

Comfion Wireless-Door-contact 3 in 1

Art.-Nr. FUMK80100

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Opening detector, vibration detector or wireless module for wire detectors

All this is in the Comfion 3-in-1 wireless opening detector. Optionally individually or in combination.

Opening detector for windows and doors

The detector and magnet are attached to the frame and sash of the window or door. Any unauthorized opening is detected and reported to the alarm system, including breaking the window if a glass breakage detector is connected.

Vibration detector

The integrated acceleration sensor detects vibrations on the surface to which it is attached. For example, on objects that should not be moved or broken through: safes, display cases, works of art. It also monitors wooden doors, glass walls, plaster walls and window frames against break-ins and break-outs.

Radio module: wire becomes wireless

If a wire detector group is connected, the detector establishes a radio connection to the Comfion alarm system so that all existing detectors can continue to be used.

Secure radio, long range

The signal is securely encrypted and protected against tampering. With a range of up to 1,000m (free field), the detector has a stable connection to the alarm control panel from anywhere in the house - even in radio-inhibited buildings.

Technologies

- 3-in-1 wireless detector that can be used separately as an opening detector, vibration detector or wireless module for a wire detector connection – or in combination of the detector types; in a slim, only 24 mm wide device (battery operation)

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- Opening detector: Detects the opening of windows and doors and reports unauthorized attempts to the Comfion alarm system. Vulnerability monitoring at the house ensures secure and convenient presence protection.
- Optionally, a wire contact can be connected directly to the detector, for example as a glass breakage or opening detector
- Vibration detector: Detects vibrations when breaking open and through plaster walls, wooden doors, glass walls, safes and the movement of display cases, paintings and other objects
- Radio module: To integrate a wireless detector zone into the alarm system via radio, it is connected to the detector input
- Secure radio connection between Comfion alarm control unit and control panel, with a long range of up to 1,000 m (free field) and high tamper/data protection as in online banking (AES128 encryption)
- Flexible mounting with the magnet on the left or right, including shims for different heights
- Mechanical tamper protection against opening and dismantling
- Power-saving: up to 5 years of battery life
- Very safe and reliable thanks to EN50131 Grade-2 certification

Technical data - Comfion Wireless-Door-contact 3 in 1

Adjustable sensitivity	Yes, Vibration detection
Area of application	Interior
Battery - max. battery life	4,5 y
Battery - quantity	1
Battery - type	AA, 1,5V Alkaline
Certifications	EN 50131 Grade 2
Compatible with	Comfion
Dimensions	Sensor 24 x 90 x 26 / Magnet 9 x 44 x 16 mm
EN	Level 2
Environmental class	II
Gross weight	0,058 kg
Height	44 mm
Housing material	Plastic
Max. humidity	85 %
Max. operating temperature	40 °C
Max. receiving range (free field)	1.000 m
Max. transmission range (free field)	1.000 m
Min. operating temperature	-10 °C
Modulation	2FSK
Net weight	0,036 kg
PSTI conformity required	No

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Radio frequency	868 MHz
Radio power	25 mW
Sabotage monitoring	Yes
Security level	2
Sensor type	Reed-switch, accelerometer
Standard	EN 50131
Type of detection	Magnetic field measurement, Vibration detection
Voltage monitoring	Yes
Width	24 mm