

Rate-of-Rise Heat Detector 52051RE

Description

The 200 Series Advanced intelligent thermal sensors are plug-in type fire sensors that use a single thermistor sensing circuit to provide early warning of developing fires, together with addressable communication with the fire panel.

The 52051RE / 52051REI provides fixed 58oC and rate-of-rise (10oC/minute) temperature sensing (Class A1R).

These sensors are designed for open area protection and must only be connected to control panels that use a compatible proprietary communication protocol for monitoring and control.

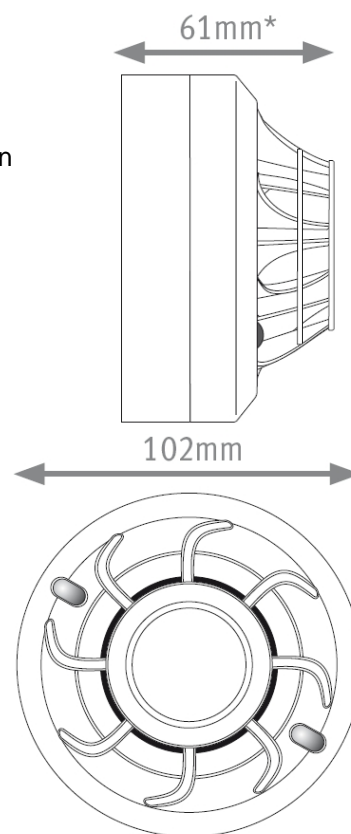
Two LEDs on each sensor light to provide a local 360° visible sensor indication (operation of LEDs are dependent on panel).

Remote LED indicator capability is available as an optional accessory wired to the standard base terminals (again dependent on panel).



Technical Data

Operating Voltage:	15V to 32V DC
Max. Standby Current (no comm.):	160 µA @ 24 V DC no Communication 300 µA @ 24 V DC with Communication
Max. Alarm Current (LED on):	add 3.5 mA @ 24 V and 25°C
Remote Output Voltage	22,5V DC
Remote Output Current	10,8 mA
Temperature Range:	- 30C to + 70°C
Humidity:	93 % (non-condensing)
Height:	61mm installed in B501AP base
Diameter:	102mm installed in B501AP base
Material:	PC, ABS, Colour ivory
Weight:	88g incl. base
Protection Class:	IP40 (IP42 with wet base WB1)
European Standard:	EN 54-5: 2000 Class A1R
Approvals:	VdS G 209024 LPCB: 199n Issue No. 16 BOSEC: TCC 2-K 829



Order Details

Description	Part-No.	Remarks
Rate-of-Rise Heat Detector 52051E-IV	K0 245 756 6	
Base B501 AP	K0 245 759 6	
Wet Base WB1	On request	