

ACX-201

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



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