a pluggable jumper into the module.

Wiring Diagram

Typical wiring of detector base onto which detector is mounted.

From FACP or the previous addressable device on the SLC loop

S+

S-

To the next addressable device

S+

S-

NOTICE

- These instructions do not purport to cover all the details or variations in the equipment described, not provide for every possible contingency to be met in connection with installation, operation and maintenance.
- Specifications are subject to change without notice. Contact Nohmi before relying on above specifications.
- Actual performance is based on proper application of the product by a qualified professional.
- Should further information be desired or should particular problems arise, which are not covered sufficiently for the purchaser's purpose, the matter should be referred to Nohmi or a distributor in your region.

Contact