EI200MRF - RadioLINK Module

RadioLINK RF Wireless Interconnect for CO Alarms

Key Features

- ▼ RF Upgrade for EI208W and EI208DW CO Alarms
- ▼ Simple plug-in modular design
- ▼ Interconnect up to 12 wireless alarms/devices
- ▼ Transmits, receives and repeats RF specific data
- ▼ Multi-path communication protocol
- ▼ Unique house coding confines communication to selected RF devices
- ▼ Remote alarm learn entry
- ▼ RF Monitoring
- ▼ Provides data for download
- ▼ Powered for life lithium battery
- ▼ AudioLINK feature
- ▼ 5 Year Guarantee (limited)

Product Description

The EI200MRF is an optional add-on RadioLINK module for the EI208W and 208DW Carbon Monoxide (CO) Alarms. The module simply plugs into the designated slot in the back of the CO alarm. The immediate flashing LEDs indicates that the module has been fitted correctly.
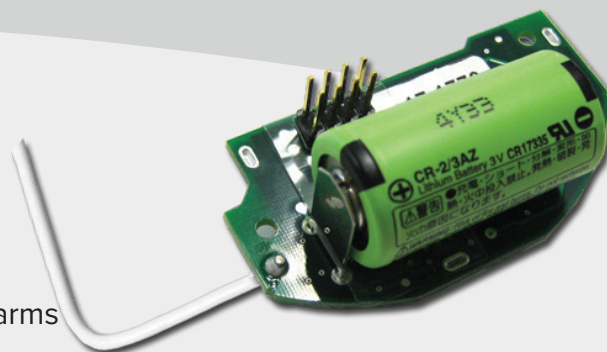
The EI200MRF module facilitates wireless interconnection with up to 12 RadioLINK devices.

The EI200MRF 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 RadioLINK devices only, thereby avoiding the inadvertent activation of neighbouring alarm RF systems.

The remote alarm learn entry feature allows the installer to re-activate the entire RF system house coding from one device. Additional devices can then be added and house coded accordingly.

There is an enhanced self-monitoring function that recognises system tampering or alarm head removal. In monitoring mode each alarm will check the presence of its strongest received RF signal. If the signal is missing, the alarm will record a monitoring failure event. Information such as alarm events, fault events, test activations, and alarm head removals can now be downloaded using the EIBUSB1.

Technical Specification

Supply Voltage: 3V lithium battery
RF Frequency: 926Mhz Band (1% duty Cycle)
RF Protocol: Proprietary RadioLINK using multi-path, multi-repeater mesh architecture
RF Range: >100 metres in free air
System Size: Up to 12 RadioLINK devices
Indicators: Blue LED - Typically RF transmission
Green LED - monitoring mode success
Red LED - monitoring mode failure
Data Download: Via EIUSB1
Normal Operating and Storage Temperature:
Range 0°C to 40°C [1]
Normal Operating and Storage Humidity Range:
15% to 95% relative humidity (non-condensing)
Dimensions: Product - 60mm x 30mm x 20mm
Weight: 25g
Warranty: 5 year (limited)
Approvals: AS/NZS 4268
Manufactured to ISO 9001 quality standards

1. 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.

Compatibility

Wireless: EIB450, EIB411RF, EIB413, EIB170RFAU, EIB408RF, EIB408RFH, EIB428RF, EIB168RC, EIB407RF

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

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