BROOKS

Fire Products & Solutions

EiB146e - Optical Smoke Alarm

Mains Powered 230V~ Alkaline Battery Back-up

Key Features

▼ High performance optical sensor
▼ Hardwire Interconnect
▼ Wireless Interconnect when fitted with EiB168RC
▼ Remote Test, Locate and Silence compatible
▼ Easi-fit base
▼ Easy to use large Test/Hush button
▼ Memory feature
▼ 5 year guarantee

Product Description

The EiB146e Optical Smoke Alarm is fitted with a proprietary photoelectric sensor to quickly sense low energy smoke particles from smoldering fires. Powered by 230V AC with a 9V user replaceable Alkaline battery backup to ensure continuous operation (up to 3 years) in the event of a power failure.

The Alarm is supplied with the "Easi-fit" base to facilitate quick and simple installation, combined with easy detector head removal and replacement. The Easi-fit base automatically connects both mains power and battery as the detector head slides on.

The EiB146e may operate as a standalone Alarm or may be interconnected to other Alarms via a wired or wireless system. For a wireless system each Alarm must be fitted with an EiB168RC RadioLINK base. When interconnected all Alarms in the system will sound if a fire is detected.

The Alarm self-checks its sensor, battery voltage and internal circuitry every 40 seconds. A fault condition will be indicated by a short beep every 40 seconds.

The Test / Silence button allows the user to check the operation of the Alarm. The Silence function allows the Alarm / System to be silenced in case of a false / nuisance alarm, e.g. cooking fumes.

The memory feature allows an Alarm that has previously activated to be easily identified. This is indicated by 2 red led flashes every 40 seconds for 24 hours (after the event).

Technical Specification

Sensor Type:	Photoelectric
Product Life:	10 Years
Supply Voltage:	230V AC, 50Hz
Power consumption:	0.75W max
Battery back-up:	Replaceable 9V alkaline battery back up
Sound Level:	85 dB(A) at 3m
Button Test:	Checks sensor, electronics and horn
Silence function:	Silences alarm for 10 minutes
Visual indicators:	Green LED : Power
	Red LED: Self-check, alarm, silence, memory & fault
Memory feature:	2 red flashes every 40s to indicate a previous alarm activation
Fixing:	Screw fixing and Easi-fit base supplied
Normal Operating and Storage Temperature Range:	
	-10°C to 40°C [1]
Normal Operating and Storage Humidity Range	
	15 % to 95 % Relative Humidity (non-condensing)
Plastic material:	UL94VO flame retardant
Dimensions:	Product - 148mm x 50mm
	Package - 155mm x 155mm x 59mm
Weight:	350g (Pack +40g)
Warranty:	5 year (limited) warranty
Approvals:	AS3786:2014

ACTIVFIRE LISTED™

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.

E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice.