Shelly

Pro Dual Cover/Shutter PM

Overheating protection
In case of unsafe temperature levels or rapid temperature increase, device switches off the outputs and sends notification.

Overpower protection
Detected overpower will lead to outputs switch off by the device and it will immediately send a notification.

Overvoltage protection*
To avoid damage to the electrical appliances the device switches off the outputs when overvoltage peaks are detected and immediately sends a notification.
*Feature is available only for power metering-enabled devices

LAN, Wi-Fi, and Bluetooth connectivity
LAN connection for high security and reliability. Simultaneous Wi-Fi and LAN usage, as backup when needed.

Cover (roller) control
Control two bi-directional AC motors and set your desired position.

Precise power metering
Shelly Pro Dual Cover / Shutter PM provides precise monitoring of the power consumption of both covers.

2 covers, 16 A each
Shelly Pro Dual Cover / Shutter PM has a total device output of 32A.

Enhanced safety & security
Improved safety features and TLS 1.2 support, allowing a broad range of secure cloud-connected and local integrations.

Scripting capabilities
Set custom scenes by combining Shelly Pro Dual Cover / Shutter PM with your other devices.

Automated blinds
Control motorized blinds, curtains, and roller shutters to improve privacy, energy efficiency, and home security.

Remote control of parking gates
Shelly Pro Dual Cover / Shutter PM can give you remote control over your parking barriers or gate doors and ensure that only authorized individuals can operate them. You can schedule the gate to open during specific times of the day. Additionally, you can integrate gate control with other smart devices, such as outdoor lighting or surveillance cameras.

An awning that follows the weather
Automatically close the outside awnings to protect them from the wind. Additionally, if the weather forecast predicts, Shelly Pro Dual Cover / Shutter PM will open the awnings again to protect the outside seated customers.

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WHY SHELLY PRO DUAL COVER / SHUTTER PM? DUAL CONTROL, ONE SOLUTION!

This smart controller is supporting up to 16A load per cover. **Shelly Pro Dual Cover/Shutter PM** is equipped with integrated precise power meters that allow you to control and monitor the consumption of each cover separately. It is perfect for the automation of roller shutters, curtains, awnings, gates, and many more.

TECHNICAL SPECIFICATIONS

Power supply	110-240 VAC, 50/60 Hz
Max load per cover	16 A
Total max. current of all outputs	32 A
Complies with EU standards:	• RED 2014/53/EU • LVD 2014/35/EU • EMC 2014/30/EU • RoHS2 2011/65/EU
Working temperature	-20°C to 40°C / -5°F to 105°F
Max RF power	< 20 dBm
Wireless/Wi-Fi Protocol	802.11 b/g/n (2.4 GHz)
Frequency	2400 - 2495 MHz
Operational range Wi-Fi (depending on local conditions)	• Up to 30 m / 100 ft indoors • Up to 50 m / 160 ft outdoors
Dimensions (HxWxD)	96x53x59 mm / 3.78x2.01x2.32 in
Electrical consumption	< 3 W

Legend
Device terminals:
O1, O2: Cover 1 and Cover 2 output terminal pairs
▲, ▼: Cover direction output terminals
S1, S2: Switch/button input terminals for controlling Cover 1
S3, S4: Switch/button input terminals for controlling Cover 2
L: Live (110-240 VAC) terminal
N: Neutral terminal
LAN: Local Area Network RJ 45 connector
Cables:
N: Neutral cable
L: Live (110-240 VAC) cable

HOW TO CONNECT