

5151AUS SERIES

Thermal Detectors



Conventional Initiating Devices

General

The Notifier 5151AUS Series of conventional heat/thermal detectors has been designed specifically for the Australian and New Zealand markets using thermistor sensing technology to provide reliable detection of heat which would only be caused by a fire emergency.

These detectors feature dual red LEDs and mounting base interchangeability with Notifier's photoelectric smoke detectors.

Model **5151RAUS** is a low temperature heat detector featuring both fixed temperature and rate-of-rise operation for use in areas below 50°C without rapid temperature increases.

Model **5151AUS** is a low temperature heat detector featuring fixed temperature operation for use in areas below 50°C where rapid temperature changes may occur.

Model **5151RHAUS** is a high temperature heat detector featuring both fixed temperature and rate-of-rise operation for use in areas below 80°C without rapid temperature increases.

Model **5151HAUS** is a high temperature heat detector featuring fixed temperature operation for use in areas below 80°C where temperature changes may occur.



Features

- Provides fixed point and/or rate of rise operation.
- Available in low temperature (63°C) or high temperature (90°C).
- Compatible with 100 and 400 series products.
- Dual LED design provides 360° viewing angle.
- Thermistor sensing technology.
- Uses universal B401 plug in base.
- Low profile.
- Built-in functional test switch activated by external magnet.
- 12/24VDC operation.

Approvals

SAI GLocal listed to AS7240.5-2004 Classes 'A2R', 'A2', 'CR' and 'C'.

Specifications

Operating Voltage:	8.5VDC to 35VDC
Standby Current:	30µA
Maximum Current Consumption:	10mA (Min) 130mA (Max) Must be limited by control panel.
Operating Temperature Range:	
5151RAUS and 5151AUS	-10°C to 50°C
5151RHAUS and 5151HAUS	-10°C to 80°C
Operating Humidity Range:	95% RH non-condensing (Max)
Fixed Temperature Set Points:	
5151RAUS and 5151AUS	63°C
5151RHAUS and 5151HAUS	90°C
Sensitivity Rate-of-Rise:	Increase in excess of 8.0°C/min
Latching Alarm:	Reset by momentary power interruption

Ordering Information

FG-02-020	5151RAUS - Rate of Rise, 63°C
FG-02-021	5151AUS - Fixed Temp, 63°C
FG-02-022	5151HRAUS - Rate of Rise, 90°C
FG-02-023	5151HAUS - Fixed Temp, 90°C
FG-01-059	B401 Universal Base

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www.notifier.com.au