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

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

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

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)

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	• Impulse (firmware version 5.54.1.0 or higher) • Bistable
Contact state (firmware version 5.54.1.0 or higher)	• Normally open • Normally closed
Adjustable pulse duration (firmware version 5.54.1.0 or higher)	0.5 – 255 sec
Jeweller radio technology	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 Learn more about Jeweller >
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	Replacement and repair within 24 months of the date of sale. Learn more >
Complete set	WallSwitch Installation set User’s guide