

## **PRODUCT CATALOGUE**





**HOME AUTOMATION SYSTEMS** 

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Shelly

### **MAKE YOUR HOME SMART**

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.





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.

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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



### SHELLY 2,5 CONNECTING EVERYTHING



### SHELLY 2,5 IS 39x36x17 mm



### MANAGE YOUR COOLING AND HEATING SYSTEM REMOTELY









## 4



#### Mobile app control

Wi-Fi Connected

Access Point.

**Power Metering** 

**Energy Efficient** 

controlling.

up to 30%.

2 Channels

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

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

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

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

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



### **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.



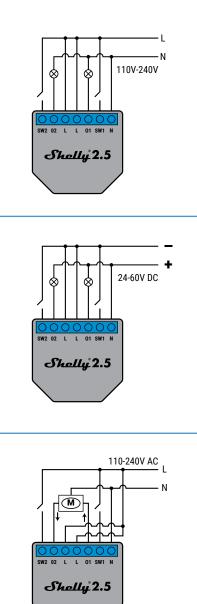
PRACTICAL Shelly 2,5 can be installed on a DIN into your electricity box, right next to the breakers.

### **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.

### **TECHNICAL SPECIFICATIONS**

Power supply	Shelly 2,5 is compatible with all major international voltage standards 110-230V ±10% 50/60Hz AC
2 Channels	Maximum load current per output: 10A/230V, 50/60Hz. You can control a wide range of home appliances and office equipment.
Complies with EU standards:	<ul> <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>
Working temperature	-40°C ÷ 40°C
Radio signal power:	1mW
Wireless/WiFi Protocol	WiFi 802.11 b/g/n Shelly 2,5 can connect to any Wi-Fi network or can op- erate as an Access Point
Frequency:	2400 – 2500 MHz
Operational range (depending on local construction)	<ul><li>up to 50 m outdoors</li><li>up to 30 m indoors</li></ul>
Dimensions (HxWxL):	39 x 36 x 17 mm
Electrical consumption	<1W



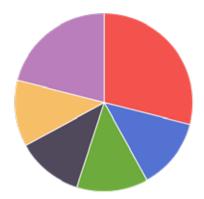
#### LEGEND:

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 01);
SW2 - Switch 2 (input controlling 02)

## Shelly<sup>®</sup> IPM



### WHERE DOES MY MONEY GO?



### HEATING

COOLING

### WATER HEATING

**APPLIANCES** 

Includes refrigerator, dishwasher, clothes, washer and dryer

### LIGHTS

### **ELECTRONICS**

Includes telephoneand external power,adapsters, consumerelectronics (computer,TVs and DVD player), home and office equipment and small appliances













Create custom daily schedules for your devices.

home and Amazon Echo compatible.

### Following the Sunlight

Home assistant compatible

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

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

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

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

Control your appliance with your voice. Shelly 1PM is Google

### Up To 3500W

**Power Metering** 

Mobile App Control

Wi-Fi Connected

controlling.

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**

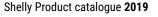
No more forgotten turned on appliances. The integrated countdown timer can automatically switch off your oven after an hour.











### **CONTROL ANY ELECTRICAL APPLIANCE AND MEASURE ITS CONSUMPTION**

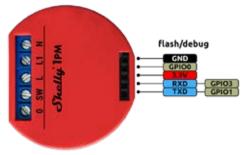
**The Wi-Fi Relay Switch Shelly 1PM** is intended to be mounted into a standard in-wall console, behind power sockets and light switches in order to control the electric power through it.

### **TECHNICAL SPECIFICATIONS**

Power supply	<ul> <li>110-240V ±10% 50/60Hz AC</li> <li>24-60V DC</li> </ul>
Max load per channel	16A
Complies with EU standards:	<ul> <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>
Working temperature	-40°C ÷ 40°C
Radio signal power:	1mW
Wireless/WiFi Protocol	802.11 b/g/n (2.4 GHz)
Frequency:	2400 – 2500 MHz
Operational range (depending on local construction):	<ul><li> up to 50 m outdoors</li><li> up to 30 m indoors</li></ul>
Dimensions (HxWxL):	41 x 36 x 17 mm
Electrical consumption:	< 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:



GPIO4 — Relay control: set HIGH to short I and O GPIO5 — SW input: reads HIGH when SW is shorted to AC/L | GND









### USE THE POWER OF MONGOOSE OS TO MAKE YOUR OWN APPLI-CATION



### MAKE YOUR ARDUINO PROJECT LIVE AND USABLE IN YOUR AU-TOMATION PROJECT



### SHARE YOUR EXPERIENCE WITH DEVELOPERS OVER THE WORLD



USE OUR REST API TO CONNECT SHELLY 1 OS WITH YOUR EXIST-ING HOME AUTOMATION SYSTEM

## { REST }









### Weekly Scheduling

Home assistant compatible

home and Amazon Echo compatible.

