



EIB3000MRF

SmartLINK Module

RF Wireless Interconnection

Powered by the Alarm

The EIB3000MRF is an optional add-on SmartLINK module for the EIB3000 series alarms. It enables the alarm to communicate wirelessly with other Brooks RF devices.

Up to 12 devices can be interconnected². It also facilitates a hybrid communication of hardwired and wireless connections.

The module simply plugs into the designated slot in the base of the alarm head. On powering up the alarm, the RF LED on the side of the alarm will flash red, blue and green to indicate that the module has been fitted correctly.

The EIB3000MRF module is a short range device using a transceiver to transmit, receive and repeat the RadioLINK RF protocol. This ensures a robust "mesh" of RF signals and reliable paths of communication.

The house coding feature confines the RF communication to designated RF devices only, thereby avoiding the inadvertent activation of neighbouring alarm RF systems.

KEY FEATURES

- Wireless RF upgrade for mains powered 3000 Series alarms
- Interconnect up to 12 devices wirelessly
- Transmits, receives and repeats RF specific data
- Unique House Coding feature
- Simple plug in modular design
- Powered from the alarm head

COMPATIBILITY

Hardwire: 3000 Series

Wireless: EIB450, EIB411RF, EIB413, EIB170RFAU, EIB171RFAU, EIB408RF, EIB408RFH, EIB428RF, EIB168RC, EIB407RF, EIB100MRF, EIB600MRF, EIB605MRF, EIB420RF

Note: for full specifications and limitations, refer to the specific product data sheet.

SPECIFICATION

Supply Voltage	Powered from Alarm
RF Frequency	926 MHz band (1% duty Cycle)
RF Power	+10dBm
RF Range	> 100 Metres in free air ¹
Visual Indicators	3 colour LED: Blue, Green and Red
Temperature Range	-10°C to 40°C ³
Humidity Range	15 % to 95 % Relative Humidity ³ (non-condensing)
Plastic material	UL94VO flame retardant
Dimensions	Product - 80mm x 18mm x 16mm Package - 120mm x 110mm x 35mm
Weight	10g (Pack +52g)
Warranty	5 year (limited) warranty
Approvals	Module: AS/NZS 4268 Interconnection: NZS 4514:2021



Manufactured to ISO 9001 quality standards

¹ Obstructions of any sort will result in a reduction in range from the free space specification. The range may vary depending on installation.

² Please contact us for further advice if additional RF devices are required.

³ Temperature and Humidity conditions are for normal operation and storage. Units will function outside these ranges as required by the specific product Standards. Extended exposure to conditions outside these ranges can reduce product life. For advice on prolonged operation outside these ranges consult the manufacturer.