



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3839	20-Sep-2023	Number 1	Issue date 20-Sep-2023	30-Apr-2025

Page 1 of 3

Product designation

Brooks, EiB660 series, 3 Vdc 10 year non-replaceable battery powered, hush facility, multi-sensor 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, EiB660 series, 3 Vdc 10 year non-replaceable battery powered, hush facility, multi-sensor 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) / Amdt 2 (30 October 2018).
2. Australian Standard AS 1603.3:2018, 'Automatic fire detection and alarm systems - Part 3: 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.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. The RadioLink plug-in module (EiB600MRF) is required to fulfil the interconnect test of Clause 5.18 of AS 1603.3:2018 for the model EiB660iW multi-sensor alarm.

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

Certificate num.	Registration date	Version	Valid until	Page 2 of 3
afp - 3839	20-Sep-2023	Number 1	Issue date 20-Sep-2023	30-Apr-2025

Producer's description

The Brooks, EiB660 series, 3 Vdc 10 year non-replaceable battery powered, hush facility, multi-sensor alarm is a circular styled, 3 Vdc 10 years self-contained alarm which has a combination of the temperature sensing thermistor and the optical sensor. The battery is not user replaceable.

An electric buzzer/horn provides an audible alarm signal when the multi-sensor alarm senses smoke and/or the local air temperature exceeds a pre-determined level. When the smoke level and/or the temperature drops 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 Brooks, EiB660 series, 3 Vdc 10 year non-replaceable battery powered, hush facility, multi-sensor alarm incorporate a 'hush button' feature. According to the manufacturer's instructions, pressing the hush button reduces the sensitivity of the multi-sensor Alarm. The sensitivity is reduced for approximately 10 minutes, at which time the alarm automatically returns to normal operation.

The Brooks, EiB660 series, 3 Vdc 10 year non-replaceable battery powered, hush facility, multi-sensor alarm consists of two models:

- The EiB660iW can be interconnected via the optional RadioLink plug-in module (EiB600MRF) (purchased separately).
- The EiB660iRF can be wirelessly interconnected via the RadioLink plug-in module (EiB600MRF) (included).

The maximum number of wireless interconnected alarms is twelve. The wireless interconnection requires the optional EiB600MRF RadioLink module.

The Brooks, EiB660 series, 3 Vdc 10 year non-replaceable battery powered, hush facility, multi-sensor alarm can be mounted on the ceiling only.

Technical specification

The following details are a representative extract of the technical specification for the Brooks, EiB660 series, 3 Vdc 10 year non-replaceable battery powered, hush facility, multi-sensor 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 variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

Variant		Description
Type	Ident.	
Model no.	EiB660iW	3 Vdc 10 year non-replaceable battery powered, Type A photoelectric smoke alarm and Class A1 thermistor heat alarm that is interconnectable via an optional RadioLink plug-in module (EiB600MRF) that is purchased separately.
	EiB660iRF	3 Vdc 10 year non-replaceable battery powered, Type A photoelectric smoke alarm and Class A1 thermistor heat alarm that is interconnectable via a RadioLink plug-in module (EiB600MRF).

Schedule of properties/characteristics

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

Smoke alarm sensing type:	Type A photoelectric smoke alarm
Heat alarm sensor type:	Class A1 thermistor heat alarm
Main power source:	3 Vdc lithium battery (not replaceable and not rechargeable)
Battery list:	Panasonic CR-2/3AZ
Interconnectivity:	
EiB660iW:	Optional wireless with optional RadioLink plug-in module (EiB600MRF) (up to 12 devices)
EiB660iRF:	Wireless with RadioLink plug-in module (EiB600MRF) (up to 12 devices)
Operating temperature range:	-10 °C to 40 °C
Operating humidity range:	15% to 95% RH
Alarm sound level:	85 dB at 3 metres minimum
Alarm condition:	Audible signal pattern (ISO 7731)
Silencing function:	Yes
Fixings:	Screws and wall plugs
Mounting:	Ceiling mount

Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3839	20-Sep-2023	Number 1	Issue date 20-Sep-2023	30-Apr-2025

Page 3 of 3

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 no.	XF3528/R1	Evaluation for Conformity of the Brooks EiB600 range of Photoelectric Smoke and Heat Alarms to the requirements of AS 3786:2014 +A1:2015 +A2:2018 and AS 1603.3:2018	18-Sep-2023	CSIRO, Fire Systems Laboratory, AU
Doc no.	P/N B20736 Rec0	Brooks Fire Products & Solutions Battery Powered Smoke / Heat / Multi-Sensor Fire Alarms EiB600 series Instruction Manual (B20736-R0-EiB600 SERIES-UC-ENG Final.pdf)	3-May-2023	Brooks Australia Pty Ltd., NSW, AU