

# EIB408RFH - Wireless Heat Detector

## 10-Year Lithium Battery Powered Wireless Connectivity

### Key Features

- Designed for use with RadioLINK smoke alarms, bases and accessories
- Low battery power warning
- Visual RF transmission and power indicator
- Accepted hard-wired switched input (e.g. roof space heat sensors)
- Integrated test switch
- RF performance to EN 300220-3 and AS/NZS4268
- 5 Year Guarantee (limited)



### Technical Specification

<b>Power Supply:</b>	Lithium battery (non-removable)
<b>Interconnect:</b>	Up to 12 RadioLINK units
<b>Input:</b>	Volt-free switched inputs
<b>RF Frequency:</b>	926MHz band (1% duty cycle)
<b>RF Power:</b>	+5dBm
<b>Power Indicator:</b>	Green indicator flash every 40 seconds
<b>Low Battery Indicator:</b>	Amber indicator flash every 10 seconds
<b>Temperature Range:</b>	60°C
<b>Humidity Range:</b>	0% to 95% R.H.
<b>Dimensions:</b>	88mm x 88mm x 50mm
<b>Weight:</b>	180g
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	AS/NZS4268 Manufactured to ISO 9001:2000 quality standards

### Compatibility

Note: For full specification and limitation for use refer to the specific product data sheet

### Product Description

The EIB408RFH is a battery powered RadioLINK module that accepts an input from the built in 60°C heat switch or the test switch. The input may also be connected to any unlimited number of Brooks heat sensors type HS80 for roof space applications.

EIB408RFH can be used as a standalone RadioLINK 60°C fixed temperature heat detector or as an interface to the roof space heat sensors HS80.

The EIB408RFH can be connected to any number of HS80s fitted in a roof space as long as cable length is less than 20m (refer to Roof Space Kit Technical datasheet). If any of the heat sensors activates, the input of EIB408RFH will activate and transmit a RadioLINK alarm signal.

On receiving a hard-wired signal from HS80 or the internal 60°C heat sensor, the unit will transmit a RadioLINK alarm signal to trigger all other RadioLINK alarms/bases in the system.

When the switched hard-wired signal ceases and switches back to its normal standby condition, the unit will cease sending out a RadioLINK alarm signal.

The EIB408RFH uses advanced transceiver and signal coding technology to ensure robust and reliable RF signaling. It also has a house-code feature that allows a system of RadioLINK units to be coded together to prevent interference with neighbouring systems.

It is powered by a non-removable lithium battery which is designed to last the life of the module. The battery is monitored and an end of life indication is given when the battery is depleted.

Pressing the test switch on EIB408RFH will test the integrity of the external wiring to the roof space sensors and cause the EIB408RFH to transmit a RadioLINK alarm signal, also testing the wireless connection to other RadioLINK alarms and bases.

Due to continual product development, Brooks reserve the right to alter product details and specifications without prior notice.

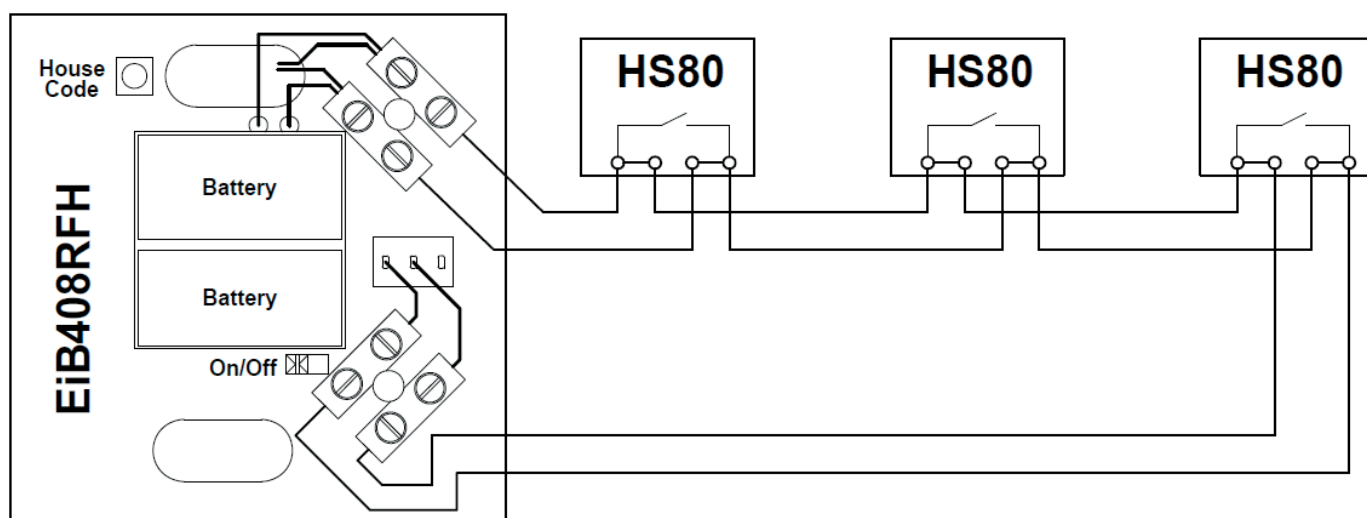
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## Connection Diagram



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