

Smoke Alarm Accessories

RadioLINK Alarm Interface Module

Model EIB420RF

- Stand-alone unit designed for use with RadioLINK bases and accessories
- Multiple Repeater RF signaling
- Hard-wired input for Brooks mains powered alarms (eg. TL Series alarms)
- Cover to allow remote siting
- Unique House-Coding
- Visual RF transmission and power indicators
- Mains powered with built-in rechargeable Lithium back-up
- RF performance to EN 300220-3
- EMC performance to EN 301489-3
- 5 year limited guarantee
- Complies with AS4268-2003



Product Description

The EIB420RF is a RadioLINK alarm interface module which can be hard-wired to the TL Series – smoke/heat alarms to allow it to be integrated into a RadioLINK system and used as a standalone RadioLINK repeater module.

The EIB420RF has inputs for interconnect wiring and will send out a RadioLINK signal if it receives a hard-wired signal input. Additionally, if the EIB420RF receives a RadioLINK signal it will output a hard-wired signal on the interconnect line. This application allows the integration of the TL Series into the versatile RadioLINK range of alarms.

The EIB420RF can also be used as a stand-alone RadioLINK repeater module in installations that require additional signal coverage but where the installation of an additional alarm may not be suitable.

Operation

- On receiving a hard-wired signal, the unit will transmit an equivalent RadioLINK signal.
- On receiving a RadioLINK signal, the unit will send out an equivalent hard-wired signal on the interconnect line.
- Received RadioLINK signals will be re-transmitted - increasing the possible number of barriers penetrated by the signal and contributing to multiple signal paths throughout the system.
- The unit can be House-Coded by activating the House - Code switch. The indicator will flash red to indicate the number of units ! "learned".
- The indicator will illuminate green to show that mains power is present (this is overridden by any red flashes).
- If the rechargeable back-up is depleted, the indicator will flash red every 10 seconds.



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Web: **AUS** - www.brooks.com.au **NZ** - www.brooks.co.nz

Technical Specification

Supply Voltage: 230V AC, 50Hz
Battery Back-up: Rechargeable Lithium cells
Interconnect: RadioLINK - Up to 30
Contact Brooks for further information.
 RadioLINK units Hard-wired - Up to 12 EIB261EN
RF Signal Range¹: 150 meters in free space
RF Frequency: 926MHz band (1% duty cycle)
RF Power: +5dBm

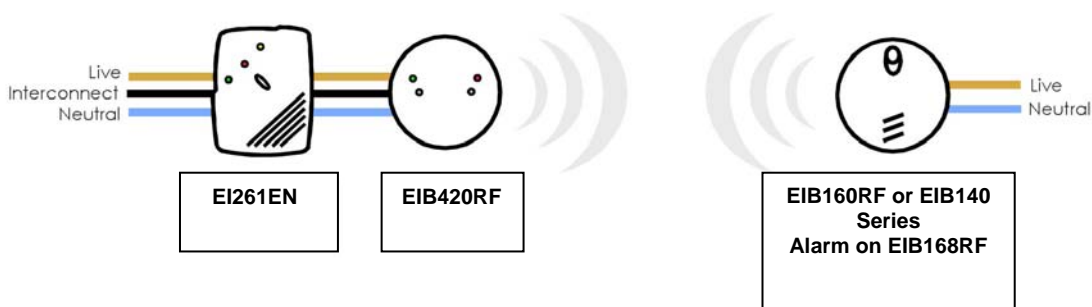
Power Indicator: Green (constant) – power on
 Red (flashing) – low battery
Temperature Range: 0°C to 40°C
Humidity Range: 0% to 95% R.H.
Dimensions: 140mm x 26mm
Weight: 180g
Guarantee: 5 year (limited)
Approvals: RF performance to EN300220-3
 EMC performance to EMC 301489-3
 CE certified

1. Any obstructions of any sort will result in a reduction in range from the free space specification. As such, the actual range will vary depending on installation.

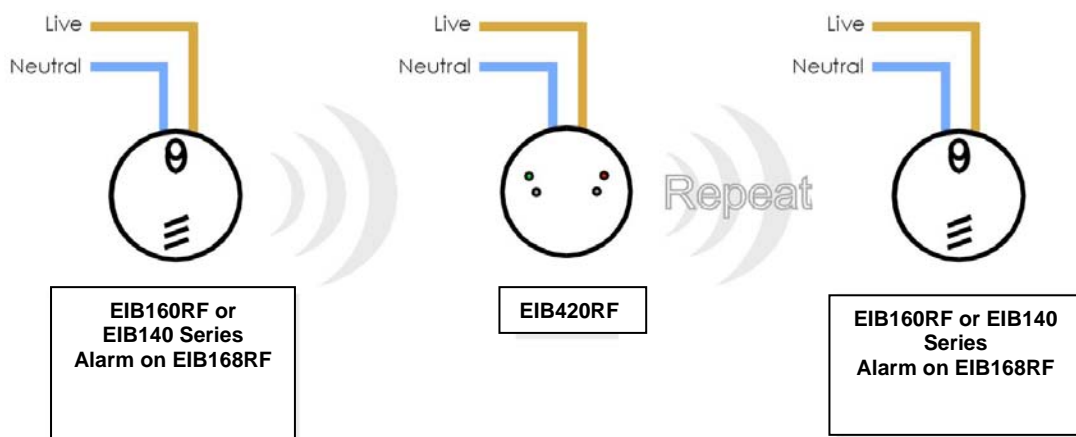
Specification subject to change

System Wiring

Carbon Monoxide (CO) Alarm Interface



Repeater Module



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