FST-851-WP & FST-851R-WP
Weatherproof Intelligent Heat Sensors

NOTIFIER® by Honeywell

Intelligent/Addressable Devices

General

Models FST-851-WP and FST-851R-WP are intelligent addressable heat sensors that utilise 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 159 before installing.

Model FST-851-WP is a Type A2 fixed temperature heat sensor with 63°C fixed temperature alarm setting.

Model FST-851R-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.



- Walk test with unique address display.
- Built-in functional test switch activated by external magnet.

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 (Non-condensing).
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

FG-03-009	FST-851-WP Weatherproof FlashScan Thermal Fixed Sensor
FG-03-010	FST-851R-WP Weatherproof FlashScan Thermal Rate-of-Rise Sensor
FG-01-077	CP500 Hand Held Programmer

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