



SECURITON

Securiton ASD 531 aspirating smoke detector, 1 pipe

Product code 61301 · Aspirating smoke detection > Detectors and sensors

Aspirating smoke detector for small monitoring areas. One sampling pipe, a pre-installed SSD 31 smoke sensor and commissioning on the device without software. EN 54-20, classes A, B and C.

- Tested to EN 54-20, classes A, B and C
- Monitoring area up to 720 m² and up to 75 m of pipe
- SSD 31 smoke sensor, alarm sensitivity 0.02–10 %/m
- Two slots for expansion modules
- Operating voltage 14–30 V DC, IP54



Product description

ASD 531 is an aspirating smoke detector in Securiton's SecuriSmoke range for small monitoring areas. The detector's fan draws air through the sampling holes of the sampling pipe and feeds it to the smoke sensor. Airflow monitoring detects pipe blockages and breakages. The pipe can be I-, U-, T-, H- or E-shaped.

The detector comes with a pre-installed SSD 31 smoke sensor with an alarm sensitivity of 0.02–10 %/m. Its three pre-signals are fixed at 30, 50 and 70% of the alarm threshold. Commissioning and settings are done with the rotary switches on the device (BasiConfig) without software. The pipe network can be designed with the ASD PipeFlow software.

The detector is connected to the fire alarm control panel via volt-free changeover contacts. The two expansion slots can take, for example, an RIM 36 relay module, which makes all three pre-signals and the sensor and pipe states available.

Technical data

Product code	61301
Manufacturer	Securiton
Manufacturer's code	ASD 531 (11-2000002-01-04)
Product group	Aspirating smoke detection > Detectors and sensors
Operating voltage	14–30 V DC
Current consumption (quiescent)	≈ 75 mA (24 V DC)

Current consumption (alarm)	≈ 80 mA (24 V DC)
Sampling pipes	1
Sensors	SSD 31 (included)
Sensitivity range (alarm)	0.02–10%/m
Detector class	EN 54-20, classes A, B and C
Monitoring area	Up to 720 m ²
Maximum pipe length	75 m
Maximum number of sampling holes	A 6, B 8, C 12
Sampling hole diameter	2–7 mm
Expansion module slots	2 (RIM 36, XLM 35)
Relays	Fault and alarm, 50 V DC / 1 A / 30 W
Sound pressure level	25 dB(A) / 1 m
IP rating	IP54
Operating temperature	–10...+55 °C
Storage temperature	–20...+70 °C
Humidity	95% (briefly, non-condensing), 70% (continuously)
Material	ABS blend, UL 94-V0
Dimensions	195 × 333 × 140 mm (W × H × D)
Weight	1,950 g
EN 54 approval	EN 54-20
VdS approval	G 215100
CPR	0786-CPR-21482

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Datasheet: ASD 531

Technical datasheet: ASD 531

User manual: ASD 531

User manual: ASD 531 (EN)

Certificate: CPR certificate of constancy of performance, no. 0786-CPR-21482

Certificate: Declaration of performance (DoP), no. CPR-11-16-106

Certificate: EU declaration of conformity

Certificate: VdS approval, no. G 215100

Document: Commissioning protocol ASD 531

Product catalogue (series): sampling pipe materials ASD 531–535 (DE/EN)

Product catalogue (series): SecuriSmoke ASD 2026 (Securiton)

Brochure (series): SecuriSmoke ASD

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/securiton-asd-531/