

Socket (type F)

Smart plug with the energy consumption monitoring function.



Find the detailed information on device by QR code or the link:



<http://ajax.systems/support/devices/socket/>



Monitors electric power consumption



Executes automation scenarios



Operates in bistable and pulse modes ¹



Control appliances with power consumption up to 2.5 kW



Controls the power of electric appliances remotely via app and Button



Protects devices against overcurrent and voltage surges

Automation scenarios

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



Security mode change reactions

After the door is closed and the system is armed, all the dangerous appliances will turn off automatically. Your clients do not have to come back home to check if the iron, heater, or toaster is off.



Scheduled actions

Scheduled actions will simulate home activity with lights, TV, and audio system sounds. That way, the home won't look empty and attract the attention of burglars.



Alarm reactions

Fire detectors immediately respond to smoke and temperature increase. Alarm reactions will instantly switch off the potential cause of ignition connected to the smart plug.



Temperature scenarios

Set the air conditioner to turn on if room temperature exceeds 25°C.



CO₂ level scenarios

Configure activation of supply ventilation if carbon dioxide concentration increases, so that the quality of air in the room is always high.



Humidity scenarios

Connect the humidifier to the smart plug to automatically turn it on when the humidity drops below the comfortable level.



By pressing LightSwitch

To give clients peace of mind and help them make sure they've turned off all appliances before going to bed, set up a scenario by pressing LightSwitch. Smart plugs will turn off all the necessary appliances as soon as the user turns off the light in the room.

System features



Up to 1,000 m of two-way encrypted radio communication

12–300
sec

Adjustable polling interval



Mobile and desktop apps to configure and control the security system



Pairing via QR code

Technical specifications

Communication with control panel

 **Jeweller communication technology**

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

Compatibility

Hubs

all Ajax hubs

Range extenders

all Ajax radio signal range extenders

Communication with control panel	<p>Maximum effective radiated power (ERP) ≤ 25 mW</p> <p>Communication range up to 1,000 m in line of sight</p> <p>Polling interval 12–300 sec Set by admin in the app</p>	Features	<p>Load indication LED frame, 7 colours</p> <p>Energy consumption monitoring</p> <p>Energy parameters available in the app current, voltage, power and energy consumption</p>
Power	<p>Main power supply 230 V~, 50 Hz</p> <p>Maximum load current 11 A (continuous) 13 A (under 5 sec)</p> <p>Output power up to 2.5 kW</p>	Installation	<p>Operating temperature from 0°C to +40°C</p> <p>Operating humidity up to 75%</p> <p>Ingress protection IP20</p>
Protection	<p>Voltage protection threshold under 184 V~ over 253 V~</p> <p>Temperature protection threshold +85°C</p>	Complete set	<p>Socket (type F) Quick Start Guide</p>
Enclosure	<p>Colour white, black</p> <p>Overall dimensions 65.5 × 45 × 45 mm With plug</p> <p>Weight 58 g</p>		

¹ Socket can operate in Pulse mode with firmware version 5.54.1.0 or higher.
Manufacture date from March 4, 2020.