Mobile App Control

Wi-Fi Connected

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.

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

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

Control your appliance with your voice. Shelly 1 OS is Google

### 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.

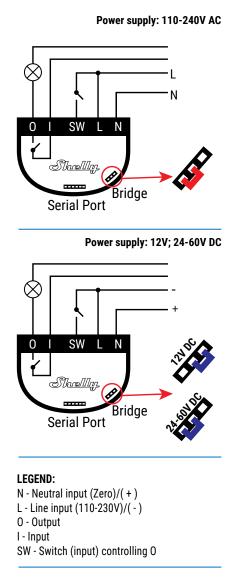


## THE SMALLEST, SMARTEST & THE MOST POWERFUL WI-FI SWITCH FOR YOUR AUTOMATION SOLUTION

**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.

### **TECHNICAL SPECIFICATIONS**

Power supply	<ul> <li>110-240V ±10% 50/60Hz AC</li> <li>24-60V DC</li> <li>12V DC</li> </ul>
Max load per channel	16A
Complies with EU standards:	<ul> <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>
Working temperature	-40°C ÷ 40°C
Radio signal power:	1mW
Wireless/WiFi Protocol	802.11 b/g/n (2.4 GHz)
Frequency:	2400 – 2500 MHz
Operational range (depending on local construction):	<ul><li> up to 50 m outdoors</li><li> up to 30 m indoors</li></ul>
Dimensions (HxWxL):	41 x 36 x 17 mm
Electrical consumption:	<1W



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.





### √ 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.



OON

OFF

#### 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.

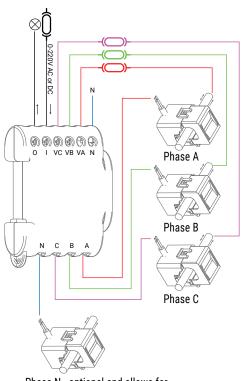
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### **PROFESSIONAL 3-PHASE ENERGY METER**

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

### **TECHNICAL SPECIFICATIONS**

Power supply	110-230V ±10, 50/60Hz AC
Power metering	3 channels, up to 12A each
Consumption history	365 days built-in energy history (Wh)
Contactor control	Maximum load 10A
Complies with EU standards:	<ul> <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>
Working temperature	-40°C ÷ 40°C
Radio signal power:	1mW
Wireless/WiFi Protocol	802.11 b/g/n (2.4 GHz)
Frequency:	2400 – 2500 MHz
Operational range (depending on local construction):	<ul><li> up to 50 m outdoors</li><li> up to 30 m indoors</li></ul>
Dimensions (HxWxL):	39 x 36 x 17 mm
Electrical consumption:	< 1 W
Additional features	<ul><li> Overpower shutdown</li><li> Consumption limit</li></ul>



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





### **MEASUREMENTS**

- $\sqrt{2x}$  Consumption(W)
- ✓ 2x Current(A)
- ✓ 2x Energy(Wh)
- ✓ 2x Load quality
- ✓ 1x Voltage(V)



### **ADDITIONAL FEAUTURES**

- √ 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 Shedules**

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**

Power supply	110-230V ±10, 50/60Hz AC
Power metering	Two channels, up to 12A each
Consumption history	365 days built-in energy history (Wh)
Contactor control	Maximum load: 2A / 230V 50/60Hz.
Complies with EU standards:	<ul> <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>
Working temperature	-40°C ÷ 40°C
Radio signal power:	1mW
Wireless/WiFi Protocol	802.11 b/g/n (2.4 GHz)
Frequency:	2400 – 2500 MHz
Operational range (depending on local construction):	<ul><li> up to 50 m outdoors</li><li> up to 30 m indoors</li></ul>
Dimensions (HxWxL):	39 x 36 x 17 mm
Electrical consumption:	< 1 W
Additional features	<ul><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 PLUGS



