CSIRO Verification Services
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Certificate of Conformity

Certificate num.	Registration date	Version Number	Version Issue date	Valid until
afp - 3721	1-Aug-2022	5	28-Apr-2026	30-Apr-2027

Product designation

PDL, Model PDL599WSAL, 10 year sealed (non-replaceable) lithium battery powered, silencing/hush facility, wireless interconnectable, photoelectric smoke alarm

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

Agent/distributor

Schneider Electric (NZ) Ltd
Building 6, 60 Highbrook Dr, East Tamaki, Auckland, NEW ZEALAND, 2013

Registrant

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

Producer

Siterwell Electronics Co., Limited
No. 666 Qingfeng Road, JIANGBEI DISTRICT, NINGBO, ZHEJIANG PROVINCE, CHINA, 315000

Conformance criteria and evaluation

The PDL, Model PDL599WSAL, 10 year sealed (non-replaceable) lithium battery powered, silencing/hush facility, wireless 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) / Amdt 2 (30 October 2018).

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.

i. This certificate does not infer conformity of communications between Zigbee module and Wiser Hub network.

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

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The validity and authenticity of this certificate can be verified by the certification register located at https://activfire.csiro.au

Schedule to
Certificate of Conformity

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Producer's description

The PDL, Model PDL599WSAL, 10 year sealed (non-replaceable) lithium battery powered, silencing/hush facility, wireless interconnectable, photoelectric smoke alarm is a low profile, 3V self-contained smoke alarm intended for use in residential dwellings.

The PDL, Model PDL599WSAL, 10 year sealed (non-replaceable) lithium battery powered, silencing/hush facility, wireless interconnectable, photoelectric smoke alarm senses smoke using the photoelectric principle. 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.

Technical specification

The following details are a representative extract of the technical specification for the PDL, Model PDL599WSAL, 10 year sealed (non-replaceable) lithium battery powered, silencing/hush facility, wireless 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	Photoelectric (Type A)
Power	Built-in 3 Vdc (CR17450) Lithium battery Battery not user replaceable
Alarm volume	> 85 dB(A) at 3 meters.
Operating temperature	0°C to 45°C
Ambient Humidity	5% to 95%
Self-test facility	Test button on top cover
Hush mode	approx. 10 minutes
Wireless interconnection	up to 40 detectors
Ancillary communication	Communication to Wiser Hub network via Zigbee module in the smoke alarm
Sound pattern	ISO8201
Dimensions (H x W x D)	89 x 89 x 33.5 mm

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	XF3467/R2	Evaluation for conformity of the PDL Model PDL599WSAL Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015 +A2:2018	20-Jun-2022	CSIRO, Fire Systems Laboratory, AU
Document	Wiser_Pacific_DC_Smoke_Alarm_3rd_draft.pdf	Clipsal,PDL CLP599WSAL PDL599WSAL WiSer™ (Wiser_Pacific_DC_Smoke_Alarm_3rd_draft`.pdf)	29-Apr-2022	Schneider Electric (Australia) Pty Limited, AU