



## PRODUCT CATALOGUE

# Shelly



ROBOTICS  
**ALLTERCO**

**HOME AUTOMATION SYSTEMS**

## MAKE YOUR HOME SMART

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Shelly is a line of home automation products, that allows you intelligently to manage your home directly through your mobile phone!

- › Control your lights by adjusting brightness, colors and set custom schedules
- › Manage your home appliances or office equipment from anywhere
- › Save energy and money
- › Control every single electrical appliance in your home, no matter where you are
- › Secure your house with integrated motion detection
- › Monitor temperature, humidity and brightness
- › Power Consumption Control

All Shelly devices are designed to offer maximum comfort of living, safety and easy installation.

**Shelly - smart solutions for every home and office!**





# CONTROL YOUR HOME AND OFFICE WHEREVER YOU ARE! NO GATEWAY REQUIRED!

## Every device has:

- › Embedded Web server
- › Wi-Fi control and connectivity
- › Commands through HTTP and/or UDP protocol.

## With Shelly devices installed and registered in your Shelly Cloud account you can:

- › Manage multiple devices with individual settings.
- › Define and personalize rooms where the Shelly devices are positioned.
- › Add more devices in order to build complex automation solution aimed at operational and energy efficiency.
- › Connect to an existing WiFi network or use in Access Point mode.
- › Monitor the status, as well as the current and the past electrical power consumption of the monitored electrical circuits and loads.
- › Configure scenes or switch on/off ad-hoc through the app wherever and whenever you like.
- › Configure multiple options for their operations.
- › Easy instructions for device inclusion and management.

You can check the status of all the environments, view videos from the cameras, activate scenarios, manage the various appliances and interact with your home remotely, simply using your smartphone or tablet.

## Multiple integrations

All Shelly devices come with a REST API documentation , which is available at <http://shelly-api-docs.shelly.cloud/> MQTT is supported by our firmware, which provides additional flexibility in the integration of Shelly to your home automation solution. And more integrations are added frequently. Some of them are - Home Assistant, ioBroker, Domoticz, openHAB.



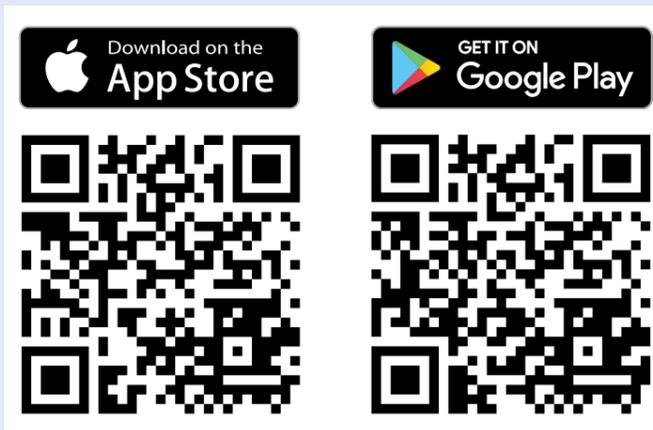
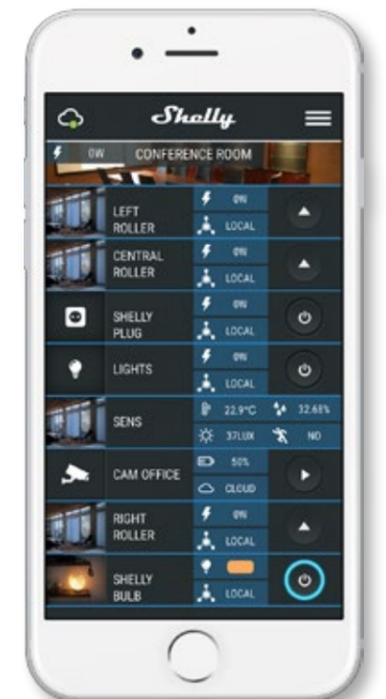
Shelly Cloud is our own cloud service and data storage – easy way for managing all Shelly devices. Shelly Cloud could be individually personalized to the customer’s need.

Shelly Cloud - the companion mobile app for all different Shelly home automation devices – WiFi relay switches, plugs, bulbs, sensors, IR blasters, cameras and more.



Shelly Cloud allows remote control and monitoring of your Shelly devices.

User friendly interface, Scenes, Bulk control and much more.



# Shelly<sup>®</sup> 2.5



## COMPLETELY RE-ENGINEERED 100% PROTECTED

Shelly 2,5 Wi-Fi dual relay switch with dual power metering is 20% more powerful, 30% smaller and with 50% range increased than his predecessor.

### SHELLY 2,5 CONNECTING EVERYTHING



### SHELLY 2,5 IS 39x36x17 mm



### MANAGE YOUR COOLING AND HEATING SYSTEM REMOTELY



#### Wi-Fi Connected

Shelly 2,5 can connect to any Wi-Fi network or can operate as an Access Point.



#### 2 Channels

Maximum load current per output: 10A/230V, 50/60Hz. You can control a wide range of home appliances and office equipment.



#### Power Metering

Shelly 2,5 has an integrated precise power meter. You can measure the overall consumption of all the electric devices you are controlling.



#### Energy Efficient

Manage and control heating radiators and air conditioners, in order to reduce energy consumption related to heating/cooling with up to 30%.



#### Mobile app control

You can turn on and off your appliances from anywhere in the world.



#### Countdown timer

No more forgotten turned on appliances. The integrated countdown timer can automatically switch off your oven after an hour.

### EASY INSTALLATION



#### SMALL

Shelly 2,5 is 39x36x17mm. You can install Shelly 2,5 into the wall under the power socket or a standard light switch. For roller-shutters, barriers, etc., 3-wire installation is required.



#### EASY WIRING

And retrofit! Install the Shelly 2,5 relays to your existing electric circuits, for 3 minutes each, and make your home smart and energy efficient.

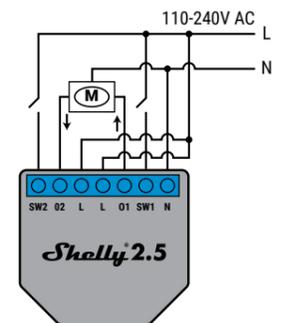
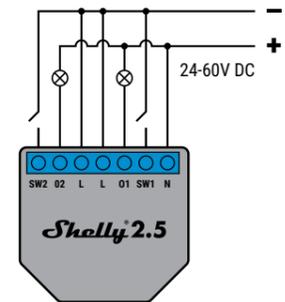
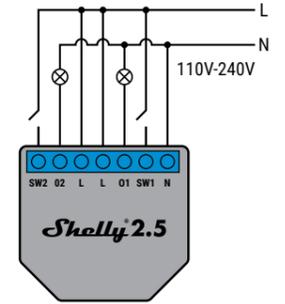


#### PRACTICAL

Shelly 2,5 can be installed on a DIN into your electricity box, right next to the breakers.

### TECHNICAL SPECIFICATIONS

<b>Power supply</b>	Shelly 2,5 is compatible with all major international voltage standards 110-230V ±10% 50/60Hz AC
<b>2 Channels</b>	Maximum load current per output: 10A/230V, 50/60Hz. You can control a wide range of home appliances and office equipment.
<b>Complies with EU standards:</b>	<ul style="list-style-type: none"> <li>• RE Directive 2014/53/EU</li> <li>• LVD 2014/35/EU</li> <li>• EMC 2004/108/WE</li> <li>• RoHS2 2011/65/UE</li> </ul>
<b>Working temperature</b>	-40°C ÷ 40°C
<b>Radio signal power:</b>	1mW
<b>Wireless/WiFi Protocol</b>	WiFi 802.11 b/g/n Shelly 2,5 can connect to any Wi-Fi network or can operate as an Access Point
<b>Frequency:</b>	2400 - 2484 MHz
<b>Operational range (depending on local construction)</b>	<ul style="list-style-type: none"> <li>• up to 50 m outdoors</li> <li>• up to 30 m indoors</li> </ul>
<b>Dimensions (HxWxL):</b>	39 x 36 x 17 mm
<b>Electrical consumption</b>	< 1 W



#### LEGEND:

- N - Neutral input (110-230V AC); + Positive input (24-60V DC)
- L - Line input (110-230V AC); - Negative input (24-60V DC)
- O1 - Output 1;
- O2 - Output 2;
- SW1 - Switch 1 (input controlling O1);
- SW2 - Switch 2 (input controlling O2)

# Shelly® 1PM



## CONTROL ANY ELECTRICAL APPLIANCE AND MEASURE ITS CONSUMPTION

The Wi-Fi Relay Switch Shelly 1PM is intended to be mounted into a standard in-wall console, behind power sockets and light switches in order to control the electric power through it.

