



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3203	15-Nov-2017	Number 4 (Provisional)	Issue date 27-Apr-2021	30-Apr-2022

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Product designation

Clipsal® Firetek™, Model 755PFM4, 220-240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, photoelectric smoke alarm

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

Agent/distributor

Schneider Electric (Australia) Pty Limited
33-37 Port Wakefield Road, GEPPS CROSS, SA, AUSTRALIA, 5094

Registrant

Schneider Electric (Australia) Pty Limited
33-37 Port Wakefield Road, GEPPS CROSS, SA, AUSTRALIA, 5094

Conformance criteria and evaluation

The Clipsal® Firetek™, Model 755PFM4, 220-240Vac powered with 9 Vdc battery backup, interconnectable, silencing/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 Clipsal® Firetek™, Model 755PFM4, 220-240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, photoelectric smoke alarm is an externally energized photoelectric smoke alarm. The smoke alarm primary power supply is an external 230 Vac supply. The smoke alarm includes a secondary power supply from a non-rechargeable 9 V 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 incorporates a silence feature. The smoke sensitivity is reduced for approximately 10 minutes, at which time the smoke alarm automatically returns to normal operation.

The smoke alarm is circular in shape. It is approximately 108mm in size with a height of 100 mm. 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 Clipsal® Firetek™, Model 755PFM4, 220-240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/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.

Main power source	220-240 Vac 50Hz
Secondary power source	9 Vdc carbon zinc or alkaline battery
Recommended replacement batteries	Goldpeak 1604S; Goldpeak 1604A; Energizer 522; Duracell MN1604
Operating current	≤40mA
Battery life	One year
Sensing type	Photoelectric
Operating temperature	0°C to 45°C
Ambient humidity	5% to 95%
Interconnecting	40 alarms over 150 metres maximum
Terminal provisions	Active, Neutral, Loop and Interconnect terminals, each accommodates max 3 x 2.5 mm ²
Horn level	85 db at three metres minimum
Visual indicators	Green LED for main power on Red LED for warning low battery indicator
Mounting type	Ceiling mount only
Alarm condition	Aural signal pattern (ISO 8201)

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	XF3108/R1	Evaluation for Conformity of the Clipsal® Firetek® Model 755PFM4 Photoelectric Smoke Alarm to the requirements of AS 3786-2014 +A1:2015	8-Nov-2017	CSIRO, Fire Systems Laboratory, AU
Instruction sheet	F2838/00	FireTek® SMOKE ALARM 755PFM4 240 V a.c. Flush Mounted Mains Power Photoelectric Smoke Alarm with 9 V d.c. Battery Backup	21-Sep-2017	Schneider Electric (Australia) Pty Limited, AU