(⊞) BOSCH

8-750-002-176

Door/window contact II plus
quick instructions

Product description

The door/window contact II plus detects open doors and windows and slight vibrations for improved security and energy efficiency.

Description of the symbols

Warning!
Note about hazards

Note:
Additional
important information

Note about the installation video

⚠ Safety instructions

▶ Do not charge used batteries, and do not attempt to reactivate them using heat or other means. Do not expose batteries to strong sunlight. Do not short-circuit batteries. Do not throw batteries into fire!
There is a risk of explosion!

- ▶ Make sure the polarity is correct when inserting the batteries! Only use batteries of the same type. Drained batteries must be removed from the device immediately. Remove batteries from the device if it is not in use for a long period of time. **Increased risk of leakage!**
- ▶ The device is not a toy! Do not allow children to play with it. Never leave the packaging material lying around unattended. Plastic film and small parts may pose a danger to children.
- ▶ Store small cells and batteries which could be swallowed out of the reach of children. Swallowing can result in burns, perforation of the soft tissue and death. Severe burns can occur within 2 hours after swallowing. In the event that a cell or battery is swallowed, seek medical assistance immediately.
- ▶ When remotely or automatically controlling a device, it is not always possible to guarantee that commands are actually executed or that the correct device status is displayed in the app and on other Smart Home display devices because of external circumstances. This may lead to material damage and/or personal injury. Therefore, you must ensure to the greatest extent possible that no person is endangered at the time of remote operation or automated control. Please take special care when setting up or adjusting the remote control or when using the automated control and check the desired functionality at regular intervals.

- ► Do not open up the device. It does not contain any parts to be maintained by the user. If a fault occurs, have the device checked by a specialist.
- ► We accept no liability for material damage or personal injury which is caused by improper use or failure to observe the safety instructions. In these cases, any guarantee claim becomes void! We accept no liability for consequential damage.
- ► This device may be used by children from 8 years of age and by persons with reduced physical, sensory or mental capacities, or a lack of experience and knowledge provided these persons are supervised or have been instructed in the safe use of the device, and understand the corresponding risks.
- ► For safety and approval reasons (CE/UKCA), the device may not be modified and/or no changes may be made to the device without authorisation.
- ► Any use other than that which is described in the user manual is considered improper and leads to the exclusion of guarantee and liability.
- ► Do not use the device if it has damage visible from the outside, for example, to the housing, control elements or connection sockets, or if it has a malfunction. If in doubt, please contact our service team.

- ▶ Please note that the emergency phone number in the app is not automatically called if the device detects a hazard. You must always make an emergency call if required!
- ▶ Please note that the device can only warn you via your mobile device if this is switched on and connected to the internet.
- ▶ Only use the device together with original components and recommended products from Bosch partners.
- ▶ With regard to the magnet supplied, maintain a minimum distance of 10 cm to 15 cm from a pacemaker. The magnets generate a field which can interfere with the functioning of pacemakers.
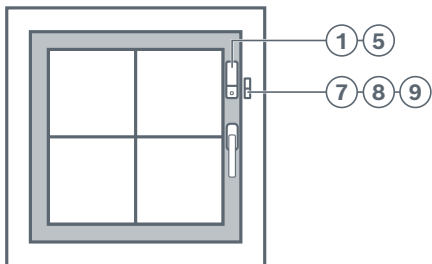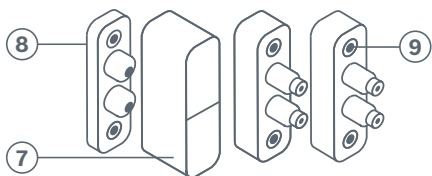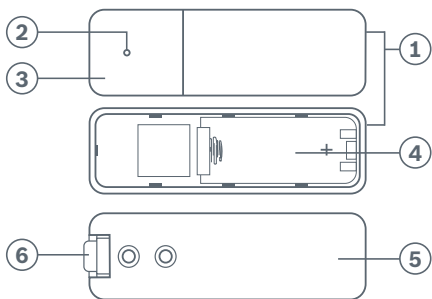
🛈 Notes

- ▶ The range within buildings can differ significantly from the range in open spaces. In addition to the transmitting power and the receiving properties of the receiver, environmental factors such as humidity, as well as the local structural situation, play an important role.
- ▶ The device is only suitable for use in residential environments.
- ▶ The device is only intended for private use.

