

Tech specs

Outlet [type F] Jeweller

Smart wall outlet with power consumption monitoring



Device compatibility

Check

Components

Relay

OutletCore (smart) [type F] Jeweller

To control the power supply of the outlet.



Cover

All covers consist of two elements of the same color: the front panel and the receptacle cap.

SoloCover (smart) [type F]

It is used when the outlet is installed as a separate device.



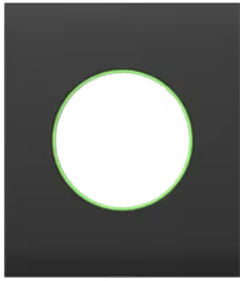
SideCover (smart) [type F]

It is used when the outlet is installed on the right or left of the device set.



CenterCover (smart) [type F]

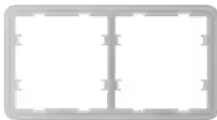
It is used when the outlet is installed between the device set.



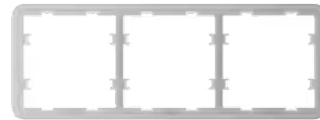
Frames

Frames for two, three, four, and five Ajax outlets and switches in any combination.

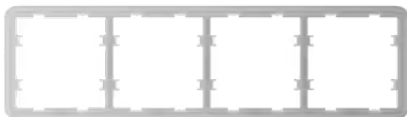
Frame (2 seats)



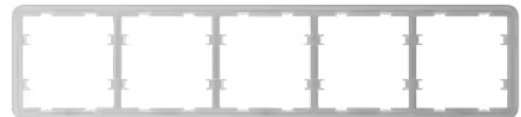
Frame (3 seats)



Frame (4 seats)



Frame (5 seats)



Configuration

Single outlet

Outlet [type F] Jeweller is installed as a separate device.



Combined outlet

Outlet [type F] Jeweller is combined as a set with Ajax smart outlets and/or LightSwitch switches and installed into Frame side by side.

[Learn more](#) >



Cover colors

Black

RAL 9005



White

Graphite

RAL 7024



Ivory

RAL 9003



RAL 1013

**Fog**

RAL 7047

**Oyster**

RAL 9002

**Grey**

RAL 7004

**Olive**

RAL 7044



The RAL colors are as close as an approximation of the actual color. However, they may slightly differ, so please only use them as a guide to the color choice.

Communication

Jeweller communication technology

Proprietary wireless communication technology to transmit commands, alarms, and events.

Key features:

- Two-way communication.
- Advanced anti-sabotage.
- Block encryption featuring a dynamic key.
- Instant notifications.
- Remote configuration via the Ajax apps.

[Learn more](#) >

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)

up to 20 mW

Radio signal modulation

GFSK

Radio signal range

up to 1,100 m

Between device and hub (or range extender) in an open space.

Calculate the radio signal range at the facility >

Encrypted communication

All the data stored and transmitted are protected by block encryption featuring a dynamic key.

Radio frequency hopping

Radio communication uses frequency hopping to prevent interception and jamming.

Learn more >

Key features

Control via smartphone

The user can set up the outlet configurations and receive a detailed event log in the Ajax app.

Automation scenarios

- security mode change reactions
- scheduled actions
- alarm reactions
- temperature scenarios
- humidity scenarios
- CO₂ level scenarios
- by pressing LightSwitch

Learn more >

Energy consumption monitor

Control of the current, voltage, power consumption, and electric energy consumed by connected appliances. All data is saved to the non-volatile memory and can be reset in the Ajax app.

Shutoff timer

Adjustable timer to turn off the connected appliances after the expired time: from 10 seconds to 2 hours.

Touch button

For manual control of the power supply to plugged-in devices. It can be enabled in the Ajax app.

LED indication

Informs about the outlet's state and the power consumption of connected appliances with different colors. The brightness of the LED frame can be adjusted or turned off in the Ajax app.

Night backlight

Optional and can be turned off in the Ajax app device settings.

Operation modes

- pulse
- bistable

Contact state

normally open

Children protection

The outlet is equipped with special internal shutters. They protect children by preventing them from inserting items like screwdrivers, scissors, or hairpins into the outlet, and also guard against dust and splashes.

Service life

At least 150,000 switches.

Recommendations

The device is designed for indoor use only. A professional electrician should install the device.

Sabotage protection

Protection against spoofing

device authentication

Communication loss detection

after 36 s

Detection time depends on the Jeweller or Jeweller/Fibra settings.

