



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3420	15-Nov-2019	Number 1	Issue date 15-Nov-2019	30-Apr-2021

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Product designation

Trader, Model BESMOKEY4BK, 9Vdc battery powered, test/hush facility, photoelectric smoke alarm

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

Agent/distributor

GSM Electrical (Australia) Pty Ltd
Level 2, 142-144 Fullarton Rd, ROSE PARK, AUSTRALIA, 5067

Registrant

Guangdong Isafenest Co.,Ltd.
Room 402, Building 7, Tianfulai II, Tonggui, FOSHAN CITY, GUANGDONG, CHINA, 528300

Producer

Guangdong Isafenest Co.,Ltd.
Room 402, Building 7, Tianfulai II, Tonggui, FOSHAN CITY, GUANGDONG, CHINA, 528300

Conformance criteria and evaluation

The Trader, Model BESMOKEY4BK, 240 Vac powered with user-replaceable 9 Vdc battery backup, test/hush facility, 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

David Whittaker
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Trader, Model BESMOKEY4BK, 240 Vac powered with user-replaceable 9 Vdc battery backup, test/hush facility, photoelectric smoke alarm.

The primary power supply is an external 240 Vac. The smoke alarm includes a standby power supply from a non-rechargeable battery.

An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a predetermined level. When the smoke level 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.

This equipment also incorporates a 'hush button' feature. Pressing the hush button reduces the smoke sensitivity of the smoke alarm. The sensitivity is reduced for approximately 8 minutes, at which time the smoke alarm automatically returns to normal operation.

The Trader, Model BESMOKEY4BK, 240 Vac powered with user-replaceable 9 Vdc battery backup, test/hush facility, photoelectric smoke alarm is circular in shape. It is approximately 120 mm diameter with a height of 45mm. It clips into a circular mounting base with two holes for screws

Technical specification

The following details are a representative extract of the technical specification for the Trader, Model BESMOKEY4BK, 9Vdc battery powered, test/hush facility, 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 (Type A)
Alarm signal	85 dB @ 3 m, ISO 8201
Electrical	
Primary	240 Vac, 50 Hz, 80 mA
Backup	9 Vdc replaceable battery
Environmental	
Operating Temperature	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	XF3339/R1	Evaluation for Conformity of the Trader Model Besmokey4BK Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015	30-Jul-2019	CSIRO, Fire systems Laboratory, AU
Part No. (Drawing No.)	4011907T01 (ISF-ETD-1907A-551)	Trader Installation and User Manual BESMOKEY4BK Photoelectric Smoke Alarm With Hinged Base Plate, 4 Terminals	11-Jun-2019	Guangdong Isafenest Co.,Ltd, CN