

AJAX-WALLSWITCH

Power relay to control 110/230 V~ power supply remotely

AJAX

COP.



Classification	Radio channel relay unit
Device type	Remote-controlled
Installation method	Into wall plate
Compatibility	Operates with all Ajax hubs, range extenders
Actuating element	Relay
Voltage protection	For 230 V~ mains: maximum – 253 V, minimum – 184 V For 110 V~ mains: maximum – 132 V, minimum – 92 V
Relay service life	200,000 switch-ons
Maximum load current	13 A
Maximum current protection	Yes (13 A)
Maximum temperature protection	>65°C

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. Manufacture date from March 5, 2020) Bistable
Contact state	Normally open Normally closed
Adjustable pulse duration (firmware version 5.54.1.0 or higher)	1-255 sec
Jeweller radio technology	<p>Communication range with central unit — up to 1,000 m in an open space Two-way communication between devices</p> <p>Radio frequency bands: 866.0 – 866.5 MHz 868.0 – 868.6 MHz 868.7 – 869.2 MHz 905.0 – 926.5 MHz 915.85 – 926.5 MHz 921.0 – 922.0 MHz (depends on the region of sale)</p> <p>Self-adjusting RF output power — up to 20 mW Block encryption based on AES algorithm Detector scanning period — 12-300 s</p>
Operating temperature range	From 0°C to +64°C
Protection class of body	IP20
Dimensions	39 × 33 × 18 mm