

Shelly^{Gen3}

Dimmer 0/1-10V PM

BRIGHTNESS THAT SUITS YOUR ACTIVITIES

Depending on your activities and the time of day, different types of light and luminosity are suitable. With Shelly Dimmer 0/1-10V PM Gen3 you can align the minimum and maximum brightness levels with your driver's range for exact precision when adjusting your lights. Whether you want to set the ambiance for a relaxing evening or ensure the best brightness for focused tasks, it grants you fine-tuned control to match every moment. No need to navigate through the app - just use your voice!

PERSONALIZED LIGHT SCHEDULES

Shelly Dimmer 0/1-10V PM Gen3 can effortlessly blend with your daily routine. Consider bedtime: Many kids prefer to fall asleep with the lights turned on. You can set schedules that, over an hour, gently dim the room before switching the lights off completely. That way, the little one will be comfortably asleep, and no energy will go to waste!

SET THE MOOD INSTANTLY

Shelly Dimmer 0/1-10V PM Gen3 doesn't stop at schedules: it embraces moments too. With its pre-set lighting scenes, a simple voice command can transform your room. Feel like watching a movie? Just tell Alexa, "Movie night," and your space instantly adapts, casting the perfect ambiance for your cinematic experience.



Wi-Fi operated

Connect Shelly Dimmer 0/1-10V PM Gen3 to your Wi-Fi network. No HUB required!

Bluetooth inclusion

Quick inclusion via Bluetooth or use it as a Bluetooth gateway.

Power measurement

Provides precise monitoring of power consumption and free data storage.

Flexible input control

Use it with your existing switches, no matter if they're single or dual buttons.

Smart schedules

Set custom schedules based on your daily agenda, or follow the sunrise/sunset and control your lighting accordingly.

Smart scenes

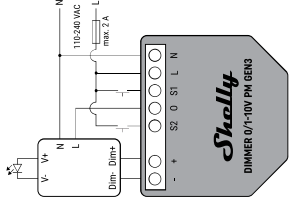
Set custom scenes by combining Shelly Dimmer 0/1-10V PM Gen3 with your other Shelly devices.

SMART DIMMING CONTROLLER WITH POWER MEASUREMENT

Designed to manage 0/1-10V dimming drivers, **Shelly Dimmer 0/1-10V PM Gen3** offers precise dimming with power measurement. It is retrofit and can be used with any regular switch you have at home.

TECHNICAL SPECIFICATIONS

Power supply	110-240 V AC, 50/60 Hz
Max. switching voltage	240 V AC
Max. switching current	13 A
Max. control current	35 mA
Complies with EU standards:	<ul style="list-style-type: none"> • 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 - 2483.5 MHz
Operational range (depending on local conditions)	<ul style="list-style-type: none"> • Up to 30 m / 100 ft indoors • Up to 50 m / 160 ft outdoors
Dimensions (HxWxL)	38,5x43,5x17 mm / 1.52x1.71x0.67 in
Power consumption	< 1.5 W
CPU	ESP-Shelly-C38F
Flash	8 MB
Wire cross section range	0.2 to 2.5 mm ² / 24 to 14 AWG



Legend

Device terminals

- +/-: 0-10 VDC positive terminal
 - : 0-10 VDC negative terminal
 - O: Relay output
 - S1: Switch/button input terminals for light control
 - S2: Switch/button input terminals for light control
 - L: Live (110-240 V) terminal
 - N: Neutral terminal
 - Dim+ / Dim-: Positive/negative terminal of the LED driver
 - V+ / V-: Positive/negative output of the LED driver
- Wires**
- N: Neutral wire
 - L: Live (110-240 V) wire

