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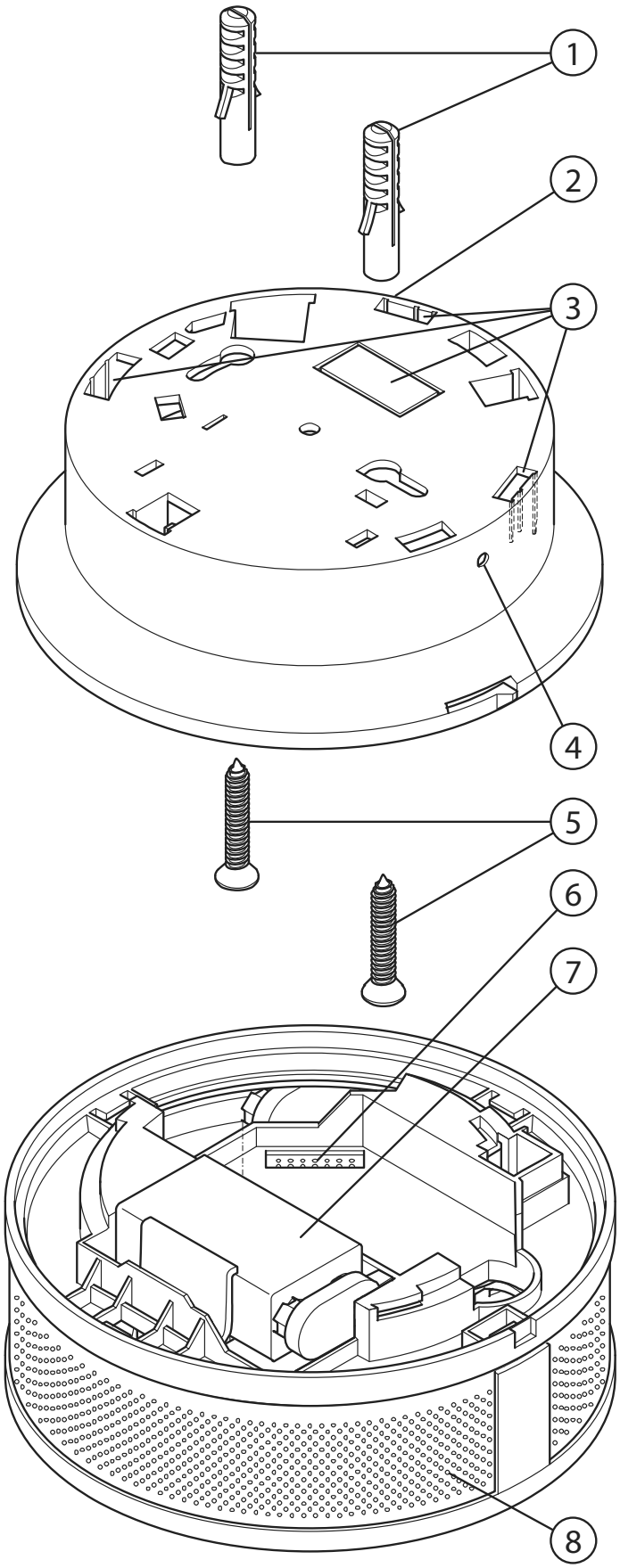
1 Product overview

The 230 V base is used to supply 230 V mains power to Smoke alarm device Dual/VdS. The battery fitted to the smoke detector is used for backup power in the case of a power outage.

Please note that when the 230 V base is used, the way the unit is installed and networked, and the signals that are produced, are different to those with battery-only operation. This manual describes these differences.

Other features

Please refer to the “Installation and User Manual - Smoke alarm device Dual/VdS” for information on all other features of the smoke detector, including deactivating smoke detection, function test, manually suppressing signals, changing the battery, and maintenance and cleaning instructions.