### WHERE DOES MY MONEY GO?



- **HEATING**
- **COOLING**
- **WATER HEATING**
- **APPLIANCES**  
Includes refrigerator, dishwasher, clothes, washer and dryer
- **LIGHTS**
- **ELECTRONICS**  
Includes telephone and external power, adapters, consumer electronics (computer, TVs and DVD player), home and office equipment and small appliances



#### Power Metering

Shelly 1PM has an integrated precise power meter. You can measure the overall consumption of all the electric devices you are controlling.



#### Mobile App Control

Turn appliances on/off directly from your smartphone or tablet.



#### Wi-Fi Connected

Simply connect Shelly to your Wi-Fi network and begin the ultimate experience by controlling your home with your phone.



#### Home assistant compatible

Control your appliance with your voice. Shelly 1PM is Google home and Amazon Echo compatible.



#### Weekly Scheduling

Create custom daily schedules for your devices.



#### Following the Sunlight

Shelly 1PM can automatically turn on/off based on the sunrise and sunset hours.



#### Up To 3500W

With Shelly 1PM you can control a wide range of devices and appliances.



#### Free Cloud

All you need to manage your Shelly 1PM is a smartphone and the Shelly Cloud free mobile application



#### Countdown timer

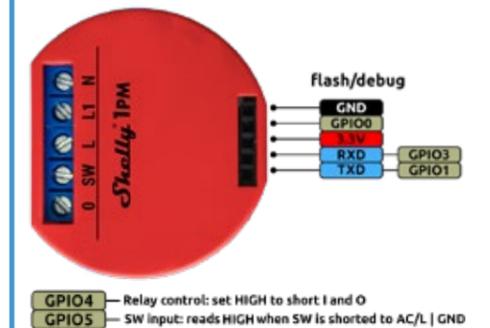
No more forgotten turned on appliances. The integrated countdown timer can automatically switch off your oven after an hour.

### TECHNICAL SPECIFICATIONS

<b>Power supply</b>	<ul style="list-style-type: none"> <li>• 110-240V ±10% 50/60Hz AC</li> <li>• 24-60V DC</li> </ul>
<b>Max load per channel</b>	16A
<b>Complies with EU standards:</b>	<ul style="list-style-type: none"> <li>• RE Directive 2014/53/EU</li> <li>• LVD 2014/35/EU</li> <li>• EMC 2004/108/WE</li> <li>• RoHS2 2011/65/UE</li> </ul>
<b>Working temperature</b>	-40°C ÷ 40°C
<b>Radio signal power:</b>	1mW
<b>Wireless/WiFi Protocol</b>	802.11 b/g/n (2.4 GHz)
<b>Frequency:</b>	2400 - 2484 MHz
<b>Operational range (depending on local construction):</b>	<ul style="list-style-type: none"> <li>• up to 50 m outdoors</li> <li>• up to 30 m indoors</li> </ul>
<b>Dimensions (HxWxL):</b>	41 x 36 x 17 mm
<b>Electrical consumption:</b>	< 1 W

### For developers

Shelly 1PM comes with a programming/debug header which can be used to flash alternative firmware on the device. It has an ESP8266 inside, with a 2MB flash chip. A USB-to-UART adapter is needed as well as a reliable 3.3V with at least 350 mA drive capability. The following diagram shows the device pinout:





## THE SMALLEST, SMARTEST & THE MOST POWERFUL WI-FI SWITCH FOR YOUR AUTOMATION SOLUTION

The Wi-Fi Relay Switch Shelly 1 OS is intended to be mounted into a standard in-wall console, behind power sockets and light switches in order to control the electric power through it.

USE THE POWER OF MONGOOSE OS TO MAKE YOUR OWN APPLICATION



MAKE YOUR ARDUINO PROJECT LIVE AND USABLE IN YOUR AUTOMATION PROJECT



SHARE YOUR EXPERIENCE WITH DEVELOPERS OVER THE WORLD



USE OUR REST API TO CONNECT SHELLY 1 OS WITH YOUR EXISTING HOME AUTOMATION SYSTEM



### Mobile App Control

Turn appliances on/off directly from your smartphone or tablet.



### Wi-Fi Connected

Simply connect Shelly to your Wi-Fi network and begin the ultimate experience by controlling your home with your phone.



### Home assistant compatible

Control your appliance with your voice. Shelly 1 OS is Google home and Amazon Echo compatible.



### Weekly Scheduling

Create custom daily schedules for your devices.



### Following the Sunlight

Shelly 1 OS can automatically turn on/off based on the sunrise and sunset hours.



### Up To 3500W

With Shelly 1 OS you can control a wide range of devices and appliances.



### Free Cloud

All you need to manage your Shelly 1 OS is a smartphone and the Shelly Cloud free mobile application



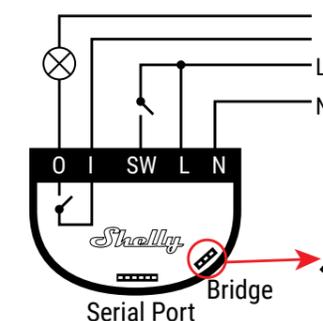
### Countdown timer

No more forgotten turned on appliances. The integrated countdown timer can automatically switch off your oven after an hour.

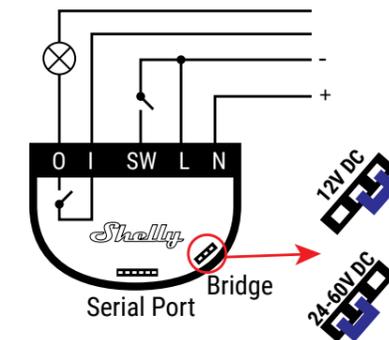
### TECHNICAL SPECIFICATIONS

<b>Power supply</b>	<ul style="list-style-type: none"> <li>• 110-240V ±10% 50/60Hz AC</li> <li>• 24-60V DC</li> <li>• 12V DC</li> </ul>
<b>Max load per channel</b>	16A
<b>Complies with EU standards:</b>	<ul style="list-style-type: none"> <li>• RE Directive 2014/53/EU</li> <li>• LVD 2014/35/EU</li> <li>• EMC 2004/108/WE</li> <li>• RoHS2 2011/65/UE</li> </ul>
<b>Working temperature</b>	-40°C ÷ 40°C
<b>Radio signal power:</b>	1mW
<b>Wireless/WiFi Protocol</b>	802.11 b/g/n (2.4 GHz)
<b>Frequency:</b>	2400 - 2484 MHz
<b>Operational range (depending on local construction):</b>	<ul style="list-style-type: none"> <li>• up to 50 m outdoors</li> <li>• up to 30 m indoors</li> </ul>
<b>Dimensions (HxWxL):</b>	41 x 36 x 17 mm
<b>Electrical consumption:</b>	< 1 W

Power supply: 110-240V AC



Power supply: 12V; 24-60V DC



#### LEGEND:

- N - Neutral input (Zero)/(+)
- L - Line input (110-230V)/(-)
- O - Output
- I - Input
- SW - Switch (input) controlling O

The WiFi Relay Switch Shelly 1 may control an electrical circuit up to 3.5 kW. It is intended to be mounted into a standard in-wall console, behind power sockets and light switches or other places with limited space. Shelly may work as a standalone Device or as an accessory to a home automation controller.

# Shelly® 3EM



- ✓ Precise 3-phase energy metering
- ✓ Up to 120A per phase
- ✓ Integrated 10A contactor control
- ✓ Solar and Wind power compatible
- ✓ Factory calibrated with over 99% accuracy
- ✓ DIN mountable
- ✓ Wi-Fi enabled
- ✓ Cloud and MQTT Enabled
- ✓ 365 days power consumption history
- ✓ Anti energy theft protection



### Wi-Fi connected

Shelly 3EM can be connected to any Wi-Fi network or can operate as an Access Point.



