BROOKS
Fire Products & Solutions

EIB3016 - Photoelectric Smoke Alarm

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Mains Powered 230V~
Rechargeable Battery Back-up



Key Features

- High performance photoelectric sensor
- SmartLINK compatible
- AudioLINK data extraction
- Automatic dust compensation
- Hardwire interconnect
- Optional wireless interconnect (with EIB3000MRF module)
- Easy to use large Test / Silence button
- Memory function
- Easi-fit base
- Energy efficient and low power consumption
- 5 year guarantee

Product Description

The EIB3016 alarm features a high peformance photoelectric smoke sensor, ideal for detecting smoke from slow, smouldering fires. In addition, the chamber design, integrated insect screen and unique dust compensation algorithm reduce the risk of false alarms.

The EIB3016 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 the AudioLINK app.

The EIB3016 can operate as a standalone alarm or can be interconected either by hard-wire or wirelessly (using the EIB3000MRF module) enabling it to communicate with compatible Brooks alarms and accessories. Up to 12 devices can be interconnected.

The EIB3016 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: EIB3000 Series, EIB160e Series, EIB140RC 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.

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

Technical Specification

Sensor Type:	Photoelectric
Supply Voltage:	230V AC, 50Hz
Power Consumption:	0.25W (standby)
Battery back-up:	Non-removable rechargeable lithium battery
Interconnectable:	Via hardwire (wireless optional with EIB3000MRF)
Sound Level:	85 dB(A) at 3m
Button Test:	Simulates the effect of smoke and checks sensor, electronics & horn
Silence function:	Silences alarm for 10 minutes Silences fault chirps for 12 hours
Data download:	Via the AudioLINK App
Indicator LED's:	**Green LED** - Power **Red LED** - In alarm (if coincides with horn sounding), in hush mode or memory **Yellow LED** - Fault
Memory Feature:	Records last alarm event
End of Life:	Audible and visual indicators (3 yellow flashes and 3 beeps)
Insect screen:	Fine Mesh
Fixing:	Screw fixing and Easi-fit base supplied
Temperature Range:	-10°C to 40°C [1]
Humidity Range:	15 % to 95 % RH (non-condensing)[1]
Plastic material:	UL94VO flame retardant
Dimensions:	Product - 150mm x 55mm Package - 180mm x 155mm x 62mm
Weight:	336g (Pack +66g)
Warranty:	5 year (limited) warranty
Approvals:	AS3786:2014 +A1:2015 +A2:2018

Manufactured to ISO 9001 quality standards
Specifications are subject to change

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.

Due to continual product development, Brooks reserve the right to alter product details and specifications without prior notice.

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