EiB3024 - Multi-Sensor Alarm

Mains Powered 230V ~ Rechargeable Battery Backup

Key Features

- Contains both photoelectric and heat sensor
- SmartLINK compatible
- AudioLINK+ data download
- Hardwire interconnect
- Optional wireless interconnect (with EiB3000MRF module)

Product Description

The EiB3024 is a Multi-Sensor Alarm containing 2 separate sensing elements, intelligently monitored, in order to detect the presence of fire. Using its intelligent dual monitoring, it responds much faster to all fire types (TF1 to TF6 and TF8) than a traditional single sensor Alarm. In addition, the chamber design, integrated insect screen and unique dust compensation algorithm reduce the risk of false alarms.

The EiB3024 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 EiB3024 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 EiB3024 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 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

Sensor Type:	Photoelectric & Thermistor (Class A1 detection. Trigger temperature 58°C ± 4°C)
Product Life:	10 Years
Supply Voltage:	230V AC, 50Hz
Power Consumption:	0.25W (standby)
Battery Backup:	Tamper-proof rechargeable Lithium cells
Interconnectable:	Via hardwire (wireless optional with EiB3000MRF)
Sound Level:	85 dB(A) at 3m
Button Test:	Checks sensor, electronics and horn
Silence Function:	Silences alarm for 10 minutes
	Silences fault chirps for 12 hours
Live Monitoring:	Via the EiB3000MRF module and the EiB1000G Gateway
Data Download:	Via the AudioLINK App
Visual Indicators:	**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)
Temperature Range:	-10°C to 40°C[1]
Humidity Range:	15% to 95% Relative Humidity (non-condensing)[1]
Insect Screen:	Fine mesh
Plastic Material:	UL94VO flame retardant
Fixing:	Screw fixings and Easi-fit base supplied
Dimensions:	Product: 150mm x 66mm
	Packaging: 180mm x 155mm x 70mm
Weight:	346g (Pack + 66g)
Warranty:	5 year (limited) warranty
Approvals:	AS3786:2014 + A1 + A2 (Smoke)
	AS1603.3:2018 (Heat)

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.

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