EIB413 - RadioLINK Panel Module

For use with security/fire panels

Key Features

- ▼ Connects RadioLINK alarm to panels for additional alarms and remote signalling etc.
- ▼ Powered by 11 - 30VDC from panel
- ▼ Can be mounted internally or externally to the panel
- ▼ Provides relay outputs (NC, C, NO) from
  - Smoke Alarms sensing fire
  - Fault condition (Low Battery or Chamber contamination)
  - CO Alarm sensing CO
- ▼ Panel can trigger all smoke/CO alarms to sound
- ▼ Antenna built-in
- ▼ Unique house coding feature
- ▼ Blue LED to facilitate house coding and visual RF transmission indication
- ▼ RF performance to AS/NZS4268
- ▼ 5 Year Guarantee (limited)

Product Description

The EIB413 is a RadioLINK Panel Interface Module that provides an interface between RadioLINK alarms/devices and fire alarm / security alarm panels.

The Panel Interface Module will decode fire, CO and fault signals from RadioLINK devices and activate the relevant onboard relay contacts. The relays are wired to the input contacts on the panel which will take the appropriate action.

When the normally open contacts (or DC Voltage input) are activated (from the panel) the EIB413 will transmit a RadioLINK signal to all alarms in the system causing them to sound.

The EIB413 is powered either directly from the panel or from an external source (it requires a 11-30V DC power supply). It is designed to be remotely sited and comes complete in its own enclosure.

The EIB413 uses advanced transceiver and signal coding technology to ensure robust and reliable RF signalling. It also has a house code feature that allows a system of RadioLINK alarms and devices to be coded together to prevent interference with neighbouring systems.

Technical Specification

Power Required:	12V (range to 30V)
Current Required:	15mA (Standby max.)
	60mA (Alarm max.)
RF Range*:	Over 100 metres in free space
RF Visual Indicator:	Blue light flashes while transmitting RF signal
	Blue light flashes in house code mode to indicate the number of units coded
RF Frequency:	926.365 MHz
RF Multi-repeater Function:	
	The module acts as an RF repeater to extend the range and reliability of the system
Dimensions:	88mm x 88mm x 28mm
Weight:	125g
Outputs to Panel:	Fire Relay - Change over contacts 30V @ 1A
	Fault Relay - Change over contacts 30V @ 1A
	CO Relay - Change over contacts 30V @ 1A
Inputs from Panel:	1. Alarm N/O dry contact
	2. Alarm voltage input 11-30 VDC
Temperature range:	0°C to 40°C
Humidity Range:	15% to 95% relative Humidity (non-condensing)

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