



5251EM, 5251HTEM & 5251REM THERMAL SENSORS

SPECIFICATIONS

Response Classification

5251EM	Class A1S
5251REM	Class A1R
5251HTEM	Class BS

Electrical

Operating Voltage Range	15 to 32VDC
Maximum Standby Current	200µA at 24VDC (no communications)
Maximum Average Standby Current	300µA (One Communication each 5 seconds with LED blink enabled)
Maximum Alarm Current (LED On)	7mA at 24VDC

Environmental

Operating Temperature Range	-30°C to 80°C
Humidity	10 to 93% Relative Humidity (non-condensing)

Mechanical

Height	51mm installed in B501 base
Diameter	102mm installed in B501 base
Weight	102g
Max Wire Gauge for Terminals	2.5mm ²
Colour	Pantone Warm Grey 1C
Material	Bayblend FR110

Product Range

Compatible Bases	B501, B501DG, B524IEFT, B524IE, B524RLY
Other Devices in range	Refer to other Series200 <i>plus</i> datasheets

Notes:

1. For Class A1S and A1R Sensors maximum ambient temperature should not exceed 45°C to avoid unwanted alarm conditions being triggered.
2. For Class BS Sensor maximum ambient temperature should not exceed 68°C to avoid unwanted alarm conditions being triggered.