Long life smoke alarm for residential applications



EN 14604, VdS 3131, **€**

Description

205 DC smoke alarms provide battery powered smoke detection and alarm functions within a single unit.

Advanced electronics in conjunction with a photoelectric smoke sensing chamber provide early detection of fire and high immunity against unwanted alarms.

205 DC smoke alarms are powered by a long-life lithium-ion battery and do not require a mains supply. Models with either user-replaceable and non-replaceable batteries are available.

Interconnectable 205 DC smoke alarms use a wireless transmission path. Configuration into a closed group ensures that other units within radio signal range are not affected by a test or fire alarm occurring within the configured group.

The 205 DC smoke alarm is suitable for general residential applications, and provides home owners and installers with an easy-to-install, long-life solution for life safety and property protection applications.

Features

- Photoelectric smoke sensing chamber technology
- Loud 85 dB sounder to alert occupants
- Integrated indicator provides visual indication of an alarm condition
- · Test and Hush features in a single button
- Test and Hush visual indicator
- Test button verifies battery and alarm operation
- Hush function temporarily silences unwanted alarms
- Smoke chamber fault audible and visual indication
- Hush function temporarily silences smoke chamber fault indication
- Low battery audible and visual warning indication
- Hush function temporarily silences low battery audible indication
- Interconnectable smoke alarms configurable into a closed group
- No limit for interconnectable units using the wireless transmission path
- Up to 10 years operation under normal conditions
- User-replaceable battery and non-replaceable battery models available
- Surface-mount device (SMD) circuit board design
- Attractive housing design, available with alternative top-cover styles
- Easy installation
- Low maintenance



205 DC smoke alarm

Compliance

205 DC smoke alarms have the following compliance.

	EN 14604 ^a	VdS 3131 ^{b, c}	CE d
205-004	✓	✓	✓
205-005	✓	_	✓
205-006°	✓	✓	✓
205-015	✓	✓	✓

^a EN 14604 Smoke alarm devices

Accessories

The following accessories are compatible with 205 DC smoke alarms with wireless interconnection.

Description	Part number	Datasheet
Alarm remote control	261-001	31-0084

^b VdS 3131 VdS Guidelines for Smoke Alarm Devices. Additional Requirements Requirements and Test Methods

^c Third-party conformance assessment has not been undertaken.

d Conformité Européenne

Specifications

Smoke chamber fault hush indication Smoke chamber fault hush indication Smoke chamber fault hush time 10 h Wireless Interconnection Wireless radio interconnection operating frequencies Number of interconnected devices Maximum distance between interconnected devices d Group mode configuration indication on master device Group mode connection indication on slave device(s) Flashing red LED every 0.5 s followed by a short audible sign	-	205-004		
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Miscellaneous	Storage temperature	(-25 ~ +80) °C		
	Storage humidity		(0 ~ 98) % RH, non-condensing	
Dimensions Φ 100 mm × 36 mm	Miscellaneous			
	Dimensions	Ф 100 mm × 36 mm		

^a Including all wireless interconnect devices configured in the same closed group.

b Wireless interconnection feature is disabled during a low battery condition. Each unit will continue to function independently as a stand-alone smoke alarm.

^c Following completion of a Test, the audible test signal from interconnected devices may take up to 10 s to silence. ^d Distance in free air.

Ordering Information

	Replaceable Lithium Battery	Wireless Interconnection
205-004	_	_
205-005	✓	✓
205-006	✓	_
205-015	_	✓

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