



SHELLY 2PM GEN3 2-CHANNEL SMART SWITCH WITH POWER MEASUREMENT AND COVER CONTROL



link to the product:

<https://www.batna24.com/gb/p/relays-and-modules/shelly-2pm-gen3-2-channel-smart-switch-with-power-measurement-and-cover-control>

Price: **75.77 zł** gross / 61.60 zł net



Shelly

Manufacturer: SHELLY

Referention number: DNXXGIHJGRMLNJ

Information:

The Shelly 2PM Gen3 is a dual-channel smart relay that enables remote control of electrical devices via WiFi and Bluetooth, making it ideal for installation in a standard electrical box. It allows for efficient management of lighting and control of blinds, shutters, and awnings, featuring an obstacle detection function. Equipped with a powerful ESP-Shelly-C38F processor and 8 MB of flash memory, it ensures stable operation. It also enables real-time monitoring of energy consumption for each channel, allowing for cost optimisation. The Shelly 2PM Gen3 is compatible with popular smart home ecosystems such as Amazon Alexa and Google Home, and its overload and overheating protections enhance the safety of the installation. This is an excellent solution for those planning automation and energy monitoring in modern homes.

Product features

Height	16 mm
Width	37 mm
Depth	42 mm
Connectivity technology	Wireless
Nominal current output	10 A
DC voltage range	24 V
Operating temperature (T-T)	-20 - 40 °C
Radio frequency	2402 MHz
Maximum outdoor range	30 m
Maximum indoor range	10 m
Suitable for indoor use	Yes
Wi-Fi	Yes
AC input frequency	50 Hz

AC input voltage	110 V
Product colour	Black
Number of poles	2P
Type	Smart switch
Product weight	30 g

Full product description

Shelly 2PM Gen3 - Multifunctional management of blinds and energy in your home

Shelly 2PM Gen3 is a functional, **dual-channel** smart **relay** that allows you to **control** a wide range of electrical devices via **WiFi** and **Bluetooth**. The device is designed as a **flush-mounted controller**, enabling its installation in a location such as a standard **electrical box**, behind a socket or switch. **Shelly 2PM Gen3 enables remote control** of lighting or two independent circuits, and thanks to a special operating mode, it serves as an efficient **blinds controller**, for shutters and awnings.



Efficient technology and ESP-Shelly-C38F processor

Compared to its predecessors from the **Shelly Plus** series, the **Gen3** model offers significant hardware improvements. The heart of the device is the **ESP-Shelly-C38F processor**, which combined with **8 MB** of flash memory ensures stable operation and quick response to commands sent via **wifi**. **Shelly 2PM Gen3** supports the **MQTT protocol** and scripts, allowing for the creation of advanced **automation** rules. The built-in **Bluetooth** module acts as a gateway, facilitating **management** of other devices in the **smart** home ecosystem.



Precise blinds and shutter controller with louver support

Shelly 2PM Gen3 is the right choice for those who want to automate **electric** window drives. As a **wifi blinds controller**, the device allows not only raising and lowering the shutter but also supports **bidirectional** motor movement with obstacle detection functionality. The **device** also supports facade blinds (Venetian blinds), allowing you to **monitor** and **control** how each **louver** is set. This way, you can precisely adjust the intensity of light coming through the window, using **remote control** from the app.



Power measurement and real-time energy consumption monitoring

An important feature offered by this **dual-channel relay** is **precise measurement** of electrical parameters. **Shelly 2PM Gen3** allows for **monitoring energy consumption** for each channel separately. Real-time **energy** data is sent to the app, enabling the user to **monitor** the load and optimise operating costs. Additionally, the **controller** has protections against overload, surges, and overheating, enhancing the safety of the installation in any **home**.



Wide automation and compatibility with smart home systems

Smart dual-channel relay with power measurement seamlessly integrates with popular ecosystems such as **Amazon Alexa**, Google Home, and Samsung SmartThings. Users can program a **schedule** for the **blind**, **awning**, or **curtain** to open at sunrise. With stable **wifi** connectivity, it is possible to **control two** circuits from **anywhere** in the world. **Shelly 2PM Gen3 is compatible** with many **home automation** standards, making it a practical element of modern electrical installations.



Technical specifications

Parameter	Value
Power supply	110 - 240 V AC / 24 V DC $\pm 10\%$
Number of channels	2 channels (dual-channel)
Maximum load	10 A per channel, 16 A total
Power measurement	Yes, for each channel separately
Processor	ESP-Shelly-C38F (8 MB flash memory)
Connectivity	Wi-Fi 802.11 b/g/n, Bluetooth 4.2
Supported covers	Blinds, shutters (louvers), awnings, curtains
Dimensions	37 x 42 x 16 mm
Operating temperature	-20°C to 40°C

Key advantages

- Efficient **flush-mounted controller** with the ability to control two circuits or one blind motor.
- **Precise** measurement system allowing for **monitoring** of electricity consumption in **real-time**.
- Advanced **Gen3** processor ensuring stability and support for the KNXnet/IP standard.
- Functional blinds mode with adjustable louver angle.

- Stable **wifi** connectivity and Bluetooth gateway for expanding the **smart** ecosystem.
- Built-in thermal and overload protections for the safety of connected devices.

This product is suitable for

- Users planning **remote control** of external blinds and facade shutters.
- Individuals building a **smart** home based on open protocols such as **MQTT** and HTTP API.
- Apartment owners who want to implement **energy consumption monitoring** without replacing the entire installation.
- Installers looking for a stable, 2-channel module for controlling lighting in an electrical box.