



# C50SH

## CONVENTIONAL SMOKE AND HEAT DETECTOR

### Conventional smoke and heat detector certified EN 54-5 and EN 54-7

#### Conventional smoke and Heat detector

The C50 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 C50 family allows multiple combinations between smoke and heat detection.

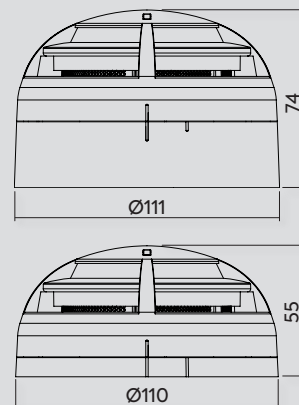
The C50SH model is a detector with two different types of sensors: An smoke sensor and a heat sensor.

The smoke sensor is specially designed to detect the presence of combustion aerosols in a three-dimensional design that makes it more robust against dirt.

Regarding heat sensor, it allows the thermovelocimetric response of the detector, reaching the alarm status with a static temperature of 60°C in the case of slow fire developments.

#### FEATURES

- Smoke and heat sensor.
- Low profile, total height less than 55 mm (including low base).
- Also available with high base for 20 mm tube.
- Possibility of connection to a remote action indicator.
- Easy connection, without polarity.
- Red LED on to indicate its alarm status.
- Standby status signalled by simple flashing of the red led every 10 seconds.
- High level of dirt status signalled by double flashing of the red LED every 10 seconds.
- Easy installation of head and plinth, interchangeable throughout the C50 family, and made of white heat-resistant ABS.
- Certified by AENOR according to Standard EN 54-5 class A2R and EN 54-7 with CE marking according to the European Regulation on Construction Products (EU) N° 2024/3110.



#### TECHNICAL FEATURES

|                   |                                     |                                     |                                   |
|-------------------|-------------------------------------|-------------------------------------|-----------------------------------|
| Power supply      | 12-30V without polarity             | Humidity                            | 20 - 95%RH                        |
| Standby current   | 35µA (at 18V)                       | Operative temperature               | -10°C - +50°C                     |
| Alarm current     | 30mA (at 18V)                       | Storage temperature                 | -10°C - +55°C                     |
| Activation signal | Red light                           | Sensitivity                         | EN 54-7/EN 54-5 Class A2R         |
| Remote indicator  | Yes                                 | IP protection                       | IP20                              |
|                   |                                     | Coverage according with ISO 7240-14 | 7,2m (radius) / 100m2             |
| Coverage area     | 104m² (subject to local regulation) | Installation height                 | 15m (subject to local regulation) |