

# AMD-102

## WIRELESS MAGNETIC CONTACT

The magnetic contact detectors belong to the essential perimeter security devices. They are used to protect doors, windows, etc. by triggering alarm when they are open. AMD-101 is a wireless model designed for operation as part of the **ABAX** two-way wireless system. The use of two built-in reed switches allows you to choose the method of installation: the magnet interacting with the sensor can be placed either under or at the side of the detector, depending on the needs. This detector allows expansion of the system: it has two additional inputs for connecting a wired roller shutter detector or another NC detector. The additional device is recognized by the system as a separate device, owing to the use of an independent channel. Additionally, AMD-102 is provided with tamper protection against opening of the enclosure or tearing off, and with test mode LED indicator. The device is compatible with **INTEGRA 128-WRL** control panel, **ACU-120**, **ACU-270** and the older **ACU-100**, **ACU-250** controllers, as well as with **ARU-100** radio signal repeater. It meets the requirements of EN 50131-2-6 for Grade 2.

The AMD-102 detector is available in two color versions: white (**AMD-102**) and brown (**AMD-102 BR**).

- two reed contacts for easy installation
- terminals for connecting external detector
- separate digital channel for external detector
- roller shutter detector interface with pulse analysis
- remote configuration
- tamper protection

## TECHNICAL DATA

|  |                   |
|--|-------------------|
| Additional input sensitivity             | 312 ms            |
| Environmental class                      | II                |
| Battery working time (in years)          | Estimated 3 years |
| Enclosure dimensions                     | 24 x 110 x 27 mm  |
| Operating temperature range              | -10...+55 °C      |
| Operating frequency range                | 868,0 ÷ 868,6 MHz |
| Standby mode current consumption         | 50 µA             |
| Max. current consumption                 | 16 mA             |
| Weight                                   | 56 g              |
| Radio communication range (in open area) | up to 500 m       |
| Battery                                  | CR123A 3V         |

