Bus-connected mini magnetic detector - anthracite



Code: JA-115M-AN

The JA-115M-AN is the smallest bus-connected magnetic detector in the JABLOTRON portfolio, designed to indicate the opening of windows and doors. The product is a modernised successor to the JA-111M module and features optimised hardware for maximum reliability in JABLOTRON 100+ and Mercury systems.

Product description:

The detector has been designed with an emphasis on discreet aesthetics and, above all, on making the installer's work easier during installation and servicing.

- **Optimisation of internal space**: The detector body has been extended by approx. 2 mm, creating the necessary space for easier handling of the bus wire and reducing the risk of component damage when closing the cover.
- **Smallest dimensions in the portfolio**: The miniature design makes the detector the ideal choice for discreet mounting directly onto window and door frames, where it minimally disrupts the interior appearance.
- **Improved mechanical design**: The new cover design makes it easier to open the detector during routine servicing.
- **Increased tamper resistance**: The redesign of the internal switch mounting eliminates the risk of false tamper alarms caused by twisting of the base or a loose cover.
- **Colour options**: The product is available in white, brown, grey and anthracite, allowing for precise matching with the colour of the window frame.
- **System compatibility**: The product is fully supported by the JA-102K, JA-103K, JA-107K and JA-108K control panels.
- **Certified reliability**: The detector meets the requirements for Grade 2 security in accordance with EN standards.

As part of the installation, the detector can be used not only for security functions but also for **smart control and home automation**, such as blocking the heating when a window is open.

This is a bus-based alternative to the JA-155M wireless magnetic detector.

Technical information:

Power	from control panel bus 12 V DC (8–15 V)
Quiescent current consumption	4 mA
Maximal current consumption	15 mA
Dimensions of detector	28 x 58 x 17 mm
Dimensions of magnet	17 x 58 x 17 mm
Weigh of detector	14 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 50131-1, -2-6
Recommended screw	4x ø 3 mm (half-rounded head)