



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 2947</b>	30-Jul-2014	Number 13	Issue date 29-Apr-2026	30-Apr-2027

## Product designation

**Brooks, Model EIB2110, 240 Vac powered & fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, multi-sensor (combined smoke and heat) alarm**

(Refer to the Schedule/enclosures for further specified details)

## Agent/distributor

Brooks Australia Pty  
4 Pike Street, RYDALMERE, NSW, AUSTRALIA, 2116

## Registrant

Brooks Australia Pty  
4 Pike Street, RYDALMERE, NSW, AUSTRALIA, 2116

### Producer

Ei Electronics  
SHANNON, CO. CLARE, IRELAND

## Conformance criteria and evaluation

The Brooks, Model EIB2110, 240 Vac powered & fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, multi-sensor (combined photoelectric smoke and heat) alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786-1993, 'Smoke alarms' incl. Amdt 1 (April 1995) / Amdt 2 (December 1995) / Amdt 3 (9 November 2001) / Amdt 4 (22 April 2004).
2. Australian Standard AS 1603.3-1996, 'Automatic fire detection and alarm systems - Heat alarms'.

## Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

Kaj Loh  
Executive Officer – ActivFire Scheme



# Schedule to Certificate of Conformity

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## Producer's description

The Brooks, Model EIB2110, 240 Vac powered & fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, multi-sensor (combined smoke and heat) alarm is an externally energized device which has a combination of the temperature sensing thermistor and the optical sensor. The Multi-Sensor Alarm primary power supply is an external 230 Vac supply. A standby power supply is included as a rechargeable battery which is not user replaceable.

An electric buzzer/horn provides an audible alarm signal when the device senses smoke and/or the local air temperature which exceeds a pre-determined level. When the smoke level and/or the temperature falls below the alarm level, the buzzer/horn is de-energised. A self test facility is provided by means of a button. If the button is depressed an alarm signal is emitted.

The device incorporates a 'hush button' feature. Pressing the hush button reduces the smoke sensitivity of the Multi-Sensor Alarm. The sensitivity is reduced for approximately 10 minutes, at which time the smoke alarm automatically returns to normal operation.

## Technical specification

The following details are a representative extract of the technical specification for the Brooks, Model EIB2110, 240 Vac powered & fixed rechargeable lithium battery backup, silencing/hush facility, interconnectable, multi-sensor (combined smoke and heat) alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

### Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

Supply voltage	230 Vac
Battery back-up	Built-in 10 Year tamperproof rechargeable Lithium cells
Alarm sounder	Electronic piezoelectric horn
Temperature range	5°C to 45°C
Humidity range	0% to 90% relative humidity
Interconnect	A combination of up to 12 compatible devices can be interconnected
Dimensions	152mm diameter x 50mm depth
Weight	320g

## Supplementary information

### Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report Number	XF2582/R1	Conformity Evaluation of the Brooks Model EIB2110 Multi-Sensor Alarm to the requirements of AS 3786-1993 (Incorporating Amendments 1, 2, 3 and 4) 'Smoke Alarms' AS 1603.3-1996 'Heat Alarms'	13-Nov-2012	CSIRO, Fire Systems, AU
P/N	B17662 Rev0	230V~ Multi-Sensor Alarm (combined smoke & heat) with Rechargeable Lithium Cell Back-up	2012	Brooks Australia Pty Ltd, AU