AJAX-AD-SP-B

Ajax - Automation - Black Wireless Smart plug with energey consumption monitoring funtion

Product Overview

Ajax - Automation - Black Wireless Smart plug with energey consumption monitoring funtion, Type f Socket, Control appliances with Power consumption up to kW, Set schedules, Alarms reactions, 1948544-34-WH1

Specifications

Features:

Everything is ready by the time you get home
You will come back home to enjoy comfortable climate and cozy atmosphere all year round. Turn on your heating devices during winter and air conditioner during summer. Start your humidifier and heat water for your bath: do it all with only a few taps in the app on your way home.

No more worries about forgetting an iron on
When you leave your house, close the door and arm the system. All top energy consuming and dangerous appliances will be automatically switched off. Iron, heater, and toaster will no longer create a risk of fire.

Identifies power vampires
Socket informs you about the most power consuming devices. As soon as an appliance starts consuming electricity, Socket's LED changes colour in real time.

Socket consumes less than 1 W in the standby mode

Complies with electrical safety standards
Socket complies with the standards for electrical appliances ensuring your safety. Each smart plug is fully tested: quality of materials, effect of high temperatures, ability to work for a long time under load.

Protects your curious little ones
Special shutters inside the Socket protect your children and prevent them from inserting screwdrivers, scissors, or hairpins. They also protect from dust and splashes.

Safeguard in the power grid
The device connects to the 230 V AC source and closes/opens the circuit on command. The smart plug can handle loads of up to 2.5 kW, which is enough to connect a very power-hungry devices.

- Operates in bistable or pulse modes
- Protects devices against overcurrent and voltage surges

Always in touch
We developed the Jeweller radio protocol to ensure uninterrupted interaction of all security system devices. The radio protocol uses frames to synchronize device communication, authentication to prevent forgery, and encryption to protect against hacking.

- Two-way communication at a distance of 1000 meters
- 5 radio signal range extenders in the system
- Command delivery in0,15 s
- Adjustable polling from12 s

Home and office automation
Use scenarios to make life safer and more comfortable. Set your office lights to turn off automatically on arming, program your projectors to turn on when outdoor motion detectors identify intruders, or turn on your toaster at a certain time in the morning.

Simple connection
Socket can be connected and set up in a matter of minutes. To add a Socket to the system, scan a QR code with the Ajax app, name it and assign a room. The device and automation scenarios are also configured in the app in real time.

Specifications:

Classification	Smart socket
Device type	Remote-controlled
Installation method	In outlet
Compatibility with hubs	All hubs
Compatibility with range extenders	All radio signal range extenders
Actuating element	Electromagnetic relay
Service life	At least 200,000 switches
Power supply voltage range	110-230 V~ +/- 10%, 50/60 Hz
Output power (resistive load at 230 V)	Up to 2.5 kW
Device energy consumption	<= 1 W

Maximum current protection	Yes
	11 A if the protection is turned on
	13 A if the protection is turned off
Maximum temperature protection	Yes, +85degC
	The socket turns off automatically if the temperature is exceed
Overvoltage protection	Yes
	min - 184 V~
	max - 253 V~
Electric shock protection class	Class I (with grounding terminal)
Energy consumption parameter check	Yes (current, voltage, power consumption)
Load indicator	Yes
Maximum load current	11 A (continuous)
	13 A (up to 5 sec)
Alarm signal delivery time	0.15 sec
Load indicator	Yes
	The option of adjusting the brightness of the LED frame of the device (high or low)
Operation modes	Pulse (firmware version 5.54.1.0 or higher. Manufacture date from March 4, 2020)
	Bistable
Contact state (firmware version 5.54.1.0 or higher)	Normally open
	Normally closed
LED indication	Adjustable (LED frame, 7 colours)
Adjustable pulse duration (firmware version 5.54.1.0 or higher)	1-255 sec
Jeweller radio technology	Communication range with the central unit - up to 1,100 m in an open space
	Two-way communication between devices
	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)
	Self-adjusting RF output power - up to 20 mW
	Block encryption based on AES algorithm
	Detector ping interval: 12-300 s

Anti-sabotage	Protection against forgery
	Jamming detection
Remote setting and testing	+
Operating temperature range	From 0degC to +40degC
Operating humidity	Up to 75%
Ingress protection	IP20
Overall dimensions	65.5 x 45 x 45 mm (with plug)
Weight	58 g

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/AJAX-AD-SP-B-Ajax-Automation-Black-Wireless-Smart-plug-with-energey-consumption-p-294781.php

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