



Addressable heat sensor with isolator

A50HI



ADDRESSABLE SYSTEM



Addressable Heat Sensor with isolator

The A50 family of detectors are based on a new refined aesthetic that integrates the latest electronic technology with new, more efficient detection algorithms and a three-dimensional design that makes it more robust against environmental dirt.

The A50 family allows multiple combinations between smoke and heat detection, CO sensor and short-circuit isolator with UL certification.

The A50HI model is a detector that has a heat sensor. It also incorporates a short circuit isolator.

The heat sensor has thermovelocimetric behaviour, reaching alarm status with a static temperature of 60°C in the case of slow fire developments.

Features:

- Heat sensor.
- Short-circuit isolator incorporated.
- Low profile, total height less than 42 mm (including low base).
- Also available with high base for 20 mm tube.
- Possibility of connection to a remote action indicator.
- Easy connection (and A50S without polarity).
- Bi-color red and yellow LED.
- Indication, by means of the red LED, of the communication with the control panel (single flashing), as well as of the alarm status (LED on).
- Indication, by means of the yellow led (single flash), of the activation of the short-circuit isolator or the lack of communication with the control panel.
- Easy installation of head and base, interchangeable throughout the A50 family, and made of white heat-resistant ABS.
- UL certificate according to Standard EN 54-5 class A2R and EN 54-17 with CE marking according to the European Regulation on Construction Products (EU) No. 305/2011.

| TECHNICAL FEATURES | |
|-------------------------|----------------------|
| Power supply | 24 - 35V |
| Standby current | 300µA |
| Alarm current | 2mA |
| Activation signal | Red light |
| Remote indicator output | Yes |
| Humidity | 20 - 95%RH |
| Application temperature | -10°C - +50°C |
| Storage temperature | -10°C - +55°C |
| Operative temperature | -10°C - +75°C |
| Sensitivity | EN 54-5 category A2R |
| IP protection | IP20 |

