C50T / C50TB

CONVENTIONAL TEMPERATURE DETECTOR

Conventional temperature detector certified EN 54-5

Conventional temperature 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.

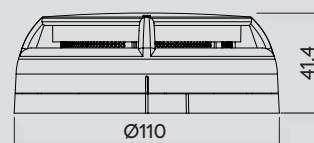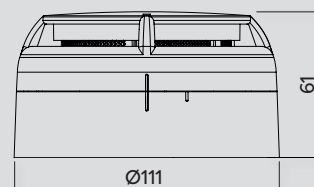The C50 family allows multiple combinations between smoke and heat detection.

The C50T and C50TB models are detectors with a temperature sensor.

The temperature sensor of C50T is set to reach the alarm status with a static ambient temperature of 60°C.

In certain circumstances, the premises or building may require detectors that go into alarm status at a temperature higher than normal. In this case, the C50TB temperature sensor responds according to the ambient temperature, reaching the alarm status when the static temperature is 70°C in the case of slow fire developments.

FEATURES

- Heat sensor.
- 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, without polarity.
- Red LED on to indicate its alarm status.
- Easy installation of head and base, interchangeable throughout the C50 family, and made of white heat-resistant ABS.
- Certified by AENOR according to Standard EN 54-5 class A2 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 54–5 Class A2
Remote indicator	Si	IP protection	IP20
Coverage area	52m² (subject to local regulation)	Installation height	6m (subject to local regulation)

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