

JA-155M, JA-155M-BR, JA-155M-GR, 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.

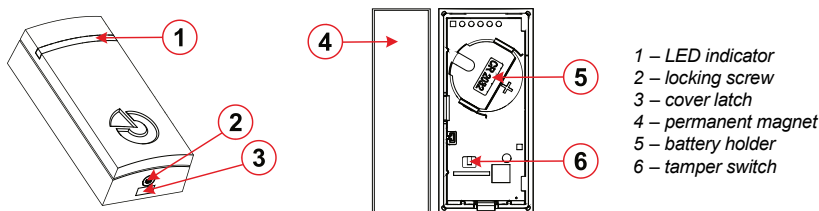


Figure 1: Description of external and internal parts of the product

Enrolment to the system and settings

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

Technical specifications

Power . 1x 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 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-condensation

Certification body Trezor Test s.r.o. (no. 3025)

In compliance with EN IEC 63000, EN 50130-4,

EN 55032, EN ETSI 300 220-2,

EN 50131-1, -2-6, -5-3, EN IEC 62368-1

Can be operated according to ERC/REC 70-03

Recommended screw 4x  ø 3 mm

(half-rounded 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.

For an electronic version of this document (available in other languages) or an installation version in JA-100+, scan the attached QR code.



JABLOTRON