

TFD-4245

Conventional Rate of Rise Heat Detector

TFD-4245 Conventional rate of rise heat detector designed to detect rapid temperature rise by using 2 NTCs to make an accurate measurement in the environment. Detector supports different special software algorithms to prevent false alarms.

General Features

- LPCB Approved
- EN54-5 Certified, CE and UKCA Listed
- Designed with 2 NTCs to Ensure More Accurate and Precise Temperature Measurement
- Classified as A2R
- Supports 2x LED Indicators Enables 360° view
- Two Different Colors of Indication by LEDs to Individually Display Error and Alarm Conditions (Blue/Red)
- Supports Parallel Indicator Connection Terminals
- Aesthetic and Elegant Design Fits any Environment
- Compatible with any Brand of Conventional Fire Panel



EN 54-5

Technical Specifications

	TFD-4245
Power Input	18V(min) – 30V(max)
Average Current Consumption	30uA (@24V)
Maximum Alarm Current	50mA (@24V) – (470ohm resistance limited)
Maximum External Device Current	10mA (@24V) – (2K2 resistance limited)
Operating Temperature Range	-10°C ~ +55°C (14°F ~ 131°F)
Humidity	95% RH (max)
Dimensions (mm)	Ø110, h42
Housing Material	White Color, ABS Plastic
Used Cable Cut	0.4mm ² ~ 1.5mm ²
Weight (incl. Base / excluding base)	183 gr / 125 gr
Startup Time	15 sec