### Power supply

Each phase of Shelly 3EM must be 110-230V ±10, 50/60Hz AC



### Monophase systems

Shelly 3EM can also monitor monophase electrical systems with up to 3 points simultaneously.



### Contactor control

Shelly 3EM has an integrated 10A relay output for contactor control.



### Mobile app control

Turn Shelly 3EM on/off directly from your smartphone or tablet. You can manage Shelly 3EM's output from the Shelly Cloud app, MQTT or Rest API.



### Overconsumption and overpower protection

Shelly 3EM can automatically turn off the whole circuit if consumption or energy (pre-paid energy option) reaches the set limit.



### Embedded web server

Turn on/off Shelly 3EM's contactor output directly, without the need of any additional controller or hub.



### Sunrise/sunset schedules

Shelly 3EM can automatically turn on/off the power based on the sunrise/sunset hours.



### Weekly schedules

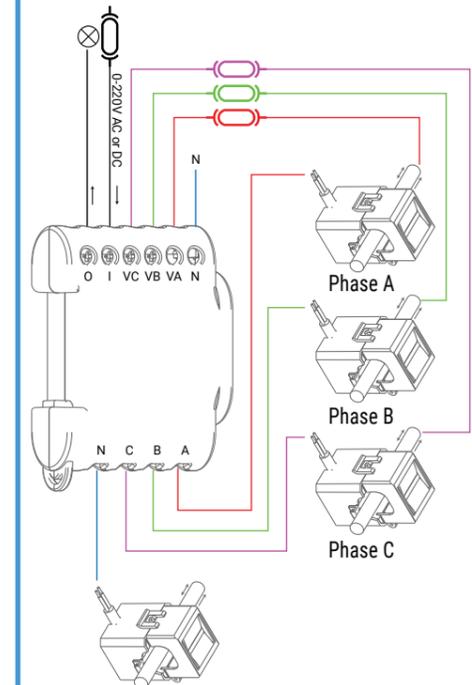
Choose a time and create custom daily schedules for your Shelly 3EM.

## PROFESSIONAL 3-PHASE ENERGY METER

Shelly 3EM has integrated relay output which can be used for contactor control.

### TECHNICAL SPECIFICATIONS

<b>Power supply</b>	110-230V ±10, 50/60Hz AC
<b>Power metering</b>	3 channels, up to 12A each
<b>Consumption history</b>	365 days built-in energy history (Wh)
<b>Contactor control</b>	Maximum load 10A
<b>Complies with EU standards:</b>	<ul style="list-style-type: none"> <li>• RE Directive 2014/53/EU</li> <li>• LVD 2014/35/EU</li> <li>• EMC 2004/108/WE</li> <li>• RoHS2 2011/65/UE</li> </ul>
<b>Working temperature</b>	-40°C ÷ 40°C
<b>Radio signal power:</b>	1mW
<b>Wireless/WiFi Protocol</b>	802.11 b/g/n (2.4 GHz)
<b>Frequency:</b>	2400 - 2484 MHz
<b>Operational range (depending on local construction):</b>	<ul style="list-style-type: none"> <li>• up to 50 m outdoors</li> <li>• up to 30 m indoors</li> </ul>
<b>Dimensions (HxWxL):</b>	39 x 36 x 17 mm
<b>Electrical consumption:</b>	< 1 W
<b>Additional features</b>	<ul style="list-style-type: none"> <li>• Overpower shutdown</li> <li>• Consumption limit</li> </ul>



Phase N - optional and allows for detect theft or energy leakage.

# Shelly<sup>®</sup> EM



## MEASUREMENTS

- ✓ 2x Consumption(W)
- ✓ 2x Current(A)
- ✓ 2x Energy(Wh)
- ✓ 2x Load quality
- ✓ 1x Voltage(V)



## ADDITIONAL FEATURES

- ✓ 365 days built-in energy history
- ✓ Relay output for contactor control



### Wi-Fi Connected

Shelly EM can connect directly to any Wi-Fi network, no HUB required or can operate as an Access Point.



### Power Supply

Shelly EM is compatible with all major international voltage standards.



### Dual Power Metering

Shelly EM can monitor energy consumption in real time in 2 points simultaneously (up to 120A each).



### Contactor Control

2A / 230V 50/60Hz. Shelly EM has integrated relay output made for contactor control.



### Mobile app control

Turn devices on/off directly from your smartphone or tablet. You can manage Shelly EM output from Shelly app, MQTT or Rest API



### Overconsumption and Over Energy Protection

No more forgotten turned on appliances. The integrated countdown timer can automatically switch off your oven after an hour.



### Embedded Web Server

Turn on/off Shelly devices directly from its interface without the need of any additional controller or hub, thanks to the embedded web.



### Sunrise/Sunset Schedules

Shelly EM can automatically turn on/off based on the sunrise and sunset hours.



### Weekly Schedules

Choose a time and create custom daily schedules for your devices.

## MEASURE AND CONTROL UP TO 2X120A

With Shelly EM you can measure how much energy your solar system produces.

## TECHNICAL SPECIFICATIONS

<b>Power supply</b>	110-230V ±10, 50/60Hz AC
<b>Power metering</b>	Two channels, up to 12A each
<b>Consumption history</b>	365 days built-in energy history (Wh)
<b>Contactor control</b>	Maximum load: 2A / 230V 50/60Hz.
<b>Complies with EU standards:</b>	<ul style="list-style-type: none"><li>• RE Directive 2014/53/EU</li><li>• LVD 2014/35/EU</li><li>• EMC 2004/108/WE</li><li>• RoHS2 2011/65/UE</li></ul>
<b>Working temperature</b>	-40°C ÷ 40°C
<b>Radio signal power:</b>	1mW
<b>Wireless/WiFi Protocol</b>	802.11 b/g/n (2.4 GHz)
<b>Frequency:</b>	2400 - 2484 MHz
<b>Operational range (depending on local construction):</b>	<ul style="list-style-type: none"><li>• up to 50 m outdoors</li><li>• up to 30 m indoors</li></ul>
<b>Dimensions (HxWxL):</b>	39 x 36 x 17 mm
<b>Electrical consumption:</b>	< 1 W
<b>Additional features</b>	<ul style="list-style-type: none"><li>• Overpower shutdown</li><li>• Consumption limit</li></ul>



### CONTROL 120A SAFE AND EASY

Shelly EM has integrated relay output made for contactor control

#### • Remote control from anywhere

You can manage ShellyEM output from Shelly app, MQTT or Rest API

#### • Overpower Control

Automatic shutdown or notification when reaching current consumption limit.

#### • Turn off when total consumption is reached

Automatic shutdown when power is reached.

#### • Weekly scheduling by time or sun position

Auto turn on and off by hour or sunset and sunrise.

# Shelly<sup>®</sup> PLUG S

## SHELLY PLUG S CONTROL ANY DEVICE AT YOUR HOME FROM ANYWHERE



## WITH SHELLY PLUG S YOU CAN CREATE YOUR OWN SCENE THAT WILL SEND YOU A NOTIFICATION DIRECTLY TO YOUR PHONE



## WITH SHELLY PLUG YOU MAY OPTIMIZE YOUR TIME



### Wi-Fi Connected

Just connect Shelly PLUG S to your Wi-Fi network and begin the ultimate experience of controlling your home with your phone.



### Power Consumption

Shelly Plug will power off any appliance if the predefined power consumption level is reached.



### Free Cloud

All you need to manage your Shelly PLUG S is a smartphone and the Shelly Cloud free mobile application



### Follow the sunlight

Shelly Plug can automatically turn on/off based on the sunrise and sunset hours



### Weekly scheduling

Create custom daily schedules for your devices.



### Mobile app control

You can turn on and off your appliances from anywhere in the world.



### Countdown timer

No more forgotten turned on appliances. The integrated countdown timer can automatically switch off your oven after an hour.



### Up To 2500W

With Shelly Plug you can control wide range of devices and appliances.



