

Thermal Detector FC650/T



- **Adressable conventional technology**
- **Operation as 57°C rate-of-rise detector or 78°C maximum heat detector**
- **Configuration and status request with Programming Unit FI700/PU**
- **Optional connection of remote indicator**
- **Function testable with magnet**



Description

The Thermal Detector FC650/T can be set to the Classes A1R and BS according to EN 54-5, using the Programming Unit FI700/PU. Prior to delivery, the detector has already been preset as

- Thermal Rate-of-rise Detector **FC650/TDIFF/57** – it responds to a sudden rise in temperature as well as to a maximum temperature of 57°C – or
- Thermal Max Detector **FC650/TMAX/78** with an alarm temperature of 78°C.

Conventional technology is used for alarm transmission to the fire detection control panel. The optional Address Module NG58-1 allows individual detector identification.

An LED with 360° visibility indicates the activated condition of the detector. In addition, a remote indicator can also be connected.

By means of the Programming Unit FI700/PU, the function of the detector LED in normal condition can be determined and detector-specific parameters such as the production date can be read out.

When set to Class A1R, the detector can be used up to a room height of 7.5m, with the Class BS setting it can be used up to a room height of 6m. Several types of detector bases are available to facilitate quick and easy installation. All bases are equipped with a mechanical theft protection.

A detector function test can be conveniently conducted using a magnet.

Specifications

Operating voltage	Supply through the detector line voltage
Current consumption	typ. 90µA (quiescent)
Ambient temperature	-30°C to +70°C
Relative humidity	max. 95% (no condensation)
Dimensions Ø × H (without base)	106 × 46 (mm)
Colour	white
Weight	80g
Approvals	VdS G210151 LPCB 928d/02 2831-CPR-F4291



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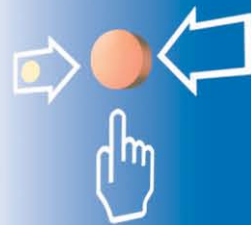


Thermal rate-of-rise detector 57°C

Alarm temperature	57°C (maximum-heat component)
Application temperature	max. +50°C
Order number	242072
Order name	Thermal RoR Detector/650/A1R FC650/TDIFF/57

Thermal max detector 78°C

Alarm temperature	78°C
Application temperature	max. +65°C
Order number	242073
Order name	Thermal Max Detector/650/BS FC650/TMAX/78



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