

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 from roof space heat sensors
- Integrated test switch
- RF performance to AS/NZS4268
- 5 Year Guarantee (limited)



Technical Specification

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

Product Description

The EIB408RFH is a battery powered RadioLINK module that accepts an input from roof space heat switches or the test switch. The input may also be connected to a number of Brooks heat sensors type HS80V2 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 HS80V2.

The EIB408RFH can be connected to any number of HS80V2 fitted in a roof space as long as the 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 HS80V2 or the integrated 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.

Compatibility

Wireless: EIB450, EIB411RF, EIB413, EIB170RFAU, EIB408RF, EIB408RFH, EIB428RF, EIB407RF, EIB168RC, EIB3000MRF, EIB100MRF, EIB600MRF, EIB605MRF, EIB420RF

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

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

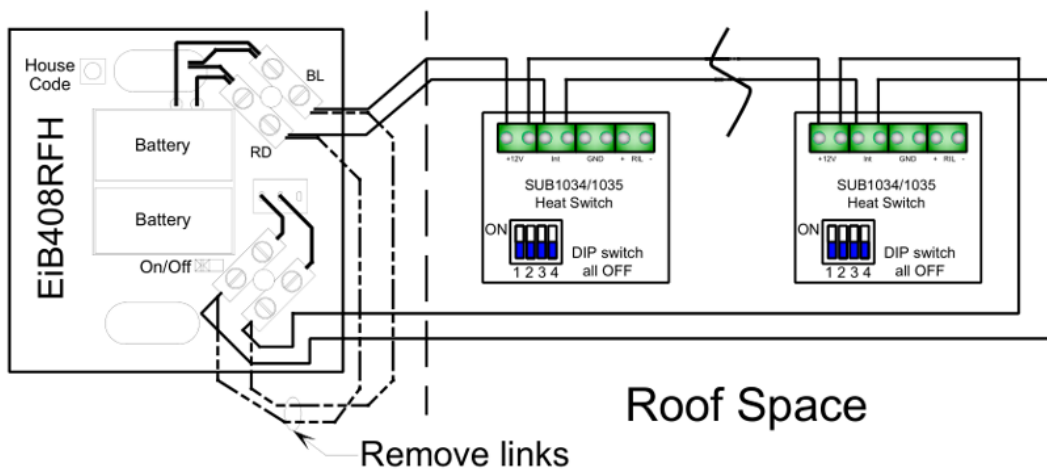
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Connection Diagram



EIB408RFH - Heat Detector