



EIB146e

Photoelectric Smoke Alarm

Mains Powered 230V~

9V Alkaline Battery Back-up

The EIB146e is a photoelectric smoke alarm that provides reliable detection of slow, smouldering fires while reducing false alarms through its insect-resistant design.

The EIB146e is powered by 230V AC with a 9V user replaceable alkaline battery back-up to ensure continuous operation (up to 3 years) in the event of mains failure.

The alarm can operate standalone or be interconnected with up to 12 compatible devices via hard-wire or wireless RF (with the optional EIB168RC base).

KEY FEATURES

- High performance photoelectric sensor
- Hardwire interconnectable (up to 12 devices)
- Optional wireless interconnect (with EIB168RC base)
- Easi-fit base for easy installation

COMPATIBILITY

Hardwire: 3000 Series, 160e Series, 140e Series, 140RC Series, EIB128RBU, BA128, EIB127, VISALERTPLUS, BAVISA240, FAC20, BAALOC & BAAISO/BAATLS (EIBPLATE must be used)

Wireless: EIB168RC base must be used. EIB450, EIB411RF, EIB413, EIB170RFAU, EIB171RFAU, EIB3000MRF, EIB408RF, EIB408RFH, EIB428RF, EIB407RF, EIB100MRF, EIB600MRF, EIB605MRF, EIB420RF

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

SPECIFICATION

Sensor Type	Photoelectric (Type A)
Supply Voltage	230V AC, 50Hz
Power Consumption	0.75W max
Battery Back-up	Replaceable 9V alkaline battery
Interconnectable	Via hardwire (wireless optional with EIB168RC base)
Sound Level	85 dB(A) at 3m
Button Test	Checks sensor, electronics and horn
Indicator LED's	Green - Power / Red - Alarm or Fault
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: 148mm x 50mm Package: 155mm x 155mm x 62mm
Weight	345g (Pack + 44g)
Warranty	5 year (limited) warranty
Approvals	AS 3786:2026 & AS 3786:2023

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.



Manufactured to ISO 9001 quality standards