🚚 KOSTENLOSE LIEFERUNG für Bestellungen über 79€

Shelly Power Strip Gen4

Device identification

- Device name: **Shelly Power Strip 4 Gen4**
- Device model: **S4PL-00416EU**
- Device SSID: **ShellyPStripG4-XXXXXXXXXXXX**
- Device Bluetooth ID: **0x1851**

Short description

Shelly Power Strip 4 Gen4 (the Device) is a smart 4 plug/outlet with individual power measurement and overheating protection, which allows remote control of electric appliances through a mobile phone, tablet, PC, or home automation system. It can work standalone in a local Wi-Fi network or it can also be operated through cloud home automation services.

Shelly Power Strip Gen4 can be accessed, set up and monitored remotely from any place where the User has internet connectivity, as long as the device is connected to a Wi-Fi router and the Internet.

The Device has an embedded Web Interface, which can be used to monitor and control the device, as well as adjust its settings.

The Device has multi-protocol wireless MCU which provides Zigbee and Bluetooth connectivity, ensuring a secure connection.

This device is compatible with Matter.

Main features

- Next-generation Wi-Fi smart 4 plug strip with multicolor individual LED indication
- Scripting
- Wi-Fi range extender
- BLE gateway
- Zigbee repeater

- Power metering on every plug
- Schedules
- Wide compatibility with 3rd party home automation systems
- Local actions
- Shelly Cloud/Shelly Smart Control app support (optional)
- Virtual Components
- KNX net/IP support

Use cases

- **Use it as color night light:**
  Night mode with custom settings
  When switched on, the Night mode reduces the brightness of the LED indication of your Shelly Power Strip 4 Gen4 during the night hours so that you can have undisturbed night sleep.
- **No more forgotten appliances on:**
  Monitor and control all plugged-in appliances easily with just a few clicks on your phone. Thanks to its integrated countdown timer and locally stored schedules, Shelly Power Strip 4 Gen4 can automatically switch off any forgotten device after an hour to save energy.
  Example: Iron, smaller ovens, heating electrical radiators
- **Avoid energy waste by automating your electrical appliances:**
  Automate office appliances that are not used at night or over the weekend by simply adding the Shelly Power Strip 4 Gen4. You can set smart schedules to turn off the power to all unused electrical appliances between 7:00 PM and 7:00 AM on weekdays, and from 7:00 PM on Friday until 7:00 AM on Monday. That way, you will reduce the energy consumption of these devices by half, which will result in significant optimization of the monthly energy cost.
  Example: Using schedules, automate smaller ovens, electric radiators, and IR heaters.
- **Air purifier that follows the air conditions:**
  If you are living in a big city, the air can get pretty polluted, especially during the fall and winter seasons. Thanks to Shelly Power Strip 4 Gen4 scripting functionalities, you can extract data straight from the air pollution control and set your old air purifier at home to turn on when the air pollution levels outside increase.
  Example: Using scripting you can automate an Air purifier appliance and turn it on/off based on 3rd party data.
- **Mildly dimmed night light for children's comfort:**
  You can now set the color and the level of glow for your Shelly Power Strip 4 Gen4 LED indication and use it as subtle light for the kids' room at night.

Main applications

- Residential
- MDU (Multi Dwelling Units - apartments, condominiums, hotels, etc.)
- Light commercial (small office buildings, small retail/restaurant/gas station, etc.)
- Government/municipal
- University/college

