

Wireless combined motion and glass-break detector

Code: JA-161PB

It is used for human motion detection in the interior of buildings and for detection of breakage of glass surfaces forming the building. The device is compatible with control panels JA-152KRY, JA-102K, JA-103K, JA-107K.



Product description:

It contains two independent detectors. It uses a PIR detector to detect the motion and a GBS detector to detect the breakage of glass surfaces. The GBS alarm is evaluated based on changes in air pressure and the characteristic sounds of glass breaking.

Technical information:

Power	2x alkaline battery type LR6 (AA) 1.5 V / 2.45 Ah Please note: Batteries are not included.
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Typical lifetime of batteries	approx. 2 years
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Low battery voltage	< 2.4 V
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Quiescent current consumption	53 μ A
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Maximal current consumption	50 mA
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Communication band	868.1 MHz, JABLOTRON protocol
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Maximum radio-frequency power (ERP)	< 25 mW
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Recommended installation height	2.2-2.5 m
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Detection angle / detection coverage (PIR)	110 ° / 12 m
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Detection angle / detection coverage (GBS)	90 ° / 9 m
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RF range	500 m (open area)
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GBS detection type	acoustic
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Dimensions	60 x 98 x 52 mm
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Weight (w/o batteries)	91 g
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Classification	security grade 2 / Environmental class II (according to EN 50131-1)
Environment	indoor general
Operating temperature range	-10 °C to +40 °C
Average operating humidity	75% RH, non-condensation
Certification body	Trezor Test (no. 3025)
Complies with	EN IEC 63000, EN 50130-4, EN 55032, EN IEC 62368-1, ETSI EN 300 220-1, -2, EN 50131-1, EN 50131-2-2, EN 50131-5-3, EN 50131-2-7-1, EN 50131-6
Can be operated according to	ERC/REC 70-03
Recommended screw	2 x  ø 3.5 x 40 mm (countersunk head)