

ASW-210

WIRELESS TWO-CHANNEL 230 V AC IN-WALL CONTROLLER

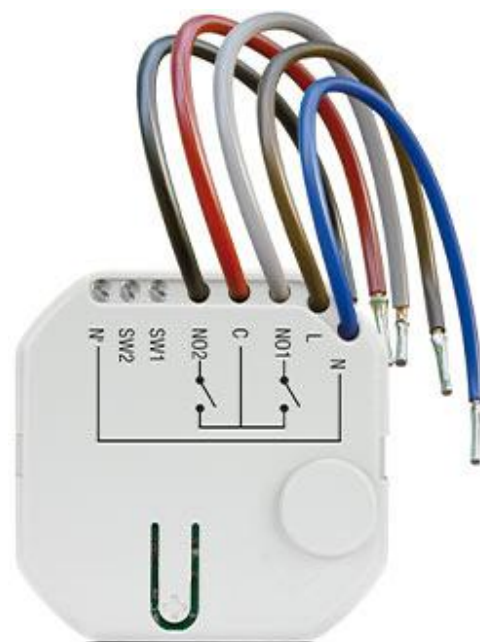
The **ASW-210** module is designed to remotely switch on/off devices powered from 230 V AC mains. It operates as part of the **ABAX 2/ABAX** two-way wireless system.

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 |
| Dimensions | 47 x 47,4 x 22 mm |
| Environmental class according to EN50130-5 | II |
| Complied with standards | EN 50130-4, EN 50130-5 |
| Supply voltage | 230...250 V AC, 50-60 Hz |
| 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 |