### Highly compatible

Compatible with Android, iOS, Amazon Alexa and Google Assistant.

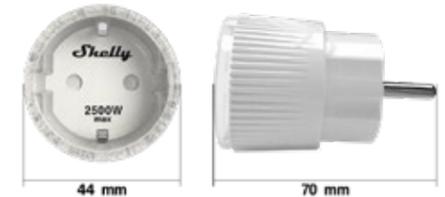
## SMALLEST WI-FI SMART PLUG WITH POWER METERING

**Shelly Plug S** fits everywhere and is the most intelligent Wi-Fi plug ever. It automatically controls lightning, heating and any other connected electrical appliance in your house.

### TECHNICAL SPECIFICATIONS

<b>Power supply</b>	Input 110-230V,50/60Hz AC
<b>Max load</b>	12A / 230V, 50/60Hz
<b>Complies with EU standards:</b>	RE Directive 2014/53/EU • LVD 2014/35/EU • EMC 2004/108/WE • RoHS2 2011/65/UE
<b>Working temperature:</b>	-20°C ÷ 40°C
<b>Radio signal power</b>	1mW
<b>Wireless/WiFi Protocol</b>	802.11 b/g/n (2.4 GHz)
<b>Frequency</b>	2400 - 2484 MHz
<b>Operational range (depending on local construction):</b>	• up to 50 m outdoors • up to 30 m indoors
<b>Dimensions (HxWxL)</b>	70 x 44 x 44 mm
<b>Processor (CPU)</b>	Texas Instruments CC3200
<b>Remote Control</b>	Through mobile app & web interface
<b>Compatibility</b>	Android (4.2+) & iOS (8+), web browsers
<b>Languages</b>	Multiple through mobile app & web interface
<b>SAR</b>	1.15 W/Kg

- Control through WiFi from a mobile phone, PC, automation system or any other device supporting HTTP and/or UDP protocol.
- Microprocessor management.
- Controlling elements: 1 relay.
- Shelly may be controlled by the integrated button.



### Easy installation

1. Plug Shelly in to your existing power socket.
2. Take your smartphone and add the Plug to Shelly Cloud application.
3. Connect your home appliances and enjoy.

# Shelly<sup>®</sup> PLUG



## SHELLY PLUG SAVES YOU ENERGY AND MONEY



## WITH SHELLY PLUG YOU CAN CONTROL ANY DEVICE AT YOUR HOME FROM ANYWHERE



## WITH SHELLY PLUG YOU MAY OPTIMIZE YOUR TIME



### Wi-Fi Connected

Shelly™ Plug can connect to any Wi-Fi network or can operate as an Access Point.



### Power Consumption

Shelly™ Plug has an integrated precise power meter. You can measure the overall consumption of all the electric devices you are controlling.



### Free Cloud

All you need to manage your Shelly Plug is a smartphone and the Shelly Cloud free mobile application



### Follow the sunlight

Shelly Plug can automatically turn on/off based on the sunrise and sunset hours



### Weekly scheduling

Create custom daily schedules for your devices.



### Mobile app control

You can turn on and off your appliances from anywhere in the world.



### Countdown timer

No more forgotten turned on appliances. The integrated countdown timer can automatically switch off your oven after an hour.



### Up To 3500W

With Shelly Plug you can control wide range of devices and appliances.



### Highly compatible

Compatible with Android, iOS, Amazon Alexa and Google Assistant.

## THE MOST INTELLIGENT WI-FI POWER OUTLET ON THE MARKET

**Shelly Plug** automatically monitor and controls lightning, heating and any other connected electrical appliance in your house, no matter where you are. When an electric appliance, or a lamp, is plugged into the Shelly Plug, you can switch it on and off through the Shelly Cloud mobile application. You can do it anytime and from anywhere.

### TECHNICAL SPECIFICATIONS

<b>Power supply</b>	Input 110-230V,50/60Hz AC
<b>Max load</b>	16A / 230V per output
<b>Complies with EU standards:</b>	<ul style="list-style-type: none"> <li>• RE Directive 2014/53/EU</li> <li>• LVD 2014/35/EU</li> <li>• EMC 2004/108/WE</li> <li>• RoHS2 2011/65/UE</li> </ul>
<b>Working temperature:</b>	0°C ÷ 40°C
<b>Radio signal power</b>	1mW
<b>Wireless/WiFi Protocol</b>	802.11 b/g/n (2.4 GHz)
<b>Frequency</b>	2400 - 2484 MHz
<b>Operational range (depending on local construction):</b>	<ul style="list-style-type: none"> <li>• up to 50 m outdoors</li> <li>• up to 30 m indoors</li> </ul>
<b>Dimensions (HxWxL)</b>	98 x 56 x 35 mm
<b>Processor (CPU)</b>	Texas Instruments CC3200
<b>Remote Control</b>	Trough mobile app & web interface
<b>Compatibility</b>	Android (4.2+) & iOS (8+), web browsers
<b>Languages</b>	Multiple trough mobile app & web interface
<b>Electrical consumption</b>	< 1 W

- Control through WiFi from a mobile phone, PC, automation system or any other device supporting HTTP and/or UDP protocol.
- Microprocessor management.
- Controlling elements: 1 relay.
- Shelly may be controlled by the integrated button.

# Shelly® H&T



## MONITOR HUMIDITY IN YOUR HOME



## MONITOR TEMPERATURE IN YOUR HOME



## PROTECT YOUR MOST IMPORTANT ITEMS



### Humidity

Monitor excessive changes in humidity. Avoid dryness and conditions for mold growth.



### Temperature

Be aware of temperature fluctuations and keep your home comfortable at any time.



### Battery

Battery life up to 18 months. Feel more comfortable with the long-lasting battery life



### Easy control

The only thing you need to manage all your Shelly H&T devices is a mobile phone and the free Shelly Cloud application.



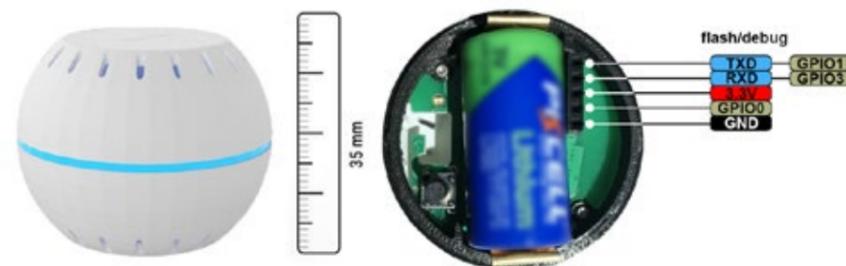
### Wi-Fi

Connect Shelly H&T directly to your Wi-Fi.



### Free history on Cloud

With Shelly H&T you can see recorded data for humidity and temperature for up to a year.



# WI-FI HUMIDITY & TEMPERATURE SENSOR

Shelly H&T is the world's first Wi-Fi Humidity & Temperature sensor working over 1 year on battery

## TECHNICAL SPECIFICATIONS

<b>Battery</b>	CR123A – 3V ( <b>NOT</b> included)
<b>Battery life</b>	Up to 18 months
<b>Electrical consumption:</b>	<ul style="list-style-type: none"> <li>• Static ≤70uA</li> <li>• Awake ≤250mA</li> </ul>
<b>Humidity measurement range:</b>	0~100% (±5%)
<b>Temperature measurement range:</b>	-40°C ÷ 60 °C (± 1°C)
<b>Working temperature:</b>	-40°C ÷ 60°C
<b>Radio signal power</b>	1mW
<b>Wireless/WiFi Protocol</b>	802.11 b/g/n (2.4 GHz)
<b>Frequency</b>	2400 - 2484 MHz
<b>Operational range (depending on local construction):</b>	<ul style="list-style-type: none"> <li>• up to 50 m outdoors</li> <li>• up to 30 m indoors</li> </ul>
<b>Dimensions (HxWxL)</b>	35x45x45 mm
<b>Complies with EU standards:</b>	<ul style="list-style-type: none"> <li>• RE Directive 2014/53/EU</li> <li>• LVD 2014/35/EU</li> <li>• EMC 2004/108/WE</li> <li>• RoHS2 2011/65/UE</li> </ul>

- **Shelly H&T** stores history for all temperatures and humidity in your home for years – day by day, hour by hour.
- With Shelly H&T you can **optimize power consumption** for heating and cooling your home. Do not spend extra money on power consumption if you are not at home.
- **Humidity control** is very important for your health. Keep it at its optimal levels with Shelly H&T.
- Be informed **anytime, anywhere** about everything in your home and control it just with one app without any additional equipment.