### 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**

Power supply	Input 110-230V,50/60Hz AC
,	
Max load	12A / 230V, 50/60Hz
Complies with EU standards:	RE Directive 2014/53/EU • LVD 2014/35/EU • EMC 2004/108/WE • RoHS2 2011/65/UE
Working tempera- ture:	-20°C ÷ 40°C
Radio signal power	1mW
Wireless/WiFi Pro- tocol	802.11 b/g/n (2.4 GHz)
Frequency	2400 – 2500 MHz
Operational range (depending on local construction):	<ul><li> up to 50 m outdoors</li><li> up to 30 m indoors</li></ul>
Dimensions (HxWxL)	70 x 44 x 44 mm
Processor (CPU)	Texas Instruments CC3200
Remote Control	Through mobile app & web interface
Compatibility	Android (4.2+) & iOS (8+), web browsers
Languages	Multiple through mobile app & web interface
SAR	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 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**















Weekly scheduling

Follow the sunlight

and sunset hours

Wi-Fi Connected

an Access Point.

controlling.

**Free Cloud** 

**Power Consumption** 

Create custom daily schedules for your devices.

Shelly Cloud free mobile application



### Mobile app control

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

Shelly<sup>™</sup> Plug can connect to any Wi-Fi network or can operate as

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

All you need to manage your Shelly Plug is a smartphone and the

Shelly Plug can automatically turn on/off based on the sunrise

### 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**

Power supply	Input 110-230V,50/60Hz AC
Max load	16A / 230V per output
Complies with EU standards:	<ul> <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>
Working tempera- ture:	0°C ÷ 40°C
Radio signal power	1mW
Wireless/WiFi Pro- tocol	802.11 b/g/n (2.4 GHz)
Frequency	2400 – 2500 MHz
Operational range (depending on local construction):	<ul><li> up to 50 m outdoors</li><li> up to 30 m indoors</li></ul>
Dimensions (HxWxL)	98 x 56 x 35 mm
Processor (CPU)	Texas Instruments CC3200
Remote Control	Trough mobile app & web interface
Compatibility	Android (4.2+) & iOS (8+), web browsers
Languages	Multiple trough mobile app & web interface
Electrical consump- tion	< 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







OFF C

### 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**

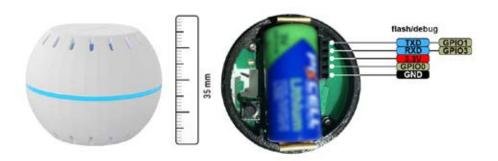
The only thing you need to manage all your Shelly H&T devices is a mobile phone and the free Shelly Cloud application.

### 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**

Battery	CR123A – 3V ( <b>NOT</b> included)
Battery life	Up to 18 months
Electrical consump- tion:	<ul> <li>Static ≤70uA</li> <li>Awake ≤250mA</li> </ul>
Humidity measurement range:	0~100% (±5%)
Temperature mea- surement range:	-40°C ÷ 60 °C (± 1°C)
Working tempera- ture:	-40°C ÷ 60°C
Radio signal power	1mW
Wireless/WiFi Pro- tocol	802.11 b/g/n (2.4 GHz)
Frequency	2400 – 2500 MHz
Operational range (depending on local construction):	<ul><li> up to 50 m outdoors</li><li> up to 30 m indoors</li></ul>
Dimensions (HxWxL)	35x45x45 mm
Complies with EU standards:	<ul> <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 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

**Battery** 

Wi-Fi

**Easy control** 

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

The only thing you need to manage your Shelly Flood, is a mobile

Feel comfortable with the up to 18 month battery life.



## OFF C

Connect Shelly Flood directly to your Wi-Fi.

phone and the free Shelly Cloud application.

### 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**

Battery	CR123A – 3V ( <b>NOT</b> included)
Battery life	Up to 18 months
Electrical consumption:	<ul> <li>Static ≤5uA</li> <li>Awake ≤100mA</li> <li>Alarm ≤120mA</li> </ul>
Temperature mea- surement range	-20°C ~ 50°C (± 1°C)
Working tempera- ture:	-40°C ÷ 60°C
Radio signal power	1mW
Wireless/WiFi Pro- tocol	802.11 b/g/n (2.4 GHz)
Frequency	2400 – 2500 MHz
Operational range (depending on local construction):	<ul><li> up to 30 m outdoors</li><li> up to 10 m indoors</li></ul>
Dimensions (HxWxL)	70x70x19 mm
Complies with EU standards:	<ul> <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 steps1. Download the Shelly Cloud application on your smartphone or tablet2. 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

at home.

