

WallSwitch

The radio channel controller allows to control domestic appliances remotely. It is used to switch on/off irons, garage gates, water heaters and heat-insulated floors.

- Authentication to prevent forgery
- Jamming detection and communication channels encryption
- Protected from power surges and overheating

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| With one click in the mobile application, the device switches domestic appliances on and off | The device switches off automatically during overcurrent, voltage surge and overheating | Information on energy consumption is available in the mobile application |
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Principle of operation

The device controls the electric power supply by means of relay, which closes and opens the power supply network.

Features

Operates in 110 V and 220 V mains. The meter shows the power consumption in real time.

Installation and set up

It is installed into a recessed wall plate and connected to the internal power supply network.

Tech specs

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| Classification | Radio channel relay unit |
| Device type | Wireless |
| Installation method | Into wall plate |
| Compatibility | Operates only with hub Ajax and ReX |
| Actuating element | Relay |
| Relay service life | 200,000 switch-ons |
| Voltage protection | For 230 V mains: max — 264 V, min — 161 V For 110 V mains: max — 126 V, min — 77 V |
| Maximum load current | 13 A |
| Maximum current protection | Yes (13 A) |

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| Maximum temperature protection | >65°C in the wall plate |
| Permissible power | Resistive load at 230 V — up to 3 kW Resistive load at 110 V — up to 1.5 kW |
| Electric power meter function | Available |
| Energy consumption parameter check | Current, voltage, power consumption |
| Alarm signal delivery time | 0.15 s |
| Power supply | 110–230 V±10% 50/60 Hz |
| Operation modes | <ul style="list-style-type: none"> • Impulse (firmware version 5.54.1.0 or higher) • Bistable |
| Contact state (firmware version 5.54.1.0 or higher) | <ul style="list-style-type: none"> • Normally open • Normally closed |
| Adjustable pulse duration (firmware version 5.54.1.0 or higher) | 0.5 – 255 sec |
| Jeweller radio technology | <p>Communication range with central unit — up to 1,000 m in an open space Two-way communication between devices Operating frequencies — 868.0-868.6 MHz Self-adjusting RF output power — up to 25 mW Block encryption based on AES algorithm Detector scanning period — 12–300 s</p> <p>Learn more about Jeweller ></p> |
| Operating temperature range | 0°C to +64°C |
| Permissible humidity | Up to 75% |
| Protection class of body | IP20 |
| Anti-sabotage | Protection against fraud Jamming detection |
| Remote setting and testing | + |
| Dimensions | 39 x 33 x 18 mm |
| Weight | 30 g |
| Certification | CE |
| Warranty | <p>Replacement and repair within 24 months of the date of sale.</p> <p>Learn more ></p> |
| Complete set | WallSwitch Installation set User's guide |