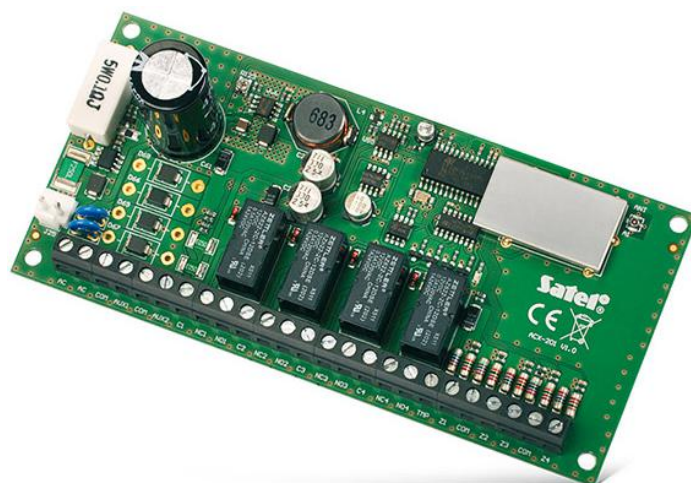


# ACX-201

## 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  |