Weekly Schedules

Sunrise/Sunset Shedules

help you relax at home.

**Control Remotely** 

you in darkness.

can control your lighting accordingly

change color

**Color Effects** 













### Highly Compatible

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

No HUB required - Connect Shelly RGBW2 directly to your Wi-Fi

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

Shelly RGBW will automatically follow the sunrise and sunset and

The 6 unique colorful effects will set the mood for your party or

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

#### 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 countdown timer can automatically switch off your lights after an hour.

ON

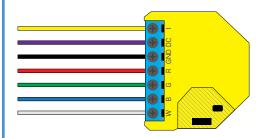
### **WIFI RGBW LED CONTROLLER**

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	
1116110653	
Output interface	4 ways PWM: R/G/B/W 3 ways PWM: R/G/B
-	4 ways PWM: 4xWhite strips or 4x12/24v led bulbs
Interface	Reset button, AC 230V switch input
AC switch	On/OFF and Dimming function
WiFi Parameters and F	eatures
WiFi work mode	STA/AP/STA+AP/Smart Config
Security Specialty	None,WEP,WPA-PSK,WPA2-PSK (TKIP/AES)
WiFi Standard	IEEE 802.11b/g/n
	802.11b (CCK) 11Mbps: 20+/-1.5dBm
WiFi Power	802.11g (OFDM) 54Mbps: 15.5+/-1.5dBm
	802.11n(HT20@MCS7) 72.2Mbps: 14.5+/-1.5dBm
Frequency	2.4GHz-2.5GHz (2400M-2483.5M)
Antenna	Embedded
Power Input/output	
DC Power Input	12-24V
DC Power Output 12V	144W - combined power; 45W - per channel
DC Power Output 24V	288W - combined power; 90W - per channel
Standby Current	≤50mA
Work environment	
Working temperature	-10°C ÷ 50°C
Work humidity	5% to 95% (No condensing)
WiFi Range	Indoor: 35m, Outdoor: 60m (depending on the environment)
Dimensions (HxWxL)	43x38x14 mm

- Focus on 8~36W lamps such as droplight, 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



A60 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.

Enjoy dimmable light by fine-tuning your brightness.

### Easy Control

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



### Set Schedules

**Dimmable light** 

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

#### www.shelly.cloud

### **SMART DIMMABLE VINTAGE BULB**

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

### **TECHNICAL SPECIFICATIONS**

	I COMICAL SPECIFICATIONS		
Туре	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	750	Dlm	260lm
Color Temperature		2700K	
Working temperature	-10°C~+40°C		
Beam Angle	360°		
Complies with EU standards		Directive 2014/53/ 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 – 2500 MHz		
Operational range (depending on local construction)	up to 15m outdoors up to 8m indoors		
Dimensions	60x115mm	64x160mm	125x155mm
Electrical consump- tion:	< 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 DUO



### **COLOR TEMPERATURE GUIDE**

9500K blue sky

7000K overcast

5500K sun at noon

**3750K cool fluorescent** 

3000K halogen

2700K 100W incandescent

2250K 40W incandescent

1500K candlelight



### 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.



### Enjoy dimmable light by fine-tuning your brightness.

### Set Schedules

**Dimmable light** 

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. You can pick a color temperature between **2700K** and **6500K**.

### **TECHNICAL SPECIFICATIONS**

Power supply	110-230V ±10% 50/60Hz AC
Socket	E27
Power Rating	<ul><li> RGB: 6W</li><li> Warm White: 9W</li></ul>
Brightness	<ul> <li>Red: 220-244 LM</li> <li>Green: 200-220 LM</li> <li>Blue: 200-220 LM</li> <li>Warm White: 750-800 LM</li> </ul>
Color Temperature	3000K-6500K
Working temperature	-25°C ÷ 55°C
Beam Angle	270°
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 – 2500 MHz
Operational range (depending on local construction)	<ul><li> up to 15 m outdoors</li><li> up to 8 m indoors</li></ul>
Dimensions	117 x 67 x 42 mm
Electrical consump- tion:	< 1 W
SAR	1.10 W/Kg
SAR	1.10 W/Kg



## Shelly BULB



### FOLLOW THE SUN



### THE PARTY WILL BE COLOR ENDLESS



### TRICK THE THIEF WITH SHELLY BULB





### **Energy Efficient** Reduce energy usage without brightness or quality loss.





### Dimmable light

Easy Control

Wi-Fi Connected

home and choice of 16 million colors.