Integrations

Amazon Alexa supported capabilities

Yes

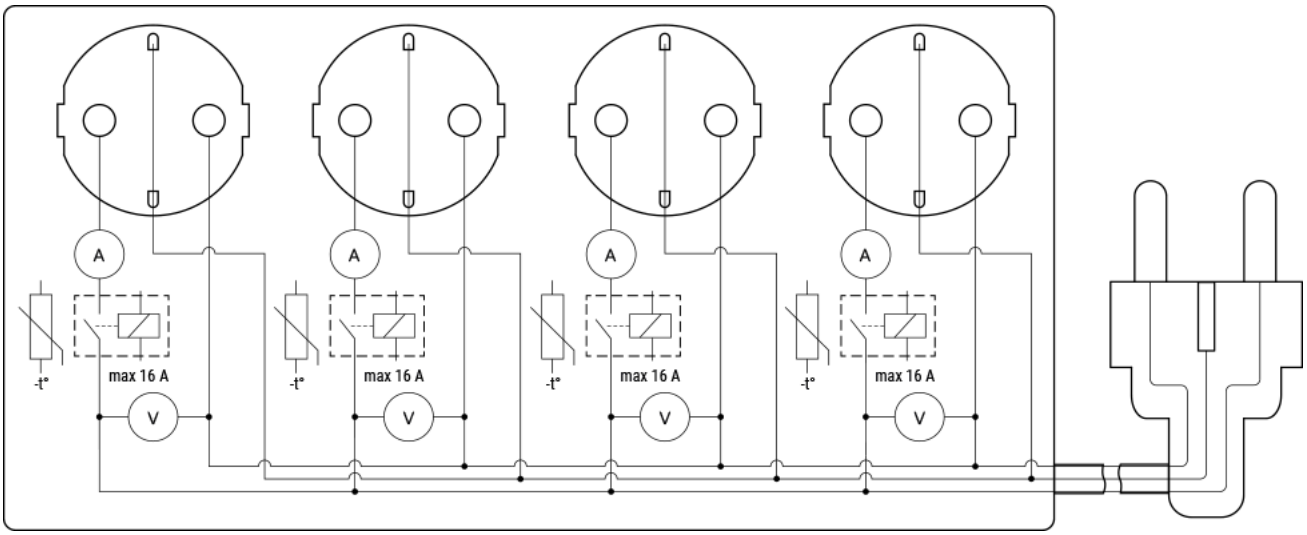
Google Smart Home supported traits

Yes

Samsung SmartThings supported capabilities

Yes

Simplified internal schematics



Device electrical interfaces

Input

- 1 CEE 7/7 plug

Output

- 4 CEE 7/3 (Type-F / Schuko) socket

Connectivity

- Wi-Fi
- Bluetooth
- Zigbee

Safety function

- Overheating protection
- Overvoltage protection
- Overcurrent protection
- Overpower protection

Supported load types

- Resistive (incandescent bulbs, heating devices)
- Capacitive (capacitor banks, electronic equipment, motor start capacitors)
- Inductive (LED light drivers, transformers, fans, refrigerators, air-conditioners))

User interface

Inputs

- One push button for each socket
  - Press to turn the output On/Off.
  - Press and hold to turn Off all 4 sockets on the strip
- Press and hold push buttons 1 and 4 on the strip
  - For 3 sec to check status (Possible only when the outputs are Off).

    - For 5 sec to reboot (Possible up to 60 sec after plugging in the device to the power grid/power supply).
    - For 10 sec to factory reset (Possible up to 60 sec after plugging in the device to the power grid/power supply).
- Press the control button for the desired socket 5 times in quick succession ▢ → ▢ → ▢ → ▢→ ▢ :
    - To switch the Device from Matter firmware (default) to Zigbee firmware.
- Press the control button for the desired socket 3 times in quick succession: ▢ → ▢ → ▢ :
    - To activate Zigbee commissioning mode. This enables the Device to connect to a Zigbee network (pairing mode).

