



JA-153M Wireless magnetic detector with recognition of external magnetic fields

The product is a component of the JABLOTRON system. It is used for the detection of opening doors, windows, etc. The device has a selectable reaction (pulse or status).

It should be installed by a trained technician with a valid certificate issued by an authorized distributor.

This device is compatible only with JA-103K and JA-107K control panel units.

○ [Declaration of conformity - JA-153M \(PDF 677.5 kB\)](#)

Description

Technical specifications

Power 1x alkaline battery, type: AAA (LR03, 1.5 V/1.2 Ah)
Please note: Battery is not included.

Typical lifetime of battery about 2 years (max. 10 activation daily)

LowBatt state <0.95 V

Quiescent current consumption 50 μ A

Maximum current consumption 30 mA

Communication frequency 868.1 MHz, JABLOTRON protocol

Maximum radio-frequency power (ERP) <25 mW

Communication range approx. 500 m (unrestricted area)

Dimensions transmitter part 20 x 86 x 20 mm

Dimensions magnet part 16 x 55 x 15 mm

Weight (without battery) 25 g

Classification Security grade 3/Environmental class II (EN 50131-1)

Operational environment Indoor general

Operating temperature range -10 °C to +40 °C

Average operating humidity 75% RH, without condensation

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| Certification body | Trezor Test s.r.o. (no. 3025) |
| Complies with | EN 50131-1, EN 50131-2-6, EN 50131-5-3, EN 50131-6, ETSI EN 300 220-1,-2, EN 50130-4, EN 55032, EN 62368-1, EN IEC 63000 |
| Can be operated according to | ERC/REC 70-03 |