Wireless mini magnetic detector



Code: JA-155M

A miniature wireless detector designed to detect the opening of windows or doors. Its compact size and various colour options ensure seamless integration with any interior. It is the successor to the popular JA-151M detector. The completely new electronics feature bidirectional communication, offering safer transmission and convenient configuration without the need for physical access to the peripheral. The improved mechanical design enables easier installation and more comfortable handling during battery replacement. The product is only compatible with the JA-102K, JA-103K, JA-107K, JA-152KR control panels or newer.

Product description:

Magnetic detectors enable the system to:

- Reliably detect intruders before they enter the premises.
- Protect the building envelope while allowing its occupants to move freely inside (e.g., night mode, constant presence of pets, etc.).
- Notify users of open windows upon leaving the premises.
- Efficiently control other home technologies, such as automatically switching off heating or ventilation when a window is open, or turning on outdoor lights when the door is opened, etc.

Technical information:

Power	1 x lithium battery, type CR2032, 3 V/230 mAh Please note: Battery not included
Typical battery lifetime	1.5 years
Low battery voltage	<2.6V
Quiescent current consumption	16 µA
Maximum current consumption	50 mA
Communication band	868.1 MHz, JABLOTRON protocol
Maximum Radio Frequency Power (ERP)	<25 mW
RF range	300 m (open area)
Dimensions of detector	28 x 58 x 17 mm
Dimensions of magnet	17 x 58 x 17 mm
Weight of detector (without battery)	13 g
Weight of magnet	16 g
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-condensing
Certification body	Trezor Test (no. 3025)
In compliance with	EN IEC 63000, EN 50130-4, EN 55032, EN ETSI 300 220-1, -2, EN 50131-1, -2-6, -5-3, EN IEC 62368-1
Can be operated according to	ERC/REC 70-03
Recommended screw	2x  ø 3,5 x 40 mm (flat head)