# Shelly<sup>®</sup> flood



## INSTANT NOTIFICATIONS



## USE YOUR FLOOR HEATING, ONLY WHEN YOU NEED IT



### Flood detection alarm

You will receive a notification if any fluid is detected by Shelly Flood.



### Temperature

Be aware of temperature fluctuations and keep your floor heating at the desired temperature.



### Battery

Feel comfortable with the up to 18 month battery life.



### Easy control

The only thing you need to manage your Shelly Flood, is a mobile phone and the free Shelly Cloud application.



### Wi-Fi

Connect Shelly Flood directly to your Wi-Fi.



### Free history on Cloud

With Shelly Flood you can see recorded data for temperature up to a year.



## FLOOD SENSOR WITH TEMPERATURE MEASUREMENT

With **Shelly Flood**, you can monitor the temperature of your home and receive instant notification if any liquid leakage is detected in your home

## TECHNICAL SPECIFICATIONS

<b>Battery</b>	CR123A – 3V ( <b>NOT</b> included)
<b>Battery life</b>	Up to 18 months
<b>Electrical consumption:</b>	<ul style="list-style-type: none"><li>• Static <math>\leq 5\mu\text{A}</math></li><li>• Awake <math>\leq 100\text{mA}</math></li><li>• Alarm <math>\leq 120\text{mA}</math></li></ul>
<b>Temperature measurement range</b>	$-20^{\circ}\text{C} \sim 50^{\circ}\text{C} (\pm 1^{\circ}\text{C})$
<b>Working temperature:</b>	$-40^{\circ}\text{C} \div 60^{\circ}\text{C}$
<b>Radio signal power</b>	1mW
<b>Wireless/WiFi Protocol</b>	802.11 b/g/n (2.4 GHz)
<b>Frequency</b>	2400 - 2484 MHz
<b>Operational range (depending on local construction):</b>	<ul style="list-style-type: none"><li>• up to 30 m outdoors</li><li>• up to 10 m indoors</li></ul>
<b>Dimensions (HxWxL)</b>	70x70x19 mm
<b>Complies with EU standards:</b>	<ul style="list-style-type: none"><li>• RE Directive 2014/53/EU</li><li>• LVD 2014/35/EU</li><li>• EMC 2004/108/WE</li><li>• RoHS2 2011/65/UE</li></ul>

## EASY INSTALATION

### 3 easy steps

1. Download the Shelly Cloud application on your smartphone or tablet
2. Connect Shelly Flood sensor to your Wi-Fi router
3. Place the device wherever you wish

# Shelly® RGBW2



## POWER ON



Get a 110–220V AC to 12-24V DC

## SHELLY RGBW2



Connect Shelly RGBW2 to the power transformer

## LED STRIPS AND/OR BULBS



Support any 12v or 24v White, RGB, RGBW led strips and 12/24v led bulbs, with up to 288W combined power

## Wi-Fi CONTROL



You have full control from your mobile device



### Wireless

No HUB required – Connect Shelly RGBW2 directly to your Wi-Fi at home.



### Weekly Schedules

Choose a time and set your hidden lighting to turn on/off or change color



### Sunrise/Sunset Schedules

Shelly RGBW will automatically follow the sunrise and sunset and can control your lighting accordingly



### Color Effects

The 6 unique colorful effects will set the mood for your party or help you relax at home.



### Control Remotely

Control the LED lighting at home, no matter where you are. Now you won't be leaving the lights on and your home won't welcome you in darkness.



### Highly Compatible

Compatible with Android, iOS, Amazon Alexa and Google Assistant.



### Support 12V or 24V

With Shelly RGBW2 you can use White, RGB, RGBW led strips and 12/24v led bulbs, with up to 288W combined power.



### ON/OFF and Dimming Function

No more forgotten turned on appliances. The integrated count-down timer can automatically switch off your lights after an hour.

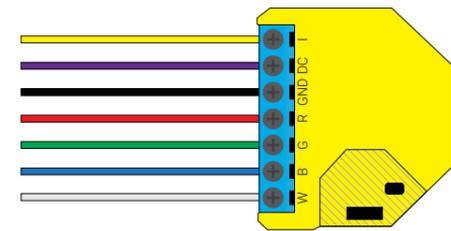
## WIFI RGBW LED CONTROLLER

Make your LED strips smart without additional investment. **Shelly RGBW2** connects like any LED controller. The main benefit is that you will be able to control your light directly from your mobile phone.

## TECHNICAL SPECIFICATIONS

Interfaces	
<b>Output interface</b>	4 ways PWM: R/G/B/W 3 ways PWM: R/G/B 4 ways PWM: 4xWhite strips or 4x12/24v led bulbs
<b>Interface</b>	Reset button, AC 230V switch input
<b>AC switch</b>	On/OFF and Dimming function
WiFi Parameters and Features	
<b>WiFi work mode</b>	STA/AP/STA+AP/Smart Config
<b>Security Specialty</b>	None,WEP,WPA-PSK,WPA2-PSK (TKIP/AES)
<b>WiFi Standard</b>	IEEE 802.11b/g/n
<b>WiFi Power</b>	802.11b (CCK) 11Mbps: 20+/-1.5dBm
	802.11g (OFDM) 54Mbps: 15.5+/-1.5dBm
	802.11n(HT20@MCS7) 72.2Mbps: 14.5+/-1.5dBm
<b>Frequency</b>	2.4GHz-2.5GHz (2400M-2483.5M)
<b>Antenna</b>	Embedded
Power Input/output	
<b>DC Power Input</b>	12-24V
<b>DC Power Output 12V</b>	144W - combined power; 45W - per channel
<b>DC Power Output 24V</b>	288W - combined power; 90W - per channel
<b>Standby Current</b>	≤50mA
<b>Work environment</b>	
<b>Working temperature</b>	-10°C ÷ 50°C
<b>Work humidity</b>	5% to 95% (No condensing)
<b>WiFi Range</b>	Indoor: 35m, Outdoor: 60m (depending on the environment)
<b>Dimensions (HxWxL)</b>	43x38x14 mm

- Focus on 8~36W lamps such as drop-light, ceiling lamp, table lamp, down lamp or other
- Support 5 ways PWM, applied to control 5 colors LED(R/G/B/CW/WW),
- Offers mobile phone App, supporting iOS and Android
- Configure network via the mobile App
- Supports local and remote control
- Supports Weekly Schedules
- Supports Sunrise/Sunset time based Schedules
- 6 color effects



### LEGEND:

- AC or DC on/off/dimming switch
- + 12/24V DC
- - 12/24V DC
- Red Light
- Green Light
- Blue Light
- White Light

# Shelly® Vintage

## SMART DIMMABLE VINTAGE BULB

Shelly Vintage – Wi-Fi on board, Cloud and MQTT enabled, dimmable, voice control, smart Wake-up and Night mode



A60 MODEL



ST64 MODEL



G125 MODEL



### Wi-Fi Connected

No HUB required – Connect Shelly Bulb directly to your Wi-Fi at home and choice of 16 million colors.



### Energy Efficient

Reduce energy usage without brightness or quality loss.



### Easy Control

The only thing you need to manage all your Shelly Bulbs is a mobile phone and the free Shelly Cloud application.



### Dimmable light

Enjoy dimmable light by fine-tuning your brightness.



### Set Schedules

Shelly Bulb can wake you up and help you energize, read, concentrate and relax.



### Highly Compatible

Compatible with Android, iOS, Amazon Alexa and Google Assistant.