Enjoy dimmable light by fine-tuning your brightness.

bile phone and the free Shelly Cloud application.

### **Set Schedules**

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

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

The only thing you need to manage all your Shelly Bulbs is a mo-



### **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

### **EASY INSTALLATION**









Remove the old boring bulb and place Shelly Bulb in the light socket Download the Shelly Cloud application and add your Shelly Bulb

Choose your color and brightness!

'ou can turn on/off your Shelly Bulb



### THE SMART WIFI RGB+W BULB

Control and adjust the brightness and color of your light depending on your mood using the free **Shelly Cloud** application. Connect Shelly Bulb directly to your Wi-Fi at home, play with the light and choose from 16 million colors to match the light to your mood.

### **TECHNICAL SPECIFICATIONS**

Power supply	110-230V ±10% 50/60Hz AC
Socket	E27
Power Rating	<ul><li> RGB: 6W</li><li> Warm White: 9W</li></ul>
Brightness	<ul> <li>Red: 220-244 LM</li> <li>Green: 200-220 LM</li> <li>Blue: 200-220 LM</li> <li>Warm White: 750-800 LM</li> </ul>
Color Temperature	3000K-6500K
Working temperature	-25°C ÷ 55°C
Beam Angle	270°
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 – 2500 MHz
Operational range (depending on local construction)	<ul><li> up to 15 m outdoors</li><li> up to 8 m indoors</li></ul>
Dimensions	117 x 67 x 42 mm
Electrical consump- tion:	< 1 W
SAR	1.10 W/Kg

The Shelly Smart WiFi RGB+W Bulb is intended to be installed into a standard light socket (E27) in order to control the color and to dim the light.Shelly may work as a standalone device or as an accessory to a home automation controller.

- Control through WiFi from a mobile phone, tablet, PC, automation system or any other device supporting HTTP and/or UDP protocol.
- Microprocessor management.
- Controlled elements: multiple white and color (RGB) LED diods.
- Shelly may be controlled by an external switch.

# Shelly SENSE



### SHELLY SENSE IS THE PERFECT ALL-IN-ONE ROOM SENSOR



### SHELLY SENSE SAVES INFORMATION ABOUT THE TEMPERATURE AND HUMIDITY





### Along with the IR blaster and the mobile app Shelly Cloud you can control air conditioners, TVs, home theater systems from your

smartphone.

Illumination

Humidity

Universal remote controller







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

Temperature

Motion Detection

tions for mold growth.

Be informed if unknown presence occurs when you are not at home.

Monitor excessive changes in humidity. Avoid dryness and condi-



### Battery life up to 10 days

Feel more comfortable with the long-lasting battery life

Measure the level of light and control its ambiance.



### Free Cloud

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

### **EASY INSTALLATION**







Connect Shelly Sense to your Wi-Fi router



Place the device wherever you wish



Add all your remotes and IR controlled devices in one place

### **WI-FI MULTISENSOR & UNIVERSAL IR REMOTE**

**The Wi-Fi All-in-one smart sensor Shelly Sense** measures the temperature, humidity and illumination in the room. It has an integrated motion sensor, which can inform you if unknown presence is detected when you are not at home. Along with the IR blaster, Shelly Sense supports control over the majority ACs, TVs, Hi-Fis and STBs on the market. **Shelly Sense** stores history for the temperature and humidity at your home for up to one year – day by day, hour by hour.

### **TECHNICAL SPECIFICATIONS**

Power Supply	5V/1A DC
Description	<ul> <li>Illumination measurement limit - 1700 LUX</li> <li>Humidity measurement range - 0~100% (±5%)</li> <li>Temperature measurement range - 0°C ~ 60°C (± 1°C)</li> </ul>
Motion detection	<ul> <li>Angle – 120°</li> <li>Range – up to 5 m</li> </ul>
IR range	Up to 10 m range, in an unobstructed environment
Battery	Li-Ion 4400mAh
Charging port	Micro USB
Battery life	Up to 10 days
Working temperature	-20°C ÷ 40°C
Radio signal power	1mW
Radio protocol	WiFi 802.11 b/g/n
Frequency	2400 – 2500 MHz
Operational range (depending on local construction)	<ul><li> up to 15 m outdoors</li><li> up to 8 m indoors</li></ul>
Dimensions	<ul> <li>Device - 122 x 50 mm</li> <li>Stand - 38 x 62 mm</li> <li>Device + Stand - 150 x 62 mm</li> </ul>

Shelly Sense can control your lights. When you enter the room at night, Shelly Sense will detect you and will automatically turn on the lights.



