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SECURITON

Securiton ASD 535-3 HD aspirating smoke detector, 1 pipe

Product code 61308 · Aspirating smoke detection › Detectors and sensors

Aspirating smoke detector for medium-sized and large monitoring areas, for very dusty areas. One sampling pipe and a smoke level display; the SSD 535-3 CP sensor is ordered separately. EN 54-20, classes A, B and C.

- Tested to EN 54-20, classes A, B and C
- Up to 300 m of pipe
- Space for one SSD 535-3 CP sensor, alarm sensitivity 0.02–10 %/m
- Four expansion module slots (RIM 35, SIM 35, XLM 35, MCM 35)
- IP66, coated circuit boards, operating temperature −30… +60 °C

Product description

ASD 535-3 HD is an aspirating smoke detector in Securiton's SecuriSmoke range for medium-sized and large monitoring areas. It has one sampling pipe and space for one SSD 535-3 CP smoke sensor, which is ordered separately. The measured smoke level is shown on the bar graph display on the cover. Airflow monitoring detects pipe blockages and breakages. The Heavy Duty model is designed for very dusty and dirty areas: the enclosure is rated IP66 and the circuit boards and sensors are coated. An OPB 911 CP overvoltage protection board can be added.

Commissioning and settings are done on the device (EasyConfig) or with the ASD Config software. The pipe network can be designed with ASD PipeFlow. The fan has five speed levels.

The four expansion slots can take RIM 35 relay modules (up to two), an SIM 35 network module, an XLM 35 loop module and an MCM 35 memory card module.

Technical data

Product code	61308
Manufacturer	Securiton
Manufacturer's code	ASD 535-3 HD (11-2000036-01-02)
Product group	Aspirating smoke detection › Detectors and sensors
Operating voltage	10.5–30 V DC
Current consumption (quiescent)	≈ 260 mA (24 V DC)

Current consumption (alarm)	≈ 310 mA (24 V DC)
Sampling pipes	1
Sensors	1 × SSD 535-3 CP (ordered separately)
Sensitivity range (alarm)	0.02–10%/m
Sensitivity range (pre-signals)	0.002–9%/m
Detector class	EN 54-20, classes A, B and C
Maximum pipe length	300 m
Maximum number of sampling holes	A 18, B 56, C 120
Sampling hole diameter	2–7 mm
Expansion module slots	4 (RIM 35, SIM 35, XLM 35, MCM 35)
Display	Smoke level bar graph
Sound pressure level	34–41 dB(A) / 1 m (fan levels I–V)
IP rating	IP66
Operating temperature	−30…+60 °C
Storage temperature	−30…+70 °C
Material	ABS blend, UL 94-V0
Dimensions	265 × 397 × 148 mm (W × H × D)
Weight	3,555 g (with sensor)
EN 54 approval	EN 54-20, EN 54-27
VdS approval	G 208154
CPR	0786-CPR-21683

Documents

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

Datasheet: ASD 535
Technical datasheet: ASD 535
Installation guide: ASD 535
User manual: Maintenance manual ASD 535
User manual: Maintenance manual ASD 535 (EN)
Installation guide: opening the ASD 533 and ASD 535 housing
Certificate: CPR certificate of constancy of performance, no. 0786-CPR-21683
Certificate: Declaration of performance (DoP), no. CPR-11-20-111
Certificate: EU declaration of conformity
Certificate: VdS approval, no. G 208154
Document: Commissioning protocol ASD 535
Brochure: ASD 535 HD
User manual (series): ASD Config 2.6.0
Product catalogue (series): sampling pipe materials ASD 531–535 (DE/EN)
Product catalogue (series): SecuriSmoke ASD 2026 (Securiton)
Brochure (series): SecuriSmoke ASD

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