

ACX-201

ZONES AND OUTPUTS EXPANSION WIRELESS MODULE

The ACX-201 wireless zones and outputs expander is an expansion module that enables wired devices to be included into the **ABAX** two-way wireless system. It is provided with 4 zones for connecting wired detectors, 4 relay outputs to operate e. g. sirens, and an NC type tamper switch. Additionally, the module has a built-in high-efficiency switching power supply with overload protection and battery status monitoring circuit. The maximum range of wireless communication is 500 m in open area. The ACX-201 expander is compatible with **INTEGRA 128-WRL** control panel, **ACU-120**, **ACU-270** and the older **ACU-100** and **ACU-250** controllers, as well as with **ARU-100** radio signal repeater.

- **ABAX** wireless interconnect for hardwired security equipment
- 4 zones: NO, NC, EOL, 2EOL/NO, 2EOL/NC configurations support
- 4 independent relay outputs
- tamper protection
- 1.2 A switching mode power supply with battery test and overload protection features

TECHNICAL DATA

| | |
|------------------------------------------------------|-------------------|
| Power supply rating | 1,2 A |
| Board dimensions | 147 x 70 mm |
| Operating temperature range | -10...+55 °C |
| Operating frequency range | 868,0 ÷ 868,6 MHz |
| Weight | 130 g |
| Maximum humidity | 93±3% |
| Current consumption from battery - standby | 75 mA |
| Battery failure voltage threshold (±10%) | 11 V |
| Battery cut-off voltage (±10%) | 10,5 V |
| Radio communication range (in open area) | up to 500 m |
| Environmental class according to EN50130-5 | II |
| Supply voltage (±10%) [V AC] | 18 V AC |
| Current consumption from the 230V network in standby | 60 mA |
| Maximum current consumption from the 230V network | 250 mA |
| Maximum current consumption from the battery | 150 mA |
| Relay outputs rating (resistive load) | 1000 mA / 24 VDC |
| Output voltage range | 10,5 V...14 V DC |
| Battery charging current | 350 mA |
| Power supply output voltage | 12 V DC ±15% |
| Current-carrying capacity, AUX1 output | 500 mA / 12 V DC |
| Current-carrying capacity, AUX2 output | 500 mA / 12 V DC |

