ASW-210

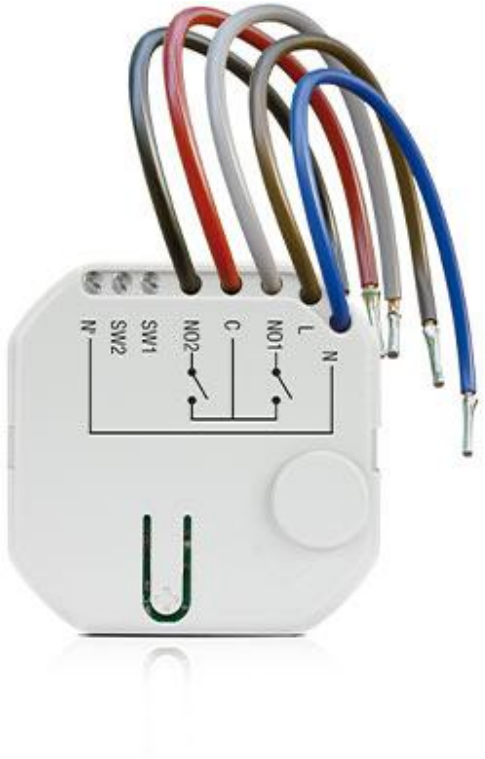
WIRELESS TWO–CHANNEL 230 V AC IN–WALL CONTROLLER

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
Supply voltage (±15%)	230 V AC, 50-60 Hz
Standby mode current consumption	5,5 mA
Weight	40 g
Maximum humidity	93±3%
Operating frequency band	868,0 ÷ 868,6 MHz
Dimensions	47 x 47,4 x 22 mm
Environmental class according to EN50130-5	II
Complied with standards	EN 50130-4, EN 50130-5
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