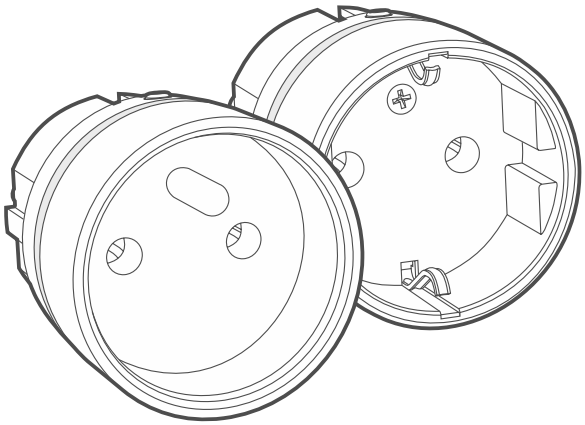
Smart Plug

ASW-200

EN

Firmware version 1.02



CE

asw-200_BW_en 08/26

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IMPORTANT

The device should be installed by qualified personnel.

Changes, modifications or repairs not authorized by the manufacturer shall void your rights under the warranty.

Description of symbols on the device:

The device meets the requirements of the applicable EU directives.

The device must not be disposed of with other municipal waste. It should be disposed of in accordance with the existing rules for environment protection (the device was placed on the market after 13 August 2005).

The device is designed for indoor installation.

The device meets the technical regulations of the Eurasian Customs Union.

Alternating current (AC).

SATEL aims to continually improve the quality of its products, which may result in changes in their technical specifications and software. Current information about the changes being introduced is available on our website.
Please visit us at:
https://support.satel.pl

Hereby, SATEL sp. z o.o. declares that the radio equipment type ASW-200 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.satel.pl/ce

Signs in this manual

Caution – information on the safety of users, devices, etc.

Note – suggestion or additional information.

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The ASW-200 plug (Smart Plug) is used to turn ON / OFF any 230 VAC electrical appliance connected to its outlet. The manual applies to the plug installed in the BE WAVE system.

1. Features

- Control of 230 VAC electrical appliances up to 2300 W.
- Relay switched on when the voltage is at the zero cross point.
- Operation in the 868 MHz frequency band.
- AES encrypted two-way radio communication.
- Transmission channel diversity – 4 channels for automatic selection of the one that will enable transmission without interference with other signals.
- Remote settings programming.
- Remote firmware update.
- LED indicator.
- Firmware protection against overload and overheating.
- Powered by 230 VAC.

2. Description

1

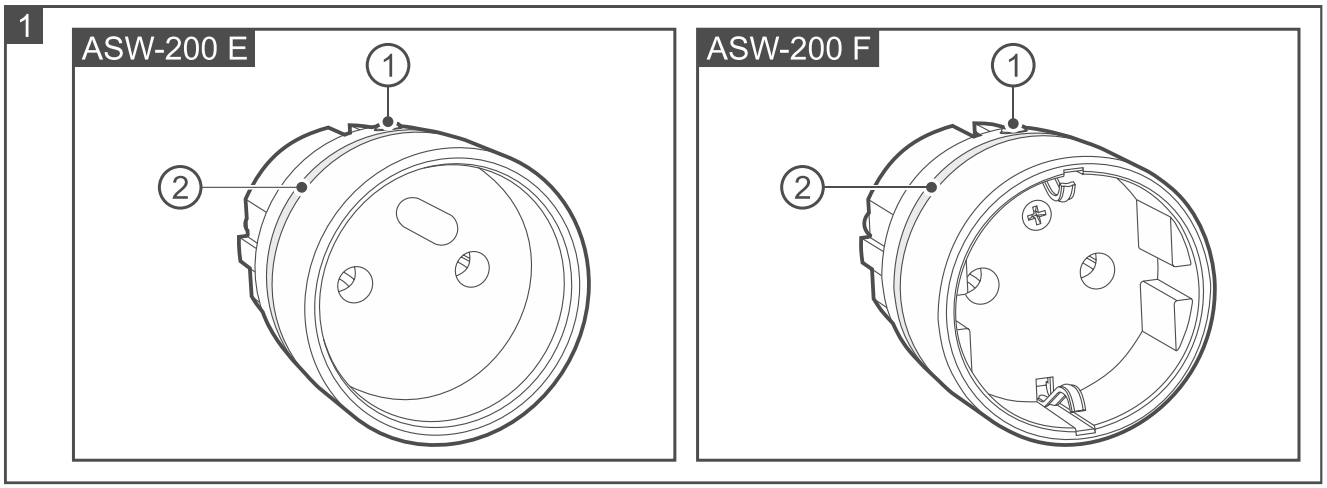


Figure 1 shows the plug in two variants:

- ASW-200 E with E type socket (EURO),
- ASW-200 F with F type socket (SCHUKO).

① button.

② LED indicator.

2.1 LED indicator

You can configure the LED indicator in the Be Wave app / BE WAVE Soft program. When enabled, the LED indicator indicates:

ON – plug is turned on. In the plug settings you can select whether the color should be dependent on the power consumption or it should be one color.

flashing in yellow – plug is turned off due to overload. The power consumption of the appliance connected to the plug exceeds 2300 W and the plug cannot control it.

flashing in red – plug is turned off due to overheating. The plug will go back to work when it cools down.

2.2 Button

Press – turn on / off the plug (device connected to the plug).

Press and hold for 10 seconds – block / unblock the capability to add the plug to the system.

3. Installation

Do not use the plug at locations above 2000 m above sea level.

3.1 Tips for installation

- The plug should be installed indoors, in spaces with normal air humidity.
- Do not install the plug outdoors.
- When selecting a place of installation, consider the radio communication range.
- Thick walls, metal partitions, etc. reduce the range of the radio signal.
- You can connect a 230 VAC appliance up to 2300 W to the socket (do not use the plug to control appliances whose current consumption is greater than 10 A).

For loads other than resistive, it should not exceed 3 A at 230 VAC. The power factor (cosφ) must be equal to or greater than 0.4.

3.2 Initiating the plug

Add the plug to the system (see the manual for the BE WAVE system controller or the BE WAVE Hybrid system control panel). When a request to turn on the device will be displayed, connect the plug to the 230 VAC outlet.

4. Specifications

Operating frequency band ..... 868.0 MHz ÷ 868.6 MHz
Radio communication range (in open area) ..... up to 1300 m
Supply voltage ..... 230 VAC, 50 Hz
Standby power consumption ..... 0.73 W
Maximum power consumption ..... 1.37 W
Rated current (resistive load) ..... 10 A
Complied with standards ..... EN 50130-4, EN 50130-5
Environmental class according to EN 50130-5 II
Operating temperature range ..... -10°C...+55°C
Maximum humidity ..... 93±3%
Dimensions:
- ASW-200 E ..... ø45 x 67 mm
- ASW-200 F ..... ø45 x 70 mm

Weight:
- ASW-200 E ..... 60 g
- ASW-200 F ..... 61 g