



## DA813 ADDRESSABLE COMBINED DEDECTOR WITH INSULATOR

The DA813 Addressable Combined detector with insulator is designed to detect the smoke and heat that occur caused by the fire in the environment and transmit the detection information to the control panel. The DA813 addressable combined detector performs self-calibration interactively and confirms the occurrence of an alarm three times by its ability to eliminate false alarms. It creates an alarm signal by making decision interactively with the panel. In addition, in case of a short circuit in the loop line, it isolates the next part of the line by the internal isolator. In this way, other devices keep operating normally, except for the short-circuited part. Since it can detect both smoke and heat, it is aware of slow-starting fires or a sudden increase in temperature, and report them to the control panel. DA813 is programmed by the RB1201 and address information is stored in its permanent memory.



### TECHNICAL SPECIFICATIONS

|                        |                                           |
|------------------------|-------------------------------------------|
| Loop Operating Voltage | :16 - 30 VDC                              |
| Loop Operating Current | :<600µA @ 24 VDC (average with Led blink) |
| Maximum Alarm Current  | :<7 mA @ 24 VDC (included Led blink)      |
| Sensitivity            | :0,165 dB/m                               |

### ENVIRONMENTAL SPECIFICATIONS

|                       |                                              |
|-----------------------|----------------------------------------------|
| Humidity              | :10% - 93% Relative Humidity, Non-condensing |
| Class                 | : A1                                         |
| Operating Temperature | : -10°C - 50°C                               |

### MECHANICAL SPECIFICATIONS

|          |                     |
|----------|---------------------|
| Height   | : 44 mm (with base) |
| Diameter | : 100 mm            |
| Weight   | : 110 grams         |

### GENERAL FEATURES

- Durable and aesthetic ABS plastic case
- Microprocessor based design
- Double sided light path indicator
- Self calibration
- Eliminate false alarms
- Internal insulator
- Led indicator output
- 65° C constant temperature
- Programmable by RB1201 address programmer
- Programmable address information in permanent memory
- EN54-5/7/17 certified