With Shelly Sense and Shelly Plug you can automatically control every electric heater or appliance at home.



**Control Your Home With Your Voice.** Shelly Sense supports Amazon Alexa and Google assistant.

You can ask for the conditions in the room, Switch on/off your TV or to ask for your favorite TV channel just with a simple phrase.

# Shelly smoke







### No additional controller

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

### Protect your home

Shelly Smoke will activate a Voice and Light alarm, and send you a notification when smoke is detected.

### **Temperature sensor**

Shelly Smoke has an integrated Temperature sensor and will send you information about room temperature.

### Wire free

Simply place it to the ceiling and feel safe for your home.

### **Free Cloud**

All you need to manage your Shelly Smoke 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

### THE MOST INNOVATIVE WI-FI SMOKE DETECTOR AND TEMPERATURE SENSOR

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

### **TECHNICAL SPECIFICATIONS**

Power Supply	3V DC - CR123A Lithium Battery
Battery Lifespan	up to 2 years
Sound alarm:	85dB (up to 3m)
Complies with EU standards:	RE Directive 2014/53/EU LVD 2014/35/EU EMC 2004/108/WE RoHS2 2011/65/UE
Working temperature:	-10 ÷ 50°C
Radio signal power:	1mW
Radio protocol:	WiFi 802.11 b/g/n
Frequency:	2400 – 2500 MHz;
Operational range (depending on local construction):	up to 50 m outdoors up to 30 m indoors
Dimensions:	60 x 60 x 50 mm
Electrical consumption:	Static current: ≤10 µA Alarm current: ≤60 mA

### **Mobile Notifications**

When danger is detected, Shelly Smoke automatically starts the alarm and sends a notification to your mobile device. You are informed about everything, wherever you are.







System integration with other Shelly Devices

- Send command to Shelly 2,5 opening all doors
- Ventilation system is activated
- All electric devices are switched OFF
- · All the lights are switched ON

## Shelly dimmer

### **SHELLY DIMMER**



110V - 220V AC Power supply Min. load <10, Max. load 200W More load types supported Power meter Required neutral line



### No additional controller

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

### On/off and dimming function

With Shelly Dimmer/SL you can turn on/off or use dimming function to your lights

### **Overheating protection**

Internal temperature sensor for overheating protection.

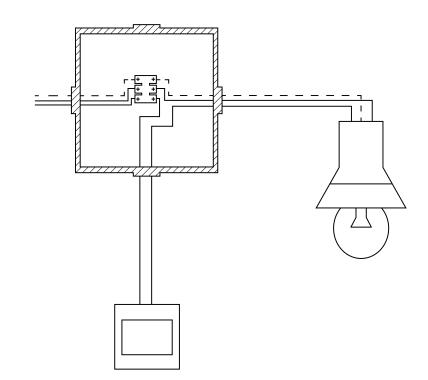
### Support 100-240V~ 50/60Hz

With Shelly Dimmer/SL you can use incandescent and halogen lights: 10-220W, dimmable LED lights: 50-200VA / 10W - 200W or resistive-inductive loads: ferromagnetic transformers 50-150VA. Shelly Dimmer SL 200-240V neutral not required.



### Free Cloud

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

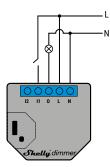


### WIFI SMART HOME AUTOMATION SHELLY DIMMER

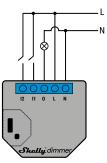
Shelly Dimmer uses your home WiFi network, no additional controllers are needed

### **TECHNICAL SPECIFICATIONS**

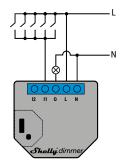
Power Supply	200 - 240V ±10, 50Hz AC 110-240V ±10, 50/60Hz AC
Can work without neutral line	No
Complies with EU standards:	RE Directive 2014/53/EU LVD 2014/35/EU EMC 2004/108/WE RoHS2 2011/65/UE
Working temperature:	0 ÷ 35°C
Radio signal power:	1mW
Radio protocol:	WiFi 802.11 b/g/n
Frequency:	2400 – 2500 MHz;
Operational range (depending on local construction):	up to 50 m outdoors up to 30 m indoors
Dimensions:	42 x 38 x 9 mm
Electrical consumption:	Static current: ≤10 μA Alarm current: ≤60 mA



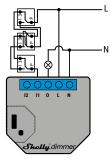




**Double switch** 



**Momentary switch** 



3-way switch

## Shelly Door/Window



### **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 that 12 000 wake-up and 2 years of battery life. The very low power CPU combined with 2x CR123A battery allow more that 2-year battery live 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.

