

ACU-270

MINIATURE ABAX WIRELESS SYSTEM CONTROLLER

The **ACU-270** controller can be used with the control panels of **INTEGRA** and **VERSA** families, allowing expansion of the system by adding wireless devices. It provides two-way communication with confirmation of all transmissions. It also allows the alarm system to be operated by means of wireless keypads as well as remote control keyfobs of the **ABAX** or **ABAX 2** bidirectional system.

The advantage of the **ACU-270** controller is its excellent range – up to 500 m in open area, obtained through the use of an advanced radio system. In addition, the **ACU-270** is installed in a compact enclosure. This makes the controller practically invisible.



- interfacing with the control panels of **INTEGRA** and **VERSA** families (connection through the communication bus)
- support for up to 48 wireless devices **ABAX** or **ABAX 2** (version 5.04 or higher) system:
 - detectors – ABAX system: **AFD-100, AGD-100, AMD-100, AMD-101, AMD-102, AMD-103, APD-100, APMD-150, AOD-200, AOCD-250, ARD-100, ASD-110, ASD-150, ATD-100, AVD-100**
 - detectors – ABAX 2 system: **APD-200, APD-200 Pet, APMD-250, AOD-210, AOCD-260, AXD-200, AGD-200, ASD-200, ASD-250**
 - sirens – ABAX system: **ASP-100 R, ASP-105 R, ASP-205 R**
 - sirens – ABAX 2 system: **ASP-200 R, ASP-215 R**
 - other – ABAX system: **ACX-200, ACX-201, ARF-100, ARU-100, ASW-100 E / ASW-100 F**
 - other – ABAX 2 system: **ACX-210, ACX-220, ASW-210**
- support for wireless keypads:
 - **INT-KWRL, INT-KWRL2** (up to 4 keypads)
 - **VERSA-LCDM-WRL, VERSA-KWRL2** (up to 6 keypads)
- support for up to 248 keyfobs (depending on the control panel): **APT-100, APT-200**
- two-way encrypted radio communication in the 868 MHz frequency band
- up-to-date radio system
- programming the controller via the control panel by using:
 - keypad in the service mode
 - **DLOADX** program
- RS-232 TTL port to connect a computer, which makes controller firmware update without having to dismantle the controller possible, as well as diagnostics from the **DLOAD10** program
- tamper switch responding to the enclosure opening/separation from mounting surface
- compact enclosure for easy installation in a suitable place

TECHNICAL DATA

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| Supply voltage | 12 V DC |
| Enclosure dimensions | 26 x 112 x 29 mm |
| Operating temperature range | -10 °C...+55 °C |
| Standby mode current consumption | 47 mA |
| Max. current consumption | 75 mA |
| Weight | 48 g |
| Maximum humidity | 93±3% |
| Operating frequency band | 868,0 ÷ 868,6 MHz |
| Radio communication range (in open area) | up to 500 m |
| Environmental class according to EN50130-5 | II |
| Complied with standards | EN 50130-4, EN 50130-5, EN 50131-1, EN 50131-3, EN 50131-5-3 |
| Security grade according to EN50131-3 | Grade 2 |

