



Smoke Detector HDv 3007OS



- Stand-alone smoke detector, battery powered
- Optional relay / wireless modules available
- VdS approved (stand-alone version)
- Approved for the use in caravans and camper vans according to EN 14604, Appendix L
- 10 years battery life (stand-alone version)
- Easy base and detector installation via klick-in technology
- Intelligent evaluation sensor technology
- Battery charging control, pollution measurement and indicator
- Pre-alarm function for bedewing

Description & Features

Smoke detector with mute function

Intelligent stand alone smoke detector for early detection giving a local acoustic alarm in private and domestic applications in accordance to EN 14604. For the use in applications with demanding requirements e.g. caravans and camper vans again in accordance to EN 14604 Annex L. Includes an Lithium battery for a long term operation.

- Integrated professional smoke measuring chamber with the highest reliability to secure alarm verifications via 16 fold measurements and intelligent logics
- Intelligent analysis and disruption mode for the elimination of false alarms
- Periodic sensor tests of the smoke chamber
- Intelligent technology for smoke measurement under variations in temperature, no additional cost intensive heat sensor required
- Mute-function in accordance to EN 14604 for the deactivation of acoustic alarms for 10 minutes
- Easy activation of the mute-function and test-function via LED-mechanism
- Complies with industrial standards in accordance to IPC A-610 class 2
- Special designed housing for optimal smoke entry and acoustic alarm signal transmission
- Integrated Piezo buzzer for a loud acoustic alarm (> 85 dB)
- Integrated LED displaying alarm and fault conditions
- Suitable for the use in applications with demanding requirements e.g. vehicles in accordance to EN 14604 Annex L
- Integrated locking system for the protection against removal and tamper
- Indication of maintenance and service via optical and acoustic signals
- Suitable for a number of different fixing methods
- Easy mounting of the detectors in the base using Click-In-Technology

■ Technical Specifications

Operating Temperature	-10°C up to +60°C
Humidity	Max. 95%
Battery Type	9V Lithium battery (Ultralife U9VL-J-P and FDK CP-V9J)
Battery Lifespan	Approx. 10 years, if used as stand-alone detector under normal temperatures (15°C up to 25°C)
Air Speed	< 20 m/s
Protection Class	IP 40
Housing Colour	White (similar to RAL 9003)
Material	ABS
Dimensions	Height: 52 mm Diameter: 100 mm
Weight	Approx. 160g (incl. 9V Battery)
Standards	EN 14604

Options

Wireless SiWay Radio Module

The SiWay radio module is a radio-operated module for plugging into the HDV3007OS battery-operated smoke alarm device. The purpose of this module is to additionally signal local alarms to an intrusion system.



- SiWay radio module for smoke alarm HDv3007OS
- Transmission of alarm, supervision and low battery signal
- Seamless integration to SPC, Sintony and IC60 panels with SiWay

■ Technical Specifications

Wireless Protocol	Proprietary SiWay
Frequency Band	868 MHz
Wireless Module Range	Up to 300m on open space
Events	Alarm, tamper (pair), supervision, low battery
Operating Temperature	-10°C up to +50°C
General Remark	The lifespan of the battery mounted in the smoke detector is reduced to approx. 3 years under normal temperatures (15°C up to 25°C), when using the radio module.

Relay Module

Relay output module for the parallel control of external alarm devices in case of fire, e.g. additional devices for handicapped and hearing impaired persons. The Relay module is assembled in the smoke alarm device HDv3007OS. It allows the smoke alarm device to be connected to an alarm system or to other external alarm devices. With using a relay module the battery lifetime of the smoke alarm device will be reduced.



- Extension module for the smoke detector HDv3007OS without integral battery for the connection of external devices
- Easy and fast assembly plug-in module for the smoke alarm
- Connection of external devices to the change over contact
- External voltage supply for the connected device required
- Supply of the module via battery of the smoke alarm

■ Technical Specifications

Output	1 change over relay 30V DC / 2A
General Remark	The lifespan of the battery mounted in the smoke detector is reduced by using the relay module.

■ Ordering Information

Type	Art.-No.	Description	Weight
HDv3007OS	S54539-F130-A100	Smoke alarm device	160g *)
RM	S54539-F131-A100	Relay Module for HDv3007OS	10g
OPZ-W1-RFM6	S54539-F134-A100	SiWay radio module	10g
FICTEST	S54591-Z126-A100	Test gas for smoke detectors	92g

*) including 9V battery

The information in this document includes general descriptions of the technical possibilities, which need not be installed in each individual case. The desired performance characteristics must therefore be specified for the individual case when the contract is concluded.

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