

WiFi Shelly Shutter + BLU Button Tough 1 blinds/curtains controller



Model: Shutter+BLUB1

Manufacturer: SHELLY

EAN: 3800238071752

Product Code: 806336

R1,700

Shelly Shutter + BLU Button Tough 1 WiFi blinds/curtains controller.

Shelly Shutter Controller together with BLU Button Tough 1 is a compact smart home solution that can be easily installed in a standard electrical box - behind a switch or a button. In addition to convenient shield control, you also gain an energy metering function that allows you to monitor and optimize the operation of appliances in your home. In this way, Shelly Shutter combines comfort, savings and modern design without extensive changes to the installation.

Full control and intelligence at your fingertips

The controller allows you to remotely manage blinds, shades, awnings or other shades via your smartphone, tablet, computer or home automation system – both locally via Wi-Fi and remotely via

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the cloud. You can also set operating schedules tailored to sunrise and sunset, and create smart scenarios within the Smart Scenes function. As a result, the Shelly Shutter can work with other Shelly devices to build complex whole-house automations that enhance daily living and save energy.

Advanced functionality

Shelly Shutter has a built-in energy metering module, so you monitor how much electricity your shutters are using and gain knowledge about energy efficiency. Depending on your needs, you can control not only the up/down movement, but also the angle of the Venetian blinds' slats - all within one device.

Easy installation and integration

The controller is placed discreetly just behind the switch, allowing you to maintain interior aesthetics with minimal modifications to the electrical system. Shelly Shutter works over both Wi-Fi and Bluetooth (short-range technology for wireless communication), and supports integrations with Amazon Alexa, Google Smart Home, Samsung SmartThings, KNX (Konnex, a building automation standard) via IP (Internet Protocol, a communication protocol of the Internet network), as well as various automation systems through HTTP (Hypertext Transfer Protocol, a web-based data transfer protocol) API (Application Programming Interface, an application programming interface), MQTT (Message Queuing Telemetry Transport, a lightweight communication protocol), webhooks and UDP (User Datagram Protocol, a data transfer protocol).

Reliable and flexible operation

The device operates with 110-240 V AC at very low power consumption (0.3 W), and is equipped with overload and overheating protection - a guarantee of durable and safe operation. The controller has a built-in web interface and the ability to update software "over-the-air" (remotely via the Internet), making it easy to configure and maintain at the highest level.

Instant one-button control

Added to the kit is the Shelly BLU Button Tough1, a solidly built, wireless Bluetooth button that provides instant and intuitive control of the shields. By making one, two or three presses, you can

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control blinds, shades or awnings without the need for a phone or app. This solution is especially convenient when you need a quick manual response - without being distracted from your daily activities.

Included

- Controller
- Wireless control button
- Installation/configuration instructions
- Set of mounting components

General

Manufacturer Shelly

Model Shutter+BLUB1

Dimensions and design

Dimensions (H × W × D).	37 × 42 × 16 ±0.5 mm
Weight	30 g
Maximum tightening torque of screw terminals	0.4 Nm
Cable cross section	0.2 to 2.5 mm ² (solid, wire and crimp sleeves)
Wire stripping length	6 to 7 mm
Mounting	Installation box
Housing material	Plastic
Housing color	Black
Clamp color	Black

Environmental conditions

Ambient operating temperature -20°C to 40°C

Humidity 30% to 70% RH

Maximum altitude. 2000 m

Electrical parameters

Power supply 110-240 V~ 50/60 Hz

Power consumption 1,4 W

External protection Tripping characteristic B or C, max. rated current 16 A, minimum breaking capacity 6 kA, energy limitation class 3

Output circuits

Maximum switching voltage 240 V~

Maximum AC switching current 4 A for motors with compensated power factor (inductive loads)

Supported motor type AC single-phase motors

Required limit switches Electronic or mechanical

Sensors and measurements

Voltmeter (AC) Yes

Ammeter (AC) Yes

Internal temperature sensor Yes

Wi-Fi connectivity

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Wi-Fi protocol 802.11 b/g/n

RF bandwidth (Wi-Fi) 2412 - 2472 MHz

Max RF power (Wi-Fi) 20 dBm

Wi-Fi range Up to 30 m indoors/ Up to 50 m outdoors (depending on local conditions)

Bluetooth connectivity

Bluetooth protocol 4.2

RF bandwidth (Bluetooth) 2402 - 2480 MHz

**Max RF power
(Bluetooth)** 4 dBm

Bluetooth range Up to 10 m indoors/up to 30 m outdoors (depending on local conditions)

Microprocessor unit

CPU ESP-Shelly-C38F

Flash memory 8 MB

Software and functions

Schedules 20

Webhooks (URL shares) 20 with up to 5 URLs per webhook

Scripts Yes

MQTT Yes

Category: Roller shutter controllers, Information about data generation:

<https://dataact.innpro.pl/Shelly/3800238071752>, GPSR Link: [https://psr-](https://psr-assets.innpro.pl/smarthome/sg_smarthome_controls.pdf)

[assets.innpro.pl/smarthome/sg_smarthome_controls.pdf](https://psr-assets.innpro.pl/smarthome/sg_smarthome_controls.pdf), Gross weight: 80, Net weight: 42, Box length: 10,50, Box width: 5,50, Box height: 2,50

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