



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 4036	3-Aug-2026	Number 1	Issue date 10-Aug-2026	30-Apr-2028

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Product designation

Securiton, ASD 2000 Series, aspirating smoke detector

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

Agent/distributor

Incite Fire

Block Y, Unit 1, Regents Park Estate, 391 Park Road, REGENTS PARK, NSW, AUSTRALIA, 2143

Registrant

Securiton AG

Alpenstrasse 20, ZOLLIKOFEN, SWITZERLAND, CH-3052

Producer

Securiton AG

Alpenstrasse 20, ZOLLIKOFEN, SWITZERLAND, CH-3052

Conformance criteria and evaluation

The Securiton, ASD 2000 Series, aspirating smoke detector has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 7240.20-2012, 'Fire detection and alarm systems - Part 20: Aspirating smoke detectors'.

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 products are installed and maintained as recommended by the manufacturer.

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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Producer's description

The Securiton, SecuriSmoke ASD 2000 Series are aspirating smoke detectors. Airflow monitoring ensures that the sampled air flows to the smoke sensors in the correct amount and at the correct speed.

If the concentration of smoke particles exceeds an adjustable threshold value, the ASDs triggers and alarm. In addition, a second alarm and three pre-signals can be configured. The ASDs forwards the signals via relays to other fire alarm control panels.

The Securiton, SecuriSmoke ASD 2000 Series is equipped with smoke sensors able to detect smoke particles with their alarm threshold of 0.01%/m and a maximum sensitivity of 0.001%/m.

The Securiton, SecuriSmoke ASD 2000 series, aspirating smoke detectors includes three models: SecuriSmoke ASD 2001, SecuriSmoke ASD 2002, and SecuriSmoke ASD 2004.

Technical specification

The following details are a representative extract of the technical specification for the Securiton, ASD 2000 Series, aspirating smoke detector 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		
Type	Ident.	Description
Model	SecuriSmoke ASD 2001	1 channel with 1 airflow sensor and 1 smoke sensor Class A, B, and C aspirating smoke detector.
	SecuriSmoke ASD 2002	2 channels with 2 airflow sensors and 2 smoke sensors Class A, B, and C aspirating smoke detector.
	SecuriSmoke ASD 2004	4 channels with 4 airflow sensors and 2 smoke sensors Class A, B, and C aspirating smoke detector.

Schedule of properties/characteristics

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

		SecuriSmoke ASD 2001	SecuriSmoke ASD 2002	SecuriSmoke ASD 2004
Product implementations				
Number of channels		1	2	4
Number of airflow sensors		1	2	4
Number of smoke sensors		1	2	2
System limits				
Class A	Maximum overall length of the sampling pipe tube network per ASD (m)	400	700	700
	Maximum overall length of the sampling pipe tube network per channel (m)	400	400	400
	Maximum overall length from the detector housing to the farthest sampling hole (m)	90	80	70
	Maximum number of sampling holes per ASD	31	62	62
	Maximum number of sampling holes per channel	N/A	31	15-16
Class B	Maximum overall length from the detector housing to the farthest sampling hole (m)	110	100	90
	Maximum number of sampling holes per ASD	80	160	160
	Maximum number of sampling holes per channel	N/A	80	40
Class C	Maximum overall length from the detector housing to the farthest sampling hole (m)	150	115	90
	Maximum number of sampling holes per ASD	120	240	240
	Maximum number of sampling holes per channel	N/A	120	60
Technical data				
Supply voltage range		14 to 30 Vdc		

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		SecuriSmoke ASD 2001	SecuriSmoke ASD 2002	SecuriSmoke ASD 2004
Nominal voltage		24 Vdc		
Maximum power consumption at 24 Vdc, measured at maximum fan speed (not under load)	Normal state	412 mA	447 mA	467 mA
	Alarm simultaneously on SSD I, SSD II	425 mA	468 mA	490 mA
Switch-on current peak at 24 Vdc		500 mA for a max of 10 ms		
Sampling pipe diameter, typical (inner/outer)		20/25 mm		
Sampling hole diameter		Ø 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 mm		
Response range, smoke sensor sensitivity		Class A, B, C		
Protection type according to IEC 60529 / EN 60529		IP 54		
Operating temperature range		-20 to +60 °C		
Maximum permissible temperature fluctuation of detector housing and sampling pipe in operation (condensation not permitted)	Sensitivity range 0.01 to 0.5%/m	60 K		
	Sensitivity range ≥ 0.5%/m	80 K		
Maximum permissible storage temperature of the detector housing without condensation		-30 to +70 °C		
Ambient pressure difference between detector housing and sampling pipe (sampling holes)		Must be identical		
Ambient condition humidity detector housing, briefly without condensation		95 % rel. humidity		
Ambient condition humidity detector housing sampling pipe continuous		70 % rel. humidity		
Maximum load capacity relay contact		50 (UL: maximum 30) Vdc 1 A 30 W		
Maximum load capacity of the open collector output (dielectric strength 30 Vdc)		100 mA		
Terminal cross-section power supply		2.5 mm ²		
Connection terminal cross-section inputs, outputs		1.5 mm ²		
Cable screw unions for cable diameters		Ø 5 to 12 (M20) / Ø 9 to 18 (M25) mm		
Sound power level compliant with ISO 3744 at fan speed		21 dB(A) at 7000 RPM 40 dB(A) at 20000 RPM		
Housing	Material	PC ABS		
	Flammability class	UL94 V0		
	Colour compliant with NCS	S 8005 R80B (anthracite)		
Dimensions		265x431x148.8 mm		
Weight (with SSD)		3415 g	3981 g	4120 g
Wweight SSD 10x0		338 g		

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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	CSBA0310/VR1A	Verification of Conformity of the Securiton, SecuriSmoke ASD 2000 Series to the requirements of AS 7240.20-2012	03-Aug-2026	CSIRO, Fire Systems Laboratory, AU
	CSBA0310/NR1A	Evaluation of Conformity of the Securiton, SecuriSmoke ASD 2000 Series to the requirements of AS 7240.20-2012		
Document	ASD_2001_TD_T 140925en_1.pdf	Securiton ASD 2001 Aspirating Smoke Detector Technical documentation T 140 925 en 1 17.06.2025 (ASD_2001_TD_T140925en_1.pdf)	17-Jun-2025	Securiton AG, CH
	ASD_2002_TD_T 140926en_1.pdf	Securiton ASD 2002 Aspirating Smoke Detector Technical documentation T 140 926 en 1 17.06.2025 (ASD_2002_TD_T140926en_1.pdf)		
	ASD_2004_TD_T 140927en_1.pdf	Securiton ASD 2004 Aspirating Smoke Detector Technical documentation T 140 927 en 1 17.06.2025 (ASD_2004_TD_T140927en_1.pdf)		