Socket (type F) Jeweller

Smart plug with power consumption monitoring



Automation scenarios

Scenarios offer a new level of comfort and protection for users. Socket (type F) Jeweller supports the following types of automation scenarios:

- Security mode change reactions
- Scheduled actions
- Alarm reactions
- Temperature, humidity, and CO_2 level reactions
- LightSwitch activation reactions
- Button press reactions

Next-level comfort

- Automation scenarios
- Remote control of connected appliances via Ajax apps

Controlled consumption and protection

- Power consumption monitoring
- Control of appliances with power consumption up to 2.5 kW
- Protection from overcurrent and voltage surges
- Bistable and pulse operating modes[1]

Jeweller communication technology

- Up to 1,000 m of radio communication in open space
- Adjustable polling interval

Quick installation and setup

- Adding to an Ajax system via QR code
- Remote configuration in Ajax apps

Compatibility with hubs and range extenders

For detailed information, scan the QR code or follow the link:

ajax.systems/tools/devices-compatibility/?models=SK.F.J

Communication with a hub or range extender

Jeweller radio communication technology

Communication range
up to 1,000 m
In open space

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 sales region

Maximum effective radiated power (ERP)
≤ 25 mW

Polling interval
12–300 s
Configured in the app

Power

Main power supply
230 V, 50 Hz

Maximum load current
11 A (continuous)
13 A (up to 5 s)

Output power
up to 2.5 kW

Features

Control via smartphone

Load indication
LED frame, 7 colors

Power consumption monitoring

Operating modes
pulse
bistable

Electrical parameters available in the app
current, voltage, power, and consumed energy

Protection

Voltage protection threshold
below 184 V~
above 253 V~

Temperature protection threshold
+85 °C

Installation

Operating temperature
0 °C to +40 °C

Operating humidity
up to 75%

Enclosure

Color
white, black

Dimensions
69.5 × 45 × 45 mm
With pins
51 × 45 × 45 mm
Without pins

Weight
58 g

Protection class
IP20

Complete set

Socket (type F) Jeweller
Quick start guide

[1] Socket (type F) Jeweller with firmware version 5.54.1.0 or later supports **Pulse mode**.

For detailed information, scan the QR code or follow the link:

ajax.systems/support/devices/socket-type-f/

support@ajax.systems
@AjaxSystemsSupport_Bot
ajax.systems