

ASW-210

WIRELESS TWO-CHANNEL 230 V AC IN-WALL CONTROLLER

The **ASW-210** module is designed to remotely switch on/off devices powered from 230 V AC mains. It operates as part of the **ABAX 2/ABAX** two-way wireless system.

The controller has compact dimensions and is designed for in-wall mounting.

The device is provided with two control inputs designed to connect e.g. wall switches (mono- and bistable).

Configuration and updating of firmware is carried out remotely. Radio communication in the **ABAX 2** system is AES encrypted.

- remotely switching on/off 230 V AC devices
- 2 control inputs
- compatible with:
 - ABAX 2 system controllers (**ACU-220** and **ACU-280**) and **ARU-200** radio signal repeater
 - ABAX system controllers (**ACU-120**, **ACU-270**, **ACU-250** or **ACU-100** (version 4.04 or higher)), **INTEGRA 128-WRL** system control panel and **ARU-100** radio signal repeater – the required version of the device firmware should be checked in its description on the website, while ASW-210 must be in version 1.01 or higher (firmware available in ABAX 2 Firmware for ACU220 / ACU-280 from version 6.02)
- range of radio communication in the open area:
 - in **ABAX 2**: up to 1000 m (with **ACU-220** or **ACU-280**)
 - in **ABAX**: up to 500 m
- remote configuration and firmware update
- compact dimensions
- in-wall mounting

TECHNICAL DATA

Operating temperature range	-10°C...+55°C
Weight	40 g
Maximum humidity	93±3%
Operating frequency band	868,0 ÷ 868,6 MHz
Environmental class according to EN50130-5	II
Complied with standards	EN 50130-4, EN 50130-5
Maximum power consumption	1 W
Radio communication range (in open area) for ACU-220	up to 1000 m
Radio communication range (in open area) for ACU-280	up to 1000 m
Wetting current	10 mA
Contact rating	5 A
Maximum switching power, AC1	1250 VA
Radio communication range (in open area) for ABAX	up to 500 m
Rated contact voltage	250 V AC
Load capacity of relay outputs in AC1 category	5 A / 250 V AC
Minimum switching power	50 mW
Electrical endurance (number of switching cycles), AC1 (360 cycles/h)	> 10 ⁵
Contacts resistance	≤ 100 mΩ