1 Screw anchor
2 Base
3 Cable slot (pre-punched)
4 LED indicator for 230 V mains (green)
5 Screws
6 Module interface
7 Block battery (9 V)
8 Smoke alarm device

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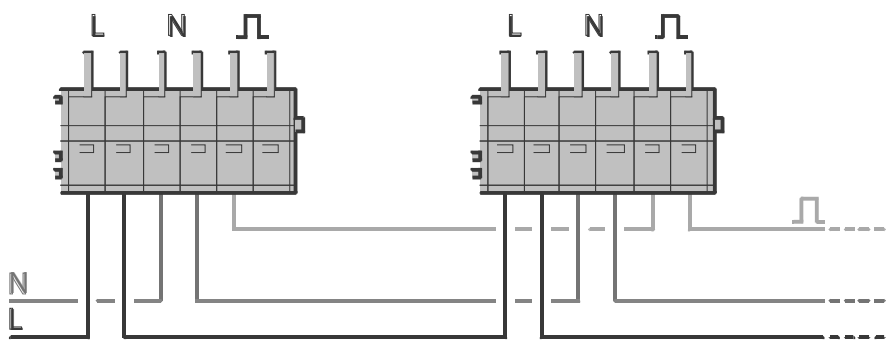
Caution

Electrical equipment must only be installed and assembled by trained electricians.

1) Use a suitable knife to cut out the pre-punched piece out of the cable slot before installing the base.
2) Fit the base using the installation kit provided.
3) Connect the 230 V power supply (L/N) to the terminal block as shown in the diagram. Ensure that the polarity is correct.
4) If required, create a network of multiple smoke detectors as shown in the diagram (⎍).



5) Switch off smoke detection if required (see “Installation and User Manual - Smoke alarm device Dual/VdS”).
6) Insert a radio or relay module if required (see corresponding Installation and User Manual).
7) Connect the 9 V block battery to the battery connector and insert the battery into the battery holder.

8) If it is necessary to prevent unauthorised removal of the smoke detector, then the removal protection mechanism should be enabled to lock the smoke detector onto the base. To do this, cut out the pre-punched section on the detector housing using a suitable knife (see “Installation and User Manual - Smoke alarm device Dual/VdS”). The locking mechanism can now only be opened using a tool.

9) Insert the smoke detector into the 230 V base and lock in place by turning gently clockwise.

10) Carry out a function test (see “Installation and User Manual - Smoke alarm device Dual/VdS”).

Fitting the battery

If the battery is not in place, then it will not be possible to lock the detector into the mounting plate or base. Only use IEC 6 LR 61, 9 V (Duracell Plus) block batteries in the smoke detector.

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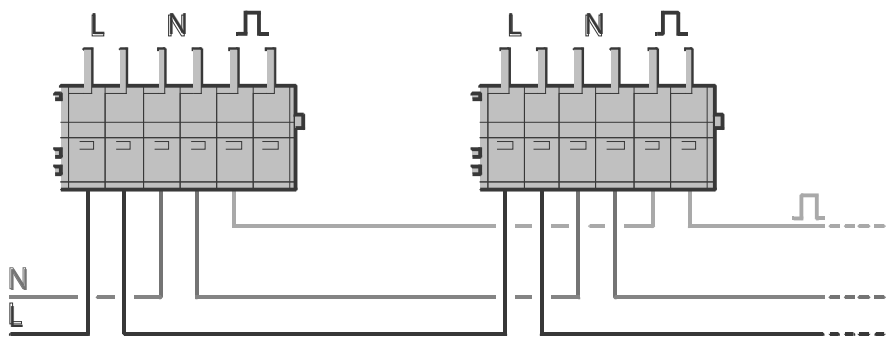
Caution

Electrical equipment must only be installed and assembled by trained electricians.

Up to 40 smoke detectors can be connected together in a network to allow an alarm to be sounded by all the smoke detectors in a dwelling. Connect the smoke detectors in parallel (cable type as per 230 V connector). If a minimum cable of diameter of 1.5 mm^2 is used, then the total cable length can be up to 400 m.