Learn more >

Power supply

Power supply voltage

230 V~, 50 Hz

Average consumption

up to 1.5 W

Output power

up to 3 kW (resistive load at 230 V)

Current protection

1 A–16 A

Once the current exceeds the selected value, the outlet turns off automatically. The recommended value is 13 A for permanent load and 13–16 A for short-term load.

Voltage protection

min — 184 V~

max — 253 V~

Once the voltage exceeds the specified levels, the outlet turns off automatically.

Temperature protection

more than +95 °C

If protection is triggered, the outlet turns off.

Electric shock protection class

Class I (with grounding terminal)

Operating parameters

Operating temperature range

from 0 °C to +40 °C

Operating humidity

up to 75% with no condensation

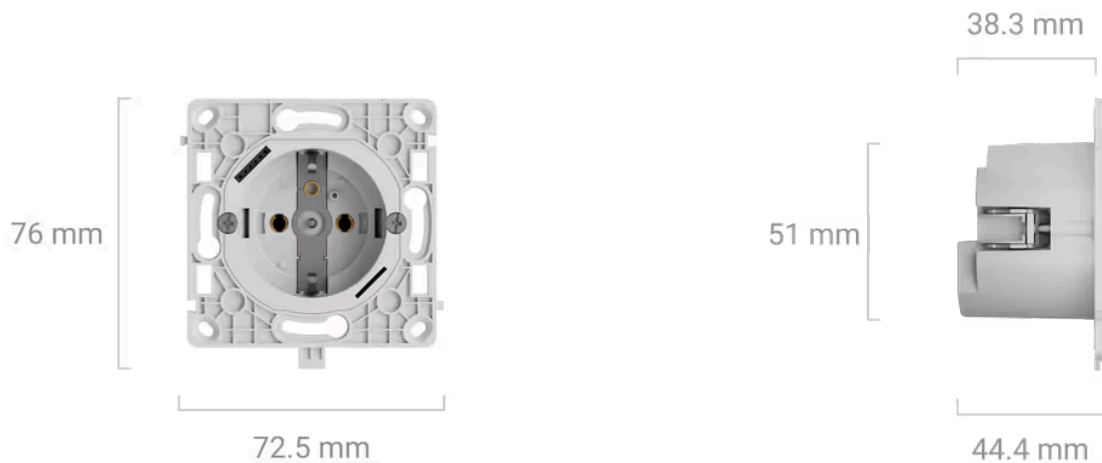
Protection class

IP20

Dimensions

OutletCore (smart) [type F] Jeweller

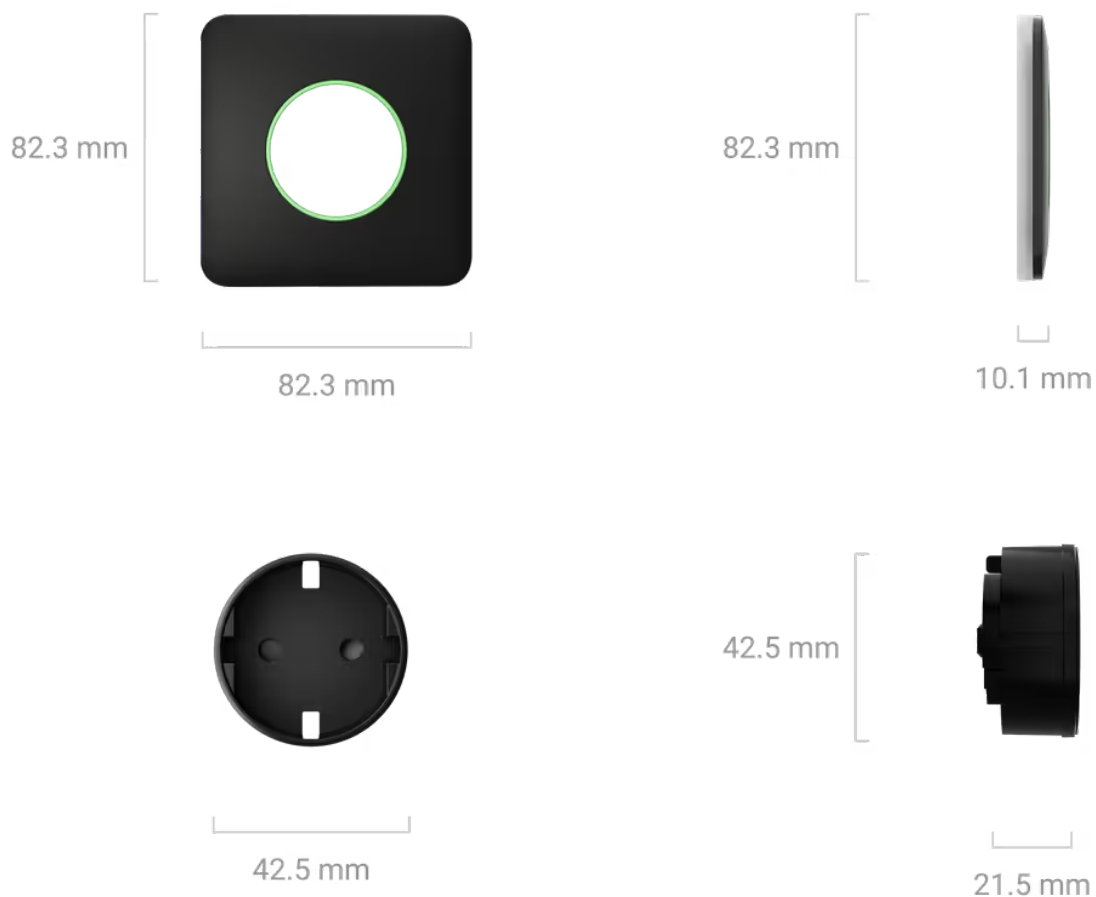
72.5 × 76 × 44.4 mm



SoloCover (smart) [type F] Jeweller

front panel —82.3 × 82.3 × 10.1 mm

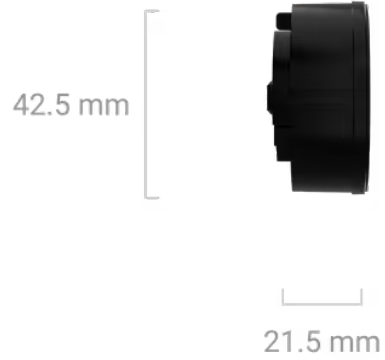
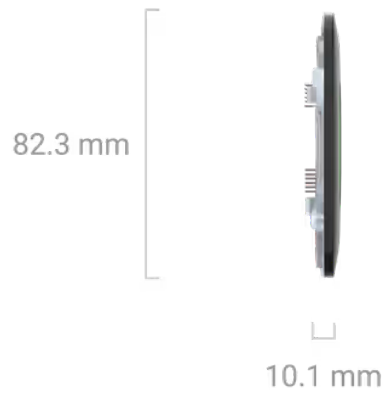
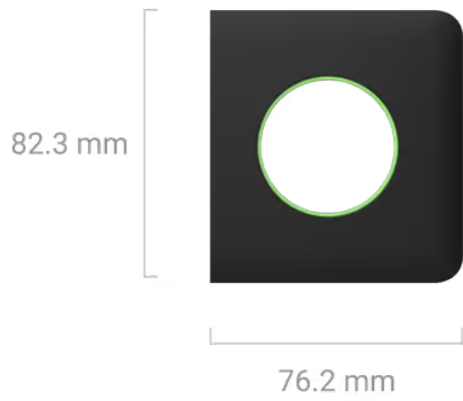
receptacle cap —42.5 × 21.5 mm



