

## Intelligent Sealed Thermal

### 5251B-WP Thermal Detector

#### General

The Honeywell 5251B-WP intelligent addressable heat sensor utilises a state-of-the-art thermistor sensing circuit for fast response.

Available in Fixed Temperature and Rate-of-Rise sensors are sealed against the entry of moisture to a rating of IP67.

The LED will latch on when the detector is in alarm. The sensor address can be set from 1 to 99 before installing.

Model 5251B-WP is a Type A2 fixed temperature heat sensor with 63°C fixed temperature alarm setting.

Model 5251-WP is a Type A2R rate-of-rise heat sensor with 63°C fixed temperature alarm setting

#### Features

- IP67 rating
- Dual LED's for 360° visibility
- Fitted with flying leads
- Easy mount base
- Sleek, low-profile design
- Addressable-analog communication
- Stable communication technique with noise immunity
- Low standby current
- Fitted with tamper resistant feature
- Base may be surface mounted or to a 50mm or 60mm junction box
- Remote test feature from the panel
- Optional relay, isolator, and sounder bases



#### Approvals

Approved to AS 7240:5-2007  
Listed by SAI Global  
Certificate No: SMKH25312

## Specifications:

Fixed Temperature Rating:	63°C
Sensitivity Rate-of-Rise:	63°C or an increase of greater than 8.3°C/min.
Operating Voltage Range:	15 VDC to 32 VDC Peak
Standby Current:	300 µA @ 24 VDC (one communication every 5 seconds with LED blink enabled).
Maximum Alarm Current (LED On):	6.5 mA @ 24 VDC.
Operating Humidity Range:	10% to 90% Relative humidity (Noncondensing).
Installation Temperature Range:	-20° C to 50° C.
IP Rating:	IP67
Height:	51 mm installed in B501 base.
Diameter:	104 mm installed in B501A base.

## Ordering Information

5251B-WP: Weatherproof Thermal Fixed Sensor  
5251-WP: Weatherproof Thermal Rate-of-Rise Sensor  
CP500: Hand Held Programmer

This document is not intended for installation purposes.  
Honeywell Security try to keep our product information up-to-date and accurate.  
We cannot cover all specific applications or anticipate all requirements.  
All specifications are subject to change without notice

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