



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2440	17-Sep-2010	Number 10	Issue date 26-Apr-2019	30-Apr-2020

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Product designation

Brooks, Model EiB204T, 12 Vdc externally powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, heat 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 EiB204T, 12 Vdc externally powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, heat alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. 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.

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

- i. The heat alarm is to be used in conjunction with the EiB20X mounting base.
- ii. The smoke alarm is to be used in conjunction with an appropriate external power supply meeting the stand-by power supply requirements of clause 2.2.2 of AS 1603.3.

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

David Whittaker
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Brooks, Model EiB204T, 12 Vdc externally powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, heat alarm is a multiple station externally energized heat alarm. The alarm is designed to be installed with an external power source, typically a control panel.

This product operates from an external 10.5 to 15 volt DC source connected to the alarm via the Brooks EiB20X base supplied with the product. Removal of the heat alarm from its mounting base disconnects the external supply from the heat alarm.

The heat alarm operates by the sounding of a piezo sounder that provides an audible alarm signal when the heat alarm senses temperatures which exceed the pre-determined alarm level threshold. When the heat level drops below the alarm threshold level, the piezo sounder is de-energized.

A self test facility is provided by means of a test button that electrically simulates the presence of heat. When the test button is depressed, an alarm signal is emitted until the test button is released. Depressing the test button also initiates a "Hush" mode (alarm silence facility), which reduces the sensitivity of the alarm for a period of approximately 12 minutes. During this time, the integral red LED pulses every 12 seconds to indicate the device is in hush mode. At the end of the 12 minute period the device returns to normal mode automatically.

This product can be interconnected with other Brooks EiB200 series smoke and heat alarms so when one senses alarm, all devices operate their piezo sounders.

The Brooks, Model EiB204T, 12 Vdc externally powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, heat alarm is approximately 152 mm in diameter and has a height of 70 mm when connected to the EiB20X mounting base. Termination is by way of screw terminals in the mounting base.

Technical specification

The following details are a representative extract of the technical specification for the Brooks, Model EiB204T, 12 Vdc externally powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, heat alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Ambient temperature range:	5 °C to 45 °C
Power supply:	10.5 to 15 Vdc
Interconnection facility:	Up to 20 compatible Brooks Smoke and Heat Alarms
Status indicators:	
Green LED:	Normal operation (LED Steady)
Red LED:	Flashes on alarm
Dimensions:	152mm diameter, 70mm high (on EiB20X mounting base)
Test and hush button:	Combined test/hush button provided on cover of alarm