



# EIB3028 - Heat & Carbon Monoxide Alarm

## Mains Powered 230V~ Rechargeable Battery Back-up

### Key Features

- Contains a Heat and CO sensor with 10-year life
- SmartLINK compatible
- AudioLINK data extraction
- Hardwire interconnect (up to 12 devices)
- Optional wireless interconnect (with EIB3000MRF module)
- Easy to use large Test button
- Memory function
- Easi-fit base
- Energy efficient and low power consumption
- 5 year guarantee

### Product Description

The EIB3028 is a dual Heat and Carbon Monoxide (CO) alarm. It contains a proven electrochemical CO sensor to detect the presence of toxic levels of CO as well as an independent fast acting Class A1 thermistor sensor to detect dangerous levels of heat, hence eliminating the need for installing 2 products in areas where both types of detection would be required.

The EIB3028 is powered by 230V AC mains. In the event of mains failure, the rechargeable 10-year built-in non-removable lithium battery will provide up to 3 months power supply in the case of a wireless RF installation or up to 6 months in any other case.

The AudioLINK feature facilitates acoustic download of the alarm parameters and status using a smart app.

The EIB3028 can be interconnected via hardwire or wirelessly (through the EIB3000MRF module) enabling it to communicate with compatible Brooks alarms and accessories. Up to 12 devices can be interconnected.

During an alarm, "Fire" or "CO" will flash on the alarm to indicate what has been detected. The flash rate of the red LED is dependent on the type of detection and in case of CO, on the level detected.

The EIB3028 self-checks its sensors, battery voltage and internal circuitry every 48 seconds. Any fault condition found will be indicated by a combination of yellow LED flashes and sound beeps.

The memory feature allows an alarm that has previously activated to be easily identified (through the red flashing LED).

#### Compatibility

**Hardwire:** 3000 Series, 160e Series, 140RC Series, EIB128RBU, BA128, BAVISA240, BAALOC & BAAISO/BAATLS (EIBPLATE must be used)

**Wireless:** SmartLINK EIB3000MRF must be used. EIB450, EIB411RF, EIB413, EIB170RFAU, EIB408RF, EIB408RFH, EIB428RF, EIB168RC, EIB407RF, EIB100MRF, EIB600MRF, EIB605MRF, EIB420RF

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



### Technical Specification

<b>Sensor Type:</b>	Electrochemical & Thermistor (Trigger temperature 58-62°C)
<b>Supply Voltage:</b>	230V AC, 50Hz
<b>Power Consumption:</b>	0.25W (standby)
<b>Battery back-up:</b>	Non-removable Rechargeable lithium battery
<b>Interconnectable:</b>	Via hardwire (wireless optional with EIB3000MRF)
<b>Sound Level:</b>	85 dB(A) at 3m
<b>Button Test:</b>	Checks sensors, electronics, LED display & horn.
<b>Silence function:</b>	Silences alarm for 10 minutes if alarm triggered by Heat or once for 4 minutes in case of CO event if <150ppm detected. Silences fault chirps for 12 hours
<b>Data download:</b>	Via the AudioLINK App
<b>Indicator LED's:</b>	<b>Green LED</b> - Power <b>Red LED</b> - Pre-alarm (CO event only), Alarm, Hush mode or Memory <b>Yellow LED</b> - Fault
<b>Memory Feature:</b>	Records last alarm event
<b>End of Life:</b>	Audible and visual indicators (3 yellow flashes and 3 beeps)
<b>Fixing:</b>	Screw fixing and Easi-fit base supplied
<b>Temperature Range:</b>	-10°C to 40°C <sup>1</sup>
<b>Humidity Range:</b>	15 % to 95 % RH (non-condensing) <sup>1</sup>
<b>Plastic material:</b>	UL94VO flame retardant
<b>Dimensions:</b>	Product - 150mm x 66mm Package - 180mm x 155mm x 72mm
<b>Weight:</b>	318g (Pack +66g)
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	Heat: AS1603.3:2018 CO: KM86596 EN50291-1:2010 +A1:2012 Module (optional): 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.



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