### Follow the Sunlight

Shelly Bulb can automatically turn on/off based on the sunrise and sunset hours

### TECHNICAL SPECIFICATIONS

Type	A60 / A19 <sup>1</sup>	ST64 / ST21 <sup>1</sup>	G126 / G40 <sup>1</sup>
Power supply	7W		4W
Socket	E27 / E26 <sup>2</sup>		
Power Rating	PF > 0.5		
Brightness	750lm		260lm
Color Temperature	2700K		
Working temperature	-10°C~+40°C		
Beam Angle	360°		
Complies with EU standards	RE Directive 2014/53/EU LVD 2014/35/EU EMC 2004/108/WE RoHS2 2011/65/UE		
Radio signal power	1mW		
Radio protocol	WiFi 802.11 b/g/n		
Frequency	2400 - 2484 MHz		
Operational range (depending on local construction)	up to 15m outdoors up to 8m indoors		
Dimensions	60x115mm	64x160mm	125x155mm
Electrical consumption:	< 1 W		
SAR	1.10 W/Kg		



<sup>1</sup> The The A19, ST21 and G40 are **US** equivalent of A60, ST64 and G125

<sup>2</sup> Socket for A19, ST21 and G40

# Shelly<sup>®</sup> DUO



## COLOR TEMPERATURE GUIDE

2700K



3500K



4500K



6000K



2700K



### Wi-Fi Connected

No HUB required – Connect Shelly Bulb directly to your Wi-Fi at home and dim it.



### Energy Efficient

Reduce energy usage without brightness or quality loss.



### Easy Control

The only thing you need to manage all your Shelly Bulbs is a mobile phone and the free Shelly Cloud application.



### Dimmable light

Enjoy dimmable light by fine-tuning your brightness.



### Set Schedules

Shelly Bulb can wake you up and help you energize, read, concentrate and relax.



### Highly Compatible

Compatible with Android, iOS, Amazon Alexa and Google Assistant.



### Follow the Sunlight

Shelly Bulb can automatically turn on/off based on the sunrise and sunset hours

## SMART DIMMABLE VINTAGE BULB

Shelly Duo – Wi-Fi on board, Cloud and MQTT enabled, dimmable, voice control, smart Wake-up and Night mode.

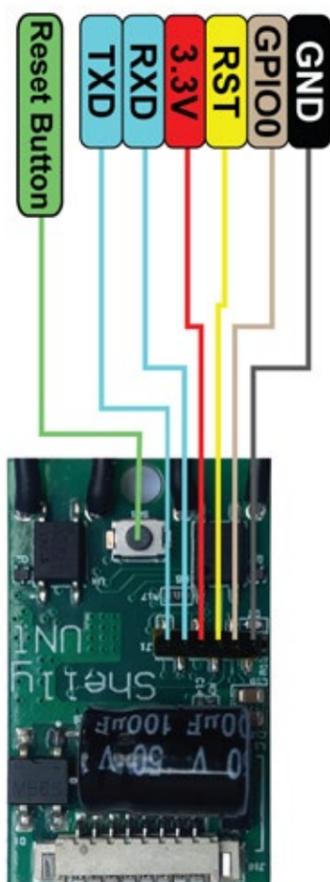
## TECHNICAL SPECIFICATIONS

	Shelly DUO	Shelly DUO GU10
<b>Power supply</b>	110-230V ±10% 50/60Hz AC	
<b>Socket</b>	E27	GU10
<b>Power Rating</b>	<ul style="list-style-type: none"> <li>• RGB: 6W</li> <li>• Warm White: 9W</li> </ul>	4.8W
<b>Brightness</b>	Warm White: 475 lm	Warm White: 475 lm
<b>Color Temperature</b>	2700K - 6500K	2700K - 6500K
<b>Working temperature</b>	-25°C ÷ 55°C	-10°C ÷ 40°C
<b>Beam Angle</b>	270°	
<b>Complies with EU standards</b>	RE Directive 2014/53/EU • LVD 2014/35/EU • EMC 2004/108/WE • RoHS2 2011/65/UE	
<b>Radio signal power</b>	1mW	
<b>Radio protocol</b>	WiFi 802.11 b/g/n	
<b>Frequency</b>	2400 - 2484 MHz	
<b>Operational range (depending on local construction)</b>	<ul style="list-style-type: none"> <li>• up to 15 m outdoors</li> <li>• up to 8 m indoors</li> </ul>	
<b>Dimensions</b>	117 x 67 x 42 mm	50 x 73mm
<b>Electrical consumption:</b>	< 1 W	
<b>SAR</b>	1.10 W/Kg	





## DEVICE PINOUT



### Wi-Fi Connected

No HUB required – Connect Shelly Bulb directly to your Wi-Fi at home.



### Universally flexible power supply

Shelly UNI can be powered with the wide range of 12V-36V DC and 12V-24V AC.



### Universal ADC

The ADC range can measure any voltage from 0 to 30 VDC. Dual ranges from 0-12V and 12-30V give exceptionally high accuracy.



### Universal temperature & humidity sensors

Shelly UNI supports up to 3xDS18B20 temperature sensors or 1X humidity sensors, making it possible to trigger outputs, local and cloud scenes.



### Universally digital inputs

Includes 2 digital inputs, which can be support differing voltages and work separately from 2.2-36V DC and 12-24V AC.



### Universally digital inputs

Includes 2 digital inputs, which can be support differing voltages and work separately from 2.2-36V DC and 12-24V AC.



### Universal protocols

Out of the box, Shelly UNI supports REST, MQTT, CoAP, Alexa, Google Home, and Samsung Smart Things, making it highly compatible with all major home automation platforms.



### Universal resistance

Even though there is no plastic cube, the transparent insulation cover over the chip protects it from high humidity, dust, and the threat of short circuits during its long working hours.

## THE INTELLIGENT WI-FI OPERATED IMPLANT

Make any old appliance smart! Shelly UNI is the smallest universal module with two available digital inputs and potential-free outputs, providing endless functionalities.

## TECHNICAL SPECIFICATIONS

<b>Power supply</b>	12V – 24V AC, 12V – 36V DC
<b>Inputs</b>	2 Separated digital inputs from 2.2-36V DC and 12-24V AC
<b>Outputs</b>	2 Potential free outputs up to 36VAC and 24VDC, max 100 mA each
<b>Power measurement</b>	1 ADC – dual ranges from 0-12V and 12-30V
<b>Channels</b>	2
<b>Working temperature</b>	-40°C ÷ 40°C
<b>Power consumption</b>	< 1W
<b>Complies with EU standards</b>	RE Directive 2014/53/EU • LVD 2014/35/EU • EMC 2004/108/WE • RoHS2 2011/65/UE
<b>Radio signal power</b>	1mW
<b>Radio protocol</b>	WiFi 802.11 b/g/n
<b>Frequency</b>	2400 - 2484 MHz
<b>Operational range (depending on local construction)</b>	• up to 50 m outdoors • up to 30 m indoors
<b>Dimensions</b>	20mm x 33mm x 13mm

- No HUB required.
- Wide range of voltage support.
- 2 digital inputs
- 2 potential-free outputs
- ADC range can measure any voltage from 0 to 30 VDC
- Supports up to 3xDS18B20 temperature sensors or 1X humidity sensors
- Transparent insulation cover over the chip protects it from high humidity, dust, and the threat of short circuits
- Designed to fit in most standard electrical boxes and switches.
- It can be integrated to work with all other Shelly devices.
- Compatible with Android, iOS, Amazon Alexa, Google Assistant, and home automation servers using MQTT, CoAP, and REST API.
- Easily make your Arduino project live and usable in your automation project.

# Shelly<sup>®</sup> dimmer2

## SMALL SIZE FULL OF FUNCTIONALITIES



Intelligently designed to fit in most standard electrical boxes and switches. Shelly Dimmer 2 is a tiny device offering an array of dimming functionalities.



### No additional controller

Shelly Dimmer 2 uses your home WiFi network, no additional controllers are needed.



### On/off and dimming function

With Shelly Dimmer 2 you can turn on/off or use dimming function to set your lights to your preference.



### Overheating protection

Internal temperature sensor for overheating protection.



