

# EiB3018 - Carbon Monoxide Alarm

**Mains Powered 230V ~  
Rechargeable Battery Backup**

## Key Features

- Proven electrochemical 10 year CO sensor
- SmartLINK compatible
- AudioLINK+ data download
- Hardwire interconnect
- Optional wireless interconnect (with EiB3000MRF module)



AudioLINK+®



## Product Description

The EiB3018 is a Carbon Monoxide Alarm which contains a proven 10 year electrochemical CO Sensor to detect the presence of toxic levels of Carbon Monoxide (CO). In alarm, the flash rate of the red LED indicates the level of CO detected.

The EiB3018 is powered by 230V AC mains. In the event of mains failure, the rechargeable 10 year built in tamper-proof Lithium cells 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 the Ei Electronics AudioLINK app.

The EiB3018 can operate as a standalone Alarm or can be interconnected either by hardwire or wirelessly (using the EiB3000MRF module) enabling it to communicate with compatible Brooks Alarms and accessories. Up to 12 devices can be interconnected.

The EiB3018 self-checks its sensor, battery voltage and internal circuitry every 48 seconds. Any fault condition found will be indicated by a combination of yellow LED flashes and chirps.

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

## Compatibility

**Hardwire:** BA128, EiB128RBU, EiB140e Series, EiB160e Series, EiB428RF, EiB3000 Series, FAC20, and Visalert.

**Wireless:** SmartLINK EiB3000MRF, EiB168RC, EiB170RFAU, EiB407RF, EiB408RF, EiB408RFH, EiB413, EiB428RF, EiB450, and any Alarm fitted with the RF module.

## Product Replacement

**Direct Replacement For:** N/A

## Technical Specifications

<b>Sensor Type:</b>	Electrochemical
<b>Product Life:</b>	10 Years
<b>Supply Voltage:</b>	230V AC, 50Hz
<b>Power Consumption:</b>	0.25W (standby)
<b>Battery Backup:</b>	Tamper-proof rechargeable Lithium cells
<b>Interconnectable:</b>	Via hardwire (wireless optional with EiB3000MRF)
<b>Sound Level:</b>	85 dB(A) at 3m
<b>Button Test:</b>	Checks sensor, electronics and horn
<b>Silence Function:</b>	Silences alarm once for 4 minutes if <150ppm Silences fault chirps for 12 hours
<b>Live Monitoring:</b>	Via the EiB3000MRF module and the EiB1000G Gateway
<b>Data Download:</b>	Via the AudioLINK App
<b>Visual Indicators:</b>	<b>Green LED:</b> Power <b>Red LED:</b> Pre-alarm, 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>Temperature Range:</b>	-10°C to 40°C <sup>1</sup>
<b>Humidity Range:</b>	15% to 95% Relative Humidity (non-condensing) <sup>1</sup>
<b>Plastic Material:</b>	UL94VO flame retardant
<b>Fixing:</b>	Screw fixings and Easi-fit base supplied
<b>Dimensions:</b>	Product: 150mm x 55mm Packaging: 180mm x 155mm x 62mm
<b>Weight:</b>	310g (Pack + 66g)
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	KM86596 EN50291-1:2010 + A1:2012



KM 86596  
EN50291-1:2018

Manufactured to ISO 9001 quality standards  
Specifications are subject to change

<sup>1</sup> 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.