

JA-155M, JA-155M-BR, JA-155M-GR and JA-155M-AN

Wireless mini magnetic detector

Type: 5MAG2306RF

*The product is a component of the **JABLOTRON** system. It is used to detect the opening of doors, windows, etc. The detector can have either a status or impulse response. The detector is designed to be installed by a trained technician with a valid Jablotron certificate.*

Installation

1. Open the detector cover by pressing the latch (3).
2. Screw the housing part to the selected location on the door or window frame.
3. Insert the battery into the battery holder (5).
4. Replace the detector cover, snap into the cover latch (3) and secure with the supplied locking screw (2).
5. Screw the permanent magnet (4) onto the moving part of the window or door.

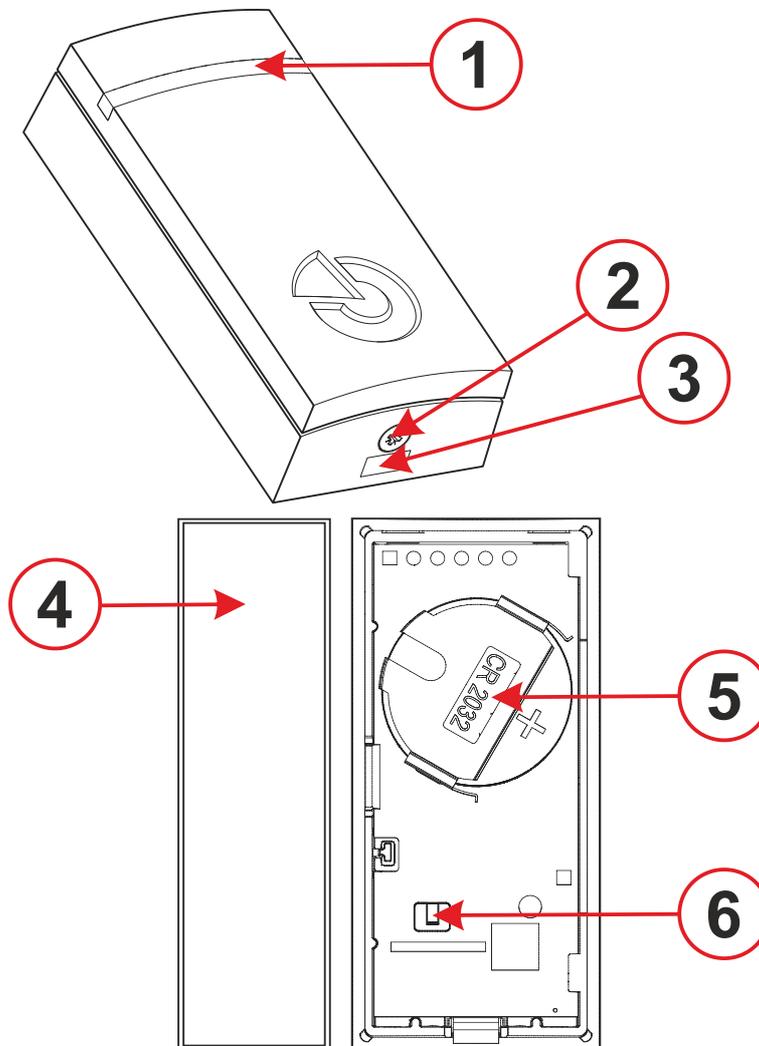


Figure 1: Description of external and internal parts of the product

1 – LED indicator; 2 – locking screw; 3 – cover latch; 4 – permanent magnet; 5 – battery holder; 6 – tamper switch;

Enrollment to the system and settings

Depending on the type of control panel, use the recommended software or application, see the control panel manual.

Technical parameters

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 μ A
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	28 x 17 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 62368-1
Can be operated according to	ERC/REC 70-03
Recommended screw	2 x  \varnothing 3,5 x 40 mm (flat head)



JABLOTRON a.s. hereby declares that the 5MAG2306RF product is in a compliance with the relevant Union harmonisation legislation: Directives No.: 2014/53/EU, 2014/35/EU, 2014/30/EU, 2011/65/EU, if it is used as intended.



The original of the conformity assessment can be found at www.jablotron.com Section Downloads.



Note: Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please return the product to the dealer or contact your local authority for further details of your nearest designated collection point.

JA-155M

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