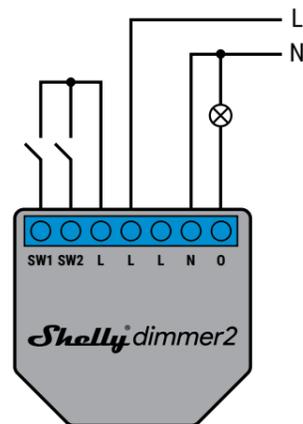
### Support 100-240V~ 50/60Hz

With Shelly Dimmer 2 you can use incandescent and halogen lights: 10-220W, dimmable LED lights: 50-200VA / 10W – 200W or resistive-inductive loads: ferromagnetic transformers 50-150VA.

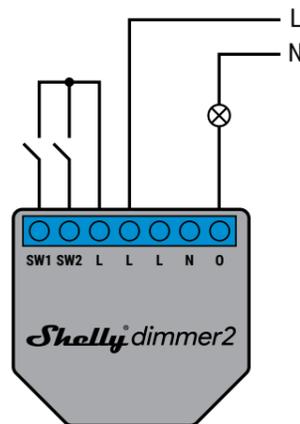


### Free Cloud

All you need to manage your Shelly Dimmer 2 is a smartphone and the Shelly Cloud free mobile application



Standard wiring with neutral



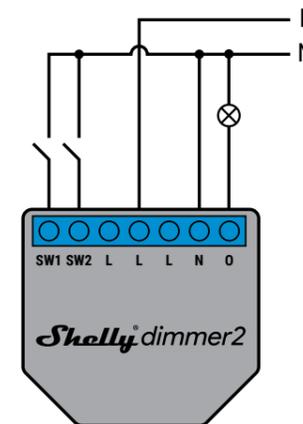
No neutral wiring

## CREATE THE PERFECT HOME ATMOSPHERE THAT SUITS YOUR MOOD

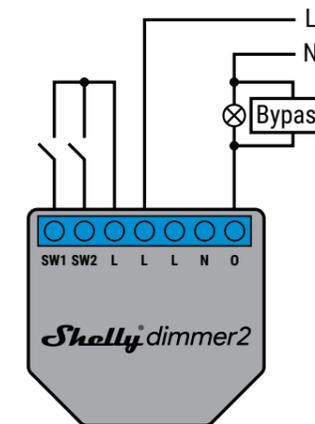
Dimming without a neutral line. We developed Shelly Dimmer 2 to be able to cover all possible electrical installations all over the world. Shelly Dimmer 2 can be used in houses where the neutral line is missing and provide a full set of dimming functionalities.

## TECHNICAL SPECIFICATIONS

<b>Power Supply</b>	110-230V ±10%, 50/60Hz
<b>Can work without neutral line</b>	Yes
<b>Complies with EU standards:</b>	RE Directive 2014/53/EU LVD 2014/35/EU EMC 2004/108/WE RoHS2 2011/65/UE
<b>Working temperature:</b>	0 ÷ 35°C
<b>Radio signal power:</b>	1mW
<b>Radio protocol:</b>	WiFi 802.11 b/g/n
<b>Frequency:</b>	2400 - 2484 MHz;
<b>Operational range (depending on local construction):</b>	up to 50 m outdoors up to 30 m indoors
<b>Dimensions:</b>	42mm x 36mm x 14 mm
<b>Electrical consumption:</b>	< 1 W



Standard wiring with neutral and SW connected to neutral



No neutral wiring with no minimum load requirements

## Use with any bulb you want

Shelly Dimmer 2 can be used with a variety of light bulbs. From halogen and incandescent lights to dimmable LED and resistive - inductive load ferromagnetic transformers.



# Shelly® Door/Window2



## LIGHTING FAST RESPONSE

For at least 1.5 seconds the sensor will send local request to another Shelly device or over MQTT. Response time depends on the local WiFi network. Signal strength, fixed IP address and fast router maintain fast association.



## BATTERY LIFE

More than 12 000 wake-up and 18 months of battery life. The very low power CPU combined with 2x CR123A battery allow more than 2-year battery life thus making the Shelly Door/Window the device with longest battery life.



### No additional controller

Shelly Door/Window sensor uses your home WiFi network, no additional controllers are needed.



### Open-close sensor

Shelly Door/Window detects and reports the opening and closing of doors and windows.



### Temperature sensor

Be aware of temperature fluctuations and keep your home comfortable at any time.



### Wire free

Simply place it at your door or window.



### Free Cloud

All you need to manage your Shelly Door/Window sensor is a smartphone and the Shelly Cloud free mobile application



### Battery life up to 2 years

Feel more comfortable with the long-lasting battery life

## A DOOR AND WINDOW SENSOR WITH LUX MEASUREMENT AND FAST RESPONSE

Shelly Door/Window 2 is designed to detect and report the opening and closing of doors and windows. Its compact and improved design allows it to be easily installed on any door or window, and because of its lightweight, the sensor is nearly invisible.

### TECHNICAL SPECIFICATIONS

<b>Power Supply</b>	Two 3V DC - CR123A Batteries
<b>Battery Lifespan</b>	up to 18 months
<b>Complies with EU standards:</b>	RE Directive 2014/53/EU LVD 2014/35/EU EMC 2004/108/WE RoHS2 2011/65/UE
<b>Working temperature:</b>	-10 ÷ 50°C
<b>Radio signal power:</b>	1mW
<b>Radio protocol:</b>	WiFi 802.11 b/g/n
<b>Frequency:</b>	2400 - 2484 MHz;
<b>Operational range (depending on local construction):</b>	up to 50 m outdoors up to 30 m indoors
<b>Dimensions:</b>	Sensor 82x23x20mm Magnet 52x16x13mm
<b>Electrical consumption:</b>	Static current: ≤10 µA Alarm current: ≤60 mA

### Door/window is opened



230LUX is detected



Light ON

via REST HTTP/MQTT/CoAP/Cloud

# Shelly<sup>®</sup> GAS



## INTERCHANGEABLE PLUG

Shelly GAS supports interchangeable plug extensions in order to be compatible with different power socket standards.



### No additional controller

Shelly GAS sensor uses your home WiFi network, no additional controllers are needed.



### Gas sensor

A smart gas sensor that can detect Natural Gas and monitor your household's safety.



### Flame resistant

With a flame resistant shell, Shelly GAS will be always there for you.



### Wire free

Simply plug it to your power socket.



### Free Cloud

All you need to manage your Shelly GAS sensor is a smartphone and the Shelly Cloud free mobile application

## SMART WIFI GAS DETECTOR FOR NATURAL GAS

Many home appliances are dependent on natural gas, but not many homes have sensory detection for gas leaks, which can be dangerous. Shelly GAS is a Natural Gas detector that can help you provide additional protection for your home and family. Its long life span, little sensitivity drift, and Wi-Fi technology allow you always to know if gas is threatening your home.

## TECHNICAL SPECIFICATIONS

<b>Power Supply</b>	110-230V ±10%, 50/60Hz
<b>Alarm indicator</b>	LED Flash & Sound
<b>Alarm sensitivity</b>	6% LEL
<b>Valve manipulator jack output</b>	11-13V, 500mA
<b>Sound level</b>	≥70dB
<b>Gas detector</b>	Natural gas
<b>Complies with EU standards:</b>	RE Directive 2014/53/EU LVD 2014/35/EU EMC 2004/108/WE RoHS2 2011/65/UE
<b>Working temperature:</b>	-10 ÷ 50°C
<b>Radio signal power:</b>	1mW
<b>Radio protocol:</b>	WiFi 802.11 b/g/n
<b>Frequency:</b>	2400 - 2484 MHz;
<b>Operational range (depending on local construction):</b>	up to 50 m outdoors up to 30 m indoors
<b>Dimensions:</b>	89.5 mm x 89.5 mm x 38 mm (plug not included)
<b>Electrical consumption:</b>	< 3 W

## Smart scenes

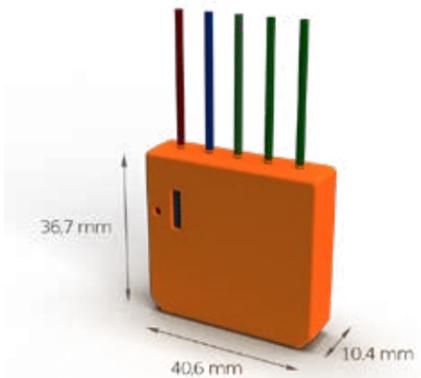
Shelly GAS can be placed almost anywhere - in the kitchen, in your bathroom, etc. Just put the device anywhere you think there is even a slight chance for gas leakage, and create your scenes for when gas is detected - windows can be opened, doors unlocked, or lights turned on.