SideCover (smart) [type F] Jeweller

front panel —82.3 × 76.2 × 10.1 mm

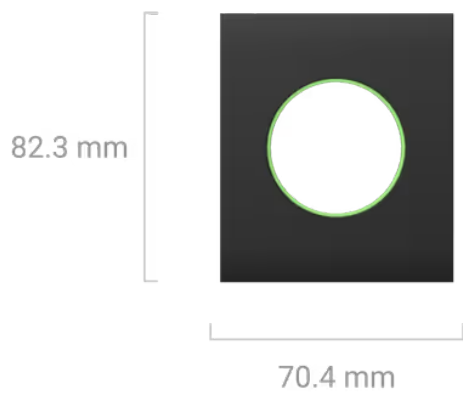
receptacle cap —42.5 × 21.5 mm



CenterCover (smart) [type F] Jeweller

front panel – 82.3 × 70.4 × 10.1 mm

receptacle cap – 42.5 × 21.5 mm





42.5 mm

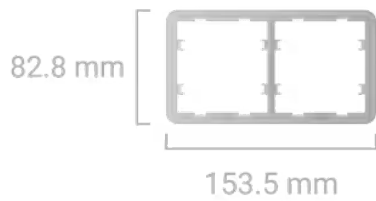


42.5 mm

21.5 mm

Frames

Frame (2 seats) – 82.8 × 153.5 × 6.3 mm



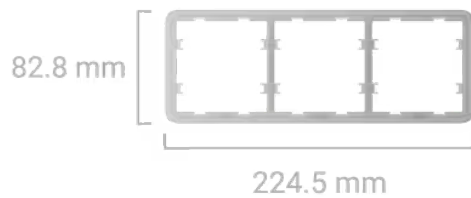
82.8 mm

153.5 mm



6.3 mm

Frame (3 seats) – 82.8 × 224.5 × 6.3 mm



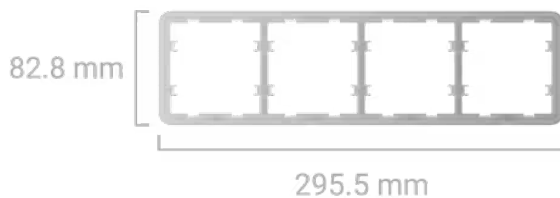
82.8 mm

224.5 mm



6.3 mm

Frame (4 seats) – 82.8 × 295.5 × 6.3 mm



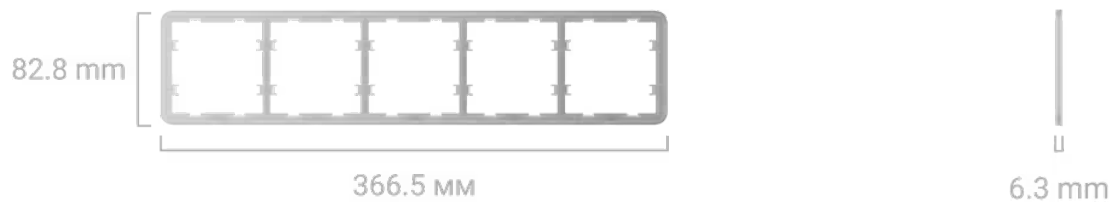
82.8 mm

295.5 mm



6.3 mm

Frame (5 seats) – 82.8 × 366.5 × 6.3 mm



Weight

OutletCore (smart) [type F] Jeweller

75 g

SoloCover (smart) [type F]

front panel — 37 g

receptacle cap — 8 g

SideCover (smart) [type F]

front panel — 26 g

receptacle cap — 8 g

CenterCover (smart) [type F]

front panel — 25 g

receptacle cap — 8 g

Frames

Frame (2 seats) — 16 g

Frame (3 seats) — 22 g

Frame (4 seats) — 28 g

Frame (5 seats) — 34 g

Complete set

Outlet [type F] is a prefabricated smart outlet. All parts are purchased separately

Assemble Outlet kit >

Certification and compliance with standards



Outlet [type F] Jeweller



Additional information

Compliance with standards

Learn more >

User manual

Learn more >

Warranty

24 months

Learn more >


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- @AjaxSystemsSupport_Bot



Rating 4.7

4,000,000

people worldwide under Ajax protection

Suggest a feature



Products

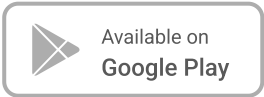
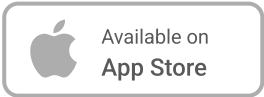
- Intrusion protection
- Video surveillance
- Fire and life safety
- Comfort and automation
- All products
- Services
- System integrations
- Ajax Ready products

Solutions

- Customer stories
- Solutions by facility type
- Upgrades and retrofits
- Why Ajax

Software

- For users
- Ajax PRO: Tool for Engineers
- Ajax Desktop
- Ajax PRO Desktop
- Ajax Translator
- Scenarios



Support

- Manuals and articles
- Compliance with standards

Tools

How it works

- Ajax device compatibility
- Video storage calculator
- Video device calculator
- Battery life calculator
- Radio communication range calculator
- Switches and outlets configurator
- Fibra power supply calculator
- All web tools

Company

- Blog
- About us
- Press page
- Events
- Career
- Reviews and feedback

For partners

- For partners
- Ajax Academy
- Partner Portal

 România Privacy policy Report a vulnerability GDPR White Paper NDAA Statement Cookie policy Anti-Spam Policy End user agreement Warranty

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