Outputs

- LED indication
    - When plugged for the first time:
        - Blue light flashing, indicating AP mode.
    - When plugged/powered again after being successfully connected to a Wi-Fi network and buttons 1 and 4 pressed and holded for 3 seconds:
        - Red light flashing slowly, indicating the the Device is reconnecting to the Wi-Fi network.
        - Constant red light, indicating that the Device cannot reconnect to the Wi-Fi network.
        - Yellow light flashing slowly, indicating the the Device is reconnected to the Wi-Fi network but not connected to the Shelly Cloud.
        - Constant green light, indicating that the Device is reconnect to the Wi-Fi network and the Shelly Cloud.
    - When output is On:
        - Power consumption represented by a smooth color change (Default):
            - Green light at 0% of power limit set
            - Yellow light at 50% of power limit set
            - Red light at 100% of power limit set

          User can select the brightness (Default brightness - 100%).
        - Custom color (Default color - Green, Default brightness - 100%)
        - Off
    - When output is Off:
        - Off (Default):
        - Custom color (Default color - Red, Default brightness - 100%)
    - When OTA update is in progress:
        - Red light flashing

Specification

Quantity	Value
Physical	
Size (HxWxD):	43x237x56 mm / 1.69x9.33x2.20 inch
Weight:	560 g / 19.75 oz
Compatible sockets:	CEE 7/1, CEE 7/3 (Type F / Schuko) or CEE 7/5 (Type E)

Compatible plugs:	CEE 7/2, CEE 7/4 (Type F / Schuko), CEE 7/7, CEE 7/16 (Type C) or CEE 7/17
Shell material:	Plastic
Shell color:	• White • Black
Cable color:	• White • Black
Power Cord Lenght:	1,5 m H05VV-F 3G 1,5 mm²
Environmental	
Ambient working temperature:	-20 °C to 40 °C / -5 °F to 105 °F
Humidity:	30 % to 70 % RH
Max. altitude:	2000 m / 6562 ft
Electrical	
Power supply:	220 - 240 V~ 50/60 Hz
Power consumption:	< 1 W
Output circuits ratings	
Max. switching voltage:	250 V~
Rated output current:	16 A total between all 4 sockets
Max. switching current:	12 A per individual socket
Max. output power:	3680 W
Number of switching cycles:	10000
Overvoltage category:	II
Duty-type:	S1

Switch type:	One-way
Switch configuration:	SPNO (single-pole, normally-open)
Type of circuit disconnection:	Micro (μ)
Sensors, meters	
Voltmeter (AC):	Yes
Ammeter (AC):	Yes
Power and energy meters:	Yes
Internal-temperature sensor:	Yes
Radio	
Wi-Fi	
Protocol:	802.11 b/g/n/ax
RF band:	2412 - 2472 MHz
Max. RF power:	< 20 dBm
Range:	Up to 30 m / 100 ft indoors and 50 m / 160 ft outdoors (Depends on local conditions)
Bluetooth	
Protocol:	5.0
RF band:	2402 - 2480 MHz
Max. RF power:	< 4 dBm
Range:	Up to 10 m / 33 ft indoors and 30 m / 100 ft outdoors (Depends on local conditions)
Zigbee	

Protocol:	802.15.4
Zigbee repeater:	Yes
RF bands:	2400 to 2483.5 MHz
Max. RF power:	< 20 dBm
Range:	Up to 100 m / 328 ft indoors and 300 meters / 984 ft outdoors (Depends on local conditions)
Microcontroller unit	
CPU:	ESP-Shelly-C68F
Flash:	8 MB
Firmware capabilities	
Schedules:	20
Webhooks (URL actions):	20 with 5 URLs per hook
Scripting:	Yes
MQTT:	Yes
CoAP:	No

Shelly Smart Control

- Adding the device to the Shelly Smart Control

Troubleshooting

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Components and APIs

- This device
- All Shelly devices and services

Compliance

Shelly Power Strip 4 Gen4 multilingual EU declaration of conformity.pdf

Compliance archive

Shelly Power Strip Gen4 multilingual EU declaration of conformity 202 15.09.2025.pdf

Printed user guide

Shelly Power Strip Gen4 multilingual printed user and safety guide.pdf

- Ръководство за употреба и безопасност

Installation guides

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