### Door sensor

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

### Window sensor

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

### 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

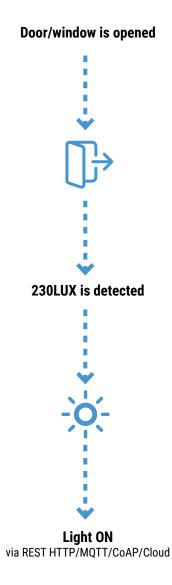
Feel more comfortable with the long-lasting battery life

### A DOOR AND WINDOW SENSOR WITH LUX MEASUREMENT

The Shelly Door/Window sensor detects and reports the opening and closing of doors and windows. Easily installed on any door or window, the sensors trigger a signal when parted, notifying the user when a room is entered.

### **TECHNICAL SPECIFICATIONS**

Power Supply	Two 3V DC - CR123A Batteries
Battery Lifespan	up to 2 years
Complies with EU standards:	RE Directive 2014/53/EU LVD 2014/35/EU EMC 2004/108/WE RoHS2 2011/65/UE
Working temperature:	-10 ÷ 50°C
Radio signal power:	1mW
Radio protocol:	WiFi 802.11 b/g/n
Frequency:	2400 – 2500 MHz;
Operational range (depending on local construction):	up to 50 m outdoors up to 30 m indoors
Dimensions:	Sensor 82x23x20mm Magnet 52x16x13mm
Electrical consumption:	Static current: ≤10 µA Alarm current: ≤60 mA



### **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.



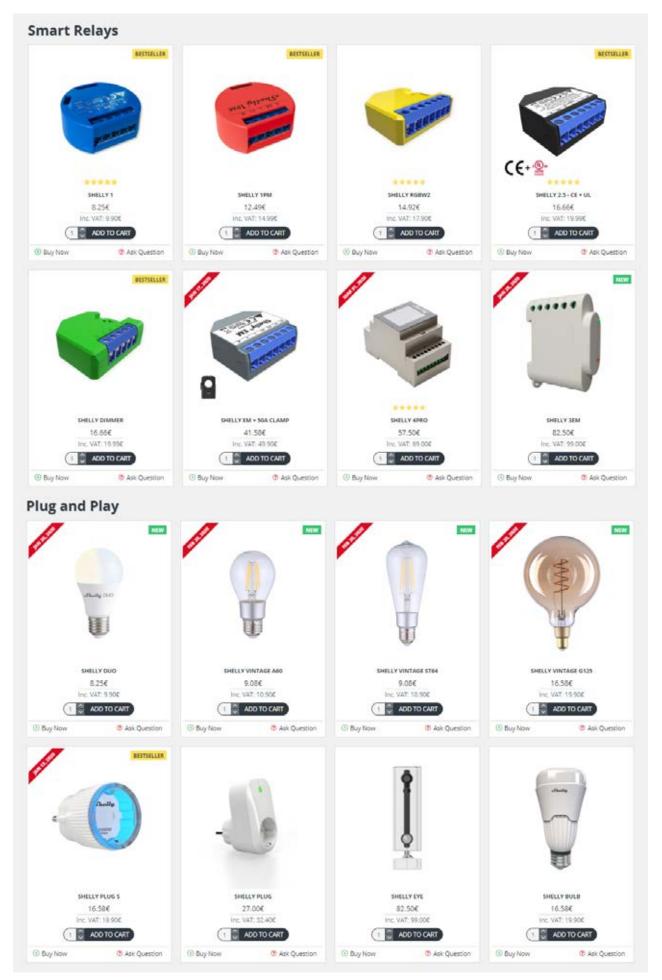






### **SHELLY ONLINE SHOP**

Find our latest products and promotions at our shop https://shop.shelly.cloud/



# MAKE **IOT** SIMPLE



For sales inquiries please address sales@allterco.com.