▶ You can also use the explanatory videos and additional information on our website as an additional aid for mounting, installing, starting up and restoring the factory settings on your Bosch Smart Home door/window contact:
www.bosch-smarthome.com/rom/door-window-contact-2-plus

Item	Description
1	Sensor unit
2	Status LED
3	Operating button
4	Battery compartment
5	Mounting plate
6	Unlocking
7	Magnet unit
8	Magnet unit mounting plate
9	Magnet unit spacers for height compensation

Product overview

Start-up

Ensure that you have a Bosch Smart Home controller and the Bosch Smart Home app and have successfully configured both. Now start the Bosch Smart Home app and select "Add new device". Follow the instructions in the app.

Manually triggering individual automations

Pressing the operating button (3) for a short and long period of time can be configured individually in the app as triggers for automations.

Break function: Temporarily ignore sensor status

Pressing the operating button (3) twice activates the break function. After this is activated, the status of the door/window contact is temporarily ignored by the system for a one-time opening/closing process or for a specific amount of time. This function can be deactivated permanently in the device settings in the app.

Sensitivity setting

The sensitivity of the door/window contact vibration sensor can be adjusted or deactivated permanently in the device settings in the app.

The status LED (2) shows the status of the door/window contact using flashing codes.

Status LED	Device status	Recommended action
Flashes orange	Tuning mode (is active) or device is communicating with the controller	Please wait
Flashes green	Tuning mode (successful) or transfer successful / process confirmed	
Flashes red	Tuning mode (not successful) or process failed	If this is the first tuning attempt, please try again. Otherwise reset the device to the factory settings and contact the service department if necessary.
Flashes orange after the button is pressed twice	Break function is active	Open and close door/window 1x to end the status or wait until the device ends the status itself.
Continuously flashes red (every 15 s)	Fault detected (e. g. battery status, wireless connection)	Follow the instructions in the app (message centre).

Resetting to factory settings

You can reset the device to its factory settings as follows:

Remove the battery. While reinserting it, keep the operating button (3) pressed until the status LED (2) flashes orange. Release it briefly and press/hold it again until the LED lights green. If the LEDs light up red during the reset process, remove the battery again and repeat the process. The device then restarts. Please note that it can take a few seconds until the door/window contact is ready for operation again.

- ℹ When resetting to factory settings, the settings and information are only lost from the device and not from the Bosch Smart Home controller.
- ℹ To re-configure the device, first delete it in the device management section of the Bosch Smart Home app and then add it again in the usual configuring process.

Maintenance and cleaning
Removing or changing the battery

To remove or replace the battery, activate the unlocking (6) at the mounting plate (5) and then remove the sensor unit (1). Remove the battery. Take care to ensure the correct polarity when replacing them.

The device does not require maintenance. Leave any repairs to a specialist. Clean the device with a soft, clean, dry and lint-free cloth. When cleaning, do not use any cleaning agents containing solvents.

Environmental protection and disposal

Electrical or electronic devices which are no longer usable must be collected separately and disposed of via an environmentally friendly recycling facility (European Directive on Waste Electrical and Electronic Equipment). Use your country's specific return and collection systems when disposing of waste electrical or electronic devices.

Used batteries do not go in the household waste! Dispose of them at your local battery collection point!

Simplified declaration of conformity

CE Robert Bosch Smart Home GmbH hereby declare that the radio equipment type Bosch Smart Home BSEN-CV corresponds with the directive 2014/53/EU. The complete text of the EU declaration of conformity is available via the following web address:
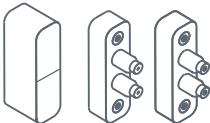https://eu-doc.bosch.com

UKCA Robert Bosch Smart Home GmbH hereby declares that the radio system type BSEN-CV complies with Regulation 2017. The full text of the declaration of conformity is available at the following internet address:
https://gb-doc.bosch.com

Technical data

Device type designation	BSEN-CV
Protection class	IP45
Ambient temperature	− 20°C … + 60°C
Max. humidity	85 % (non-condensing)
Dimensions (W × H × D)	
Sensor unit	22 × 75 × 23 mm
Magnet unit	13 × 46 × 23 mm
Spacer	13 × 46 × 9 mm
Weight	
Sensor unit	22 g (without battery)
Magnet unit	12 g
Spacer	4 g (2×)
Radio frequency band	2.4 – 2.4835 GHz
Radio protocol	ZigBee 3.0
Max. transmitting power	10 mW
Radio range in the open	< 100 m
Software class	A
Receiver category	2
Battery	1× CR123A
Battery lifespan (typical)	< 3 years

Technical modifications reserved

Spare parts

	Order no.	Description
	8-750-002-148	Magnet, white
	8-750-002-149	Magnet, anthracite
	8-750-002-151	Magnet unit + 2 × spacer, white
	8-750-002-150	Magnet unit + 2 × spacer, anthracite

Open source software

This Bosch Smart Home product uses open-source software. License information for the components used can be found on the cover sheet for the attached documents.

Service information

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