Proceed as follows to create a network of smoke detectors with 230 V bases:

1) Disconnect the 230 V base from the power supply.
2) Wire up the network of multiple smoke detectors as shown in the diagram (⎍).
3) Reconnect the 230 V power supply.

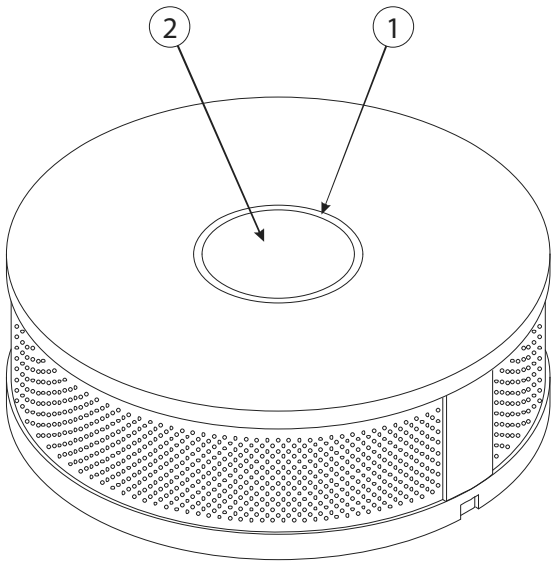


It is not possible to create a wired network with Dual/VdS smoke detectors.

General

Acoustic signal	Light ring	Meaning
Loud intermittent signal 85 dB (A)	Flashes rapidly	Local alarm - smoke or heat
8 short signals in 60-sec. cycle	-	Fault/soiling - cannot be deactivated
2 short signals in 60-sec. cycle	-	Battery change due (local)
1-sec. continuous signal 73 dB (A)	Continuously on (previous event was an alarm)	Function test (local), triggered by pressing the function button for at least 4 s
1-sec. continuous signal 73 dB (A)	Flashes rapidly (previous event was not an alarm)	Function test (local), triggered by pressing the function button for at least 4 s

Please note that the fault and battery change signals emitted by the light ring are different to those on a Smoke alarm device Dual/VdS that is powered by batteries only (see also “Installation and User Manual - Smoke alarm device Dual/VdS”, Section 4).



1 Light ring
2 Function button

For wired or radio-networked (if equipped with optional radio module) smoke alarm devices

The signals generated by the smoke alarm device that triggers the alarm are as described above. The other smoke alarm devices will also emit the following signals:

Acoustic signal	**Light ring**	**Meaning**
Loud intermittent signal 85 dB(A)	-	Alarm at networked detectors - smoke or heat
2 short signals in 60-sec. cycle	-	only for wireless network: Battery change due (remote signal)
1-sec. continuous alarm signal 73 dB (A) followed by 2 s pause	-	Function test, (remote signal) triggered by pressing the function button for at least 4 s

The function test is described in more detail in Section 7 of the “Installation and User Manual - Smoke alarm device Dual/VdS”.

5 Technical data

Rated voltage:	230 V
Battery in smoke detector:	9 V block alkaline, type: DURACELL PLUS/6LR61
Green indicator lamp:	230 V power indicator
Housing dimensions:	120 x 37 mm (Ø x H)
Plastic type:	PC+ASA
Operating temperature:	-5 °C to +50 °C
Storage temperature:	-20 °C to +65 °C
Weight (excl. battery):	Approx. 95 g
Protection rating:	IP 42 with smoke detector attached
VdS Approval:	See rating plate on smoke detector

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6 Warranty

We provide a warranty as provided for by law.

Please send the unit postage free with a description of the defect to our central customer service via your specialised dealer:

Gira
Giersiepen GmbH & Co. KG
Service Center
Dahlienstraße 12
42477 Radevormwald
Deutschland