# Shelly<sup>®</sup> i3



## WIFI ACTION AND SCENES ACTIVATION DEVICE

Shelly i3 has no relays but is small enough to be installed virtually anywhere and shows the status of 3 inputs. The device is in one of the switches and can command other connected Shelly relays, sensors, or HTTP, MQTT or CoAP controlled devices. Opportunities are endless through discrete commands on the home network or scenes in the cloud.



### SIZE MATTERS

Shelly i3 is smaller and thinner than a Shelly 1 relay. It can fit under any wall switch or tight place. The device can be placed anywhere you want, and its whole power is less than 15.5 sm<sup>2</sup>.



#### No additional controller

Shelly i3 uses your home WiFi network, no additional controllers are needed.



#### Multi-click support

Up to 24 possible actions. Control the lights, shut the blinds and open the door. Run any Shelly device and scenes you desire.



#### 3 AC inputs

Shelly i3 has three inputs for every situation. You can create scenes in the Shelly Cloud app and command them all.



#### Free Cloud

All you need to manage your Shelly devices is a smartphone and the Shelly Cloud application.



#### Support 100-240V~ 50/60Hz

Shelly i3 is compatible with all major international voltage standards.



#### Complex scenes control

With Shelly i3 you can run synchronized actions of several Shelly devices. With one push you can have the lighting in the whole house turned on/off.

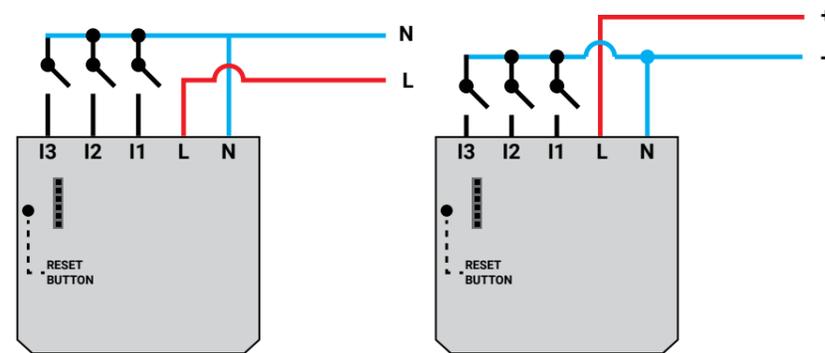
### TECHNICAL SPECIFICATIONS

<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• 110-240V ±10% 50/60Hz AC</li> <li>• 24-60V DC</li> </ul>
<b>Complex scenes control</b>	Activate or deactivate synchronized actions of several Shelly devices
<b>Complies with EU standards:</b>	RE Directive 2014/53/EU LVD 2014/35/EU EMC 2004/108/WE RoHS2 2011/65/UE
<b>Working temperature:</b>	-40 ÷ 40°C
<b>Radio signal power:</b>	1mW
<b>Radio protocol:</b>	WiFi 802.11 b/g/n
<b>Frequency:</b>	2400 - 2484 MHz;
<b>Operational range (depending on local construction):</b>	up to 50 m outdoors up to 30 m indoors
<b>Dimensions:</b>	40mm x 36mm x 10mm
<b>Electrical consumption:</b>	< 1mW

### Multi-actions support

Shelly i3 supports up to 8 different actions per button. They can control different devices directly or through cloud scenes. One-click can turn on/off the light, and two clicks can turn on/off the fan, a long push of the switch button can trigger a whole scene. Possibilities are countless.

- button on
- button off
- short push
- long push
- 2x short push
- 3x short push
- short + long
- long + short



Power supply  
110-240V AC

Power supply  
24-60V DC

# Shelly<sup>®</sup> button1



## RAIN IS NOT AN ISSUE

Shelly Button is IPX5 certified. The device can't be soaked in water, but humidity and rain are not a problem. No matter the weather conditions, you can use your Shelly Button1 wherever you want.



### No additional controller

Shelly Button 1 uses your home WiFi network, no additional controllers are needed.



### Built-in Battery

Powered by rechargeable batteries, allowing for more than 3000 actions per charge.



### Color hints

A different color response indication for different situations.



### Quick response

Response time of less than 2s on battery and 0,1s on USB power.



### Highly compatible

Shelly Button1 is Cloud connected but can also be connected via MQTT, CoAP, REST API.

## CONTROL EVERYTHING WITH JUST A CLICK

We developed Shelly Button to help you easily activate or deactivate any device or scene manually with just a click. Additionally, Shelly Button is so tiny it can be put and carried around anywhere. The button is battery-powered, and you can put it in your bag, laptop case, or even in your pocket and use it whenever and wherever you need it.

## TECHNICAL SPECIFICATIONS

<b>Power Supply</b>	Two 3V DC - CR123A Batteries or micro USB 5V
<b>Battery Lifespan</b>	3000 actions per charge
<b>Complex scenes control</b>	Activate or deactivate synchronized actions of several Shelly devices
<b>Dimming</b>	Yes
<b>Complies with EU standards:</b>	RE Directive 2014/53/EU LVD 2014/35/EU EMC 2004/108/WE RoHS2 2011/65/UE
<b>Working temperature:</b>	-40 ÷ 40°C
<b>Radio signal power:</b>	1mW
<b>Radio protocol:</b>	WiFi 802.11 b/g/n
<b>Frequency:</b>	2400 - 2484 MHz;
<b>Operational range (depending on local construction):</b>	up to 50 m outdoors up to 30 m indoors
<b>Dimensions:</b>	45mm x 45mm x 16mm

### 1 button - 4 actions

No more stressful bright light during dark hours early in the morning. Set your custom schedule and choose soft and low light while it is still dark outside when.

- 1X - Bedroom light On/Off
- 2X - Blinds are closed
- 3X - Turn fan On/Off
- Long push - Turn Off all lights

# ACCESSORIES FOR SHELLY PRODUCTS

With these accessories you can improve your experience with Shelly products

## Shelly Button

Safe way to use Shelly 1, Shelly 1PM and Shelly Dimmer out of the wall. You can make any table light, fan or heater smart.



## Shelly H&T power supply

You can power your Shelly H&T with USB instead of battery.



## Split core current transformer

Used together with Shelly EM or Shelly 3EM for energy metering.



## Temperature sensor add-on

Add-on for your Shelly 1 or Shelly 1PM.



# EAN CODES FOR SHELLY PRODUCTS

Device	Package x1	Package x2
Shelly 2,5	3809511201855	3809511202975
Shelly 1PM	3809511201985	3809511202968
Shelly 1	3809511201862	3809511202951
Shelly 3EM	3809511202111	-----
Shelly EM	3809511202104	-----
Shelly Plug S	3809511203316	-----
Shelly Plug White	3809511201879	-----
Shelly Plug Black	3809511201886	-----
Shelly H&T White	3809511201930	-----
Shelly H&T Black	3809511201947	-----
Shelly Flood	3809511202005	-----
Shelly RGBW2	3809511201961	3809511203422
Shelly Vintage A60	3809511202272	-----
Shelly Vintage G125	3809511202289	-----
Shelly Vintage ST64	3809511202296	-----
Shelly Duo	3809511202401	-----
Shelly DUO GU10	3809511202586	-----
Shelly Bulb White	3809511201923	-----
Shelly Bulb Black	3809511201893	-----
Shelly UNI	3809511202685	-----
Shelly Dimmer	3809511202166	3809511203415
Shelly Door/Window 2	3809511202173	-----
Shelly Gas	3809511202463	-----
Shelly i3	3809511202593	-----
Shelly Button 1	3809511202623	-----
Shelly Button White	3809511202180	-----
Shelly Button Black	3809511202197	-----
Shelly H&T USB White	3809511202210	-----
Shelly H&T USB Black	3809511202227	-----
Split core current transformer 50A	3809511202128	-----
Split core current transformer 120A	3809511202135	-----
Temperature sensor add-on	3809511202265	-----



# MAKE **IoT** SIMPLE