



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3778	3-Mar-2023	Number 4	Issue date 13-Mar-2025	30-Apr-2026

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Product designation

Siemens Cerberus PRO, FDA262, aspirating smoke detector (dual chamber)

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

Agent/distributor

Siemens Ltd.
885 Mountain Highway, BAYSWATER, VIC, AUSTRALIA, 3153

Registrant

Siemens Ltd.
885 Mountain Highway, BAYSWATER, VIC, AUSTRALIA, 3153

Producer

Siemens Schweiz AG
Theilerstrasse 1a, ZUG, SWITZERLAND, CH-6300

Conformance criteria and evaluation

The Siemens Cerberus PRO, FDA262, aspirating smoke detector (dual chamber) 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'.
2. Australian Standard AS ISO 7240.17:2021, 'Fire detection and fire alarm systems Part 17: Transmission path isolators'.

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. Compatibility of this equipment with new or existing control and indicating equipment should be verified prior to installation.
- ii. The products are supplied with labels as described in the report XF3571/R1.
- iii. 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 Siemens Cerberus PRO, FDA262, aspirating smoke detector (dual chamber) is for the addressed FDnet/C-NET detector line or for standalone operation.

- Detection of a wider spectrum of particle sizes in the air.
- Two independent detection chambers.
- Configuration via a wireless interface using an app.
- 'ASD Asyst Tool' software to assist with pipework configuration.
- Intuitive front indicator for airflow and smoke value.
- Cloud-enabled.
- Modular design.
- Different event protocols.
- Offline/online configuration supported.
- Slots for additional relay and 4...20mA cards.

The products have an integrated short-circuit isolator that operates automatically.

The Siemens Cerberus PRO, FDA262, aspirating smoke detector (dual chamber) has an additional fan level.

Technical specification

The following details are a representative extract of the technical specification for the Siemens Cerberus PRO, FDA262, aspirating smoke detector (dual chamber) and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of components and/or assemblies

The following is a schedule of validated components and/or assemblies of the certified/listed equipment.

Variant		Description	Software version
Type	Ident.		
Model num.	FDA262	Aspirating smoke detector	2022.10.01
	FDAZ295	Relay card	-
	FDAZ296	4...20 mA card	-

Schedule of properties/characteristics

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

	Parameter	FDA262		
General				
Alarm ranges for detection:	%/m obs	0.003...20		
Monitoring area (in accordance with local specifications and standards)	m²	6700 Class A: 3000		
Maximum pipe length • Single pipe (per air inlet) • Entire pipe system	m	250 1200		
Maximum number of aspirating holes	–	2 × 125		
Air intake pipe, exhaust pipe	mm	Outer Ø 25 Inner Ø 21		
Electrical				
Voltage range	19 V...30 VDC	✓		
Typical operating current: • Typical pipe system • Aspirator set to 'Medium' • Operating voltage DC 24 V • Brightness set to medium	mA	Normal operation 280 mA Alarm 300 mA		
Module Isolator Characteristics				
Maximum supply voltage			33 V DC	✓
Nominal supply voltage			32 VDC	✓
Minimum supply voltage			12 V DC	✓
Maximum continuous current with switch closed	1,5 A	✓		
Maximum switching current under short circuit conditions	2 A	✓		
Maximum leakage current with	1 mA	✓		

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	Parameter	FDA262
switch open		
Maximum series impedance with switch closed	0,4 Ohm	✓
Maximum voltage at which the device isolates	10,5 V DC	✓
Minimum voltage at which the device isolates	7,5 V DC	✓
Nominal relay contact Rating	2.0A @ 30VDC	✓
Environmental Condition		
Temperature	-20°C ...+60°C	✓
Relative Humidity	5% to 95%	✓
Flow fault	± 20% of the reference flow	✓
Protection category	30	✓
Mechanical		
Dimensions (WHD)	(262×326×124) mm	✓
Weight	2.625 kg	✓

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	XF3571/R1	Evaluation for conformity of the Siemens Cerberus PRO Models FDA261 and FDA262, aspirating smoke detectors to the requirements of AS 7240.20-2012 and AS ISO 7240.17:2021	02-Mar-2023	CSIRO, Fire Systems Laboratory, AU
	200173-AU01+SPB03-PB01	Laboratory for Fire Detection Systems (BMT) Test Report No. 200173-AU01+SPB03-PB01 on the testing of Aspirating Smoke Detectors Type FDA261 FDA262 submitted by Siemens Schweiz AG Theilerstrasse 1a CH-6300 Zug	12-Aug-2022	VdS, Köln, DE
	200173-AU01+UCE01-PB01	Test Services Environmental and EMC (UCE) Test Report No. 200173-AU01+UCE01-PB01 Testing of electromagnetic compatibility, interference immunity Aspirating Smoke Detector Type: FDA262 Applicant Siemens Schweiz AG Theilerstrasse 1a 6300 Zug Switzerland	20-May-2022	
	200173-AU01+SW02-PB01	Test Services Software Test Report No. 200173-AU01+SW02-PB01 Testing of software documentation Aspirating Smoke Detector Type: FDA261; FDA262 Applicant Siemens Schweiz AG Theilerstrasse 1a 6300 Zug Switzerland	28-Jun-2022	

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	200173-AU01-MMF01-PB01	Laboratory for Fire Detection Systems (BMT) Test Report No. 200173-AU01+MMF01-PB01 on the testing of Aspirating Smoke Detectors Type FDA261 FDA262 submitted by Siemens Schweiz AG Theilerstrasse 1a 6300 Zug Switzerland	11-Aug-2022	
Manual	A6V11783944_en--_b	SIEMENS Sinteso™ Cerberus™ PRO ASD Aspirating smoke detector FDA261, FDA262 Document ID A6V11783944_en--_b Edition 2022-07-11 (023_FDA26x_A6V11783944_en--_b.pdf)	28-Sep-2022	Siemens Switzerland Ltd., Zug, CH
	A6V11783970_en--_a	SIEMENS FDA261, FDA262 Installation Mounting A6V11783970_en--_a 2022-05-18 (Mounting and Installation 020_FDA26x_A6V11783970_en--_a.pdf)	29-Sep-2022	