



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3567	3-Sep-2019	Number 2	Issue date 5-Apr-2023	30-Apr-2024

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Product designation

Brooks, Model EIB650iWX, externally powered, silencing/hush facility, interconnectable, photoelectric smoke alarm

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

Agent/distributor

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

Registrant

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

Producer

Ei Electronics
SHANNON, CO. CLARE, IRELAND

Conformance criteria and evaluation

The Brooks, Model EIB650iWX, externally powered, silencing/hush facility, interconnectable, photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786:2014, 'Smoke alarms using scattered light, transmitted light or ionization' incl. Amdt 1 (27 August 2015).

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

Kai Loh

Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Brooks, Model EIB650iWX, externally powered, silencing/hush facility, interconnectable, photoelectric smoke alarm is an externally energized photoelectric smoke alarm intended for use in residential dwellings. The smoke alarm is not provided with internal secondary power supply.

This equipment is equipped with SUB1012 interface board which allows the smoke alarm be powered by an external 12Vdc supply and can be interconnected with other alarms. An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a pre-determined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energized. A self-test facility is provided by means of a button. If the button is depressed an alarm signal is emitted.

A 'silence button' feature is incorporated. Pressing the silence button reduces the smoke sensitivity of the smoke alarm. The sensitivity is reduced for approximately 10 minutes, at which time the smoke alarm automatically returns to normal operation.

When interconnected, one smoke alarm entering the alarm state will result in all interconnected devices operate their piezo sounders.

The Brooks, Model EIB650iWX, externally powered, silencing/hush facility, interconnectable, photoelectric smoke alarm is approximately 120 mm in diameter and has a height of approximately 63 mm.

Technical specification

The following details are a representative extract of the technical specification for the Brooks, Model EIB650iWX, externally powered, silencing/hush facility, interconnectable, photoelectric smoke 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.

Sensor type	Photoelectric
Signal pattern	ISO 7731
Power supply	External 12 vdc power supply
Interconnection	
Wired	Residential AlarmPanel, RFS1 or RFP6 (BARFS1 or BARFP6)
Operating temperature range	0° to 40° C

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	XF2968/R1	Evaluation for Conformity of the Brooks Model EIB650iWX, externally powered, photoelectric smoke alarm to the requirements of AS 3786:2014 +A1:2015	3-Sep-2019	CSIRO, Fire Systems Laboratory, AU
TDS No.	TDS058	Brooks RFP6 / RFS1 Interface Base BA-RAINT	13-Sep-2017	Brooks Australia Pty Ltd, AU