



# Light dimmer for DALI system Shelly DALI Dimmer Gen3



Modelis: DALIGen3

Gamintojas: SHELLY

EAN: 3800235261866

Prekės kodas: 352368

## 68.99€

### Light dimmer for DALI system Shelly DALI Dimmer Gen3

The Shelly DALI Dimmer Gen3 is a compact and extremely flexible device for controlling lighting brightness in DALI systems. It operates as a single-master controller that supports luminaires with DALI Part 207 (DT6) and sends broadcast messages to all devices on the bus. It also supports Wi-Fi, Bluetooth and the BLE Gateway and Wi-Fi Range Extender function. It will work perfectly in both residential and commercial spaces - and without the need for an additional hub.

### Built-in DALI power supply and support for 5 luminaires

The device has an integrated 10 mA DALI bus power supply, allowing it to power and control up to 5 DALI luminaires without the need for an external power module. This is a huge convenience during installation - both in new buildings and when retrofitting existing lighting installations.

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš išsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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## Precise brightness control

The DALI Dimmer Gen3 offers advanced dimming capabilities - including minimum and maximum brightness settings, transition duration and button fade rate. With night mode, you can also set a fixed brightness level at specific times. The device also supports timers, weekly schedules and response to a DALI bus failure (turning the light on at 100%).

## Flexible local control

The Shelly DALI Dimmer Gen3 works with classic wall switches and allows flexible lighting control - either with one button or two. So you can easily integrate it into your existing installation.

## Full integration with the Shelly ecosystem and external systems

The dimmer integrates seamlessly with the Shelly Smart Control app, enabling remote control, scenes, schedules and local automations - even without a cloud connection. The device also supports scripting, webhooks, MQTT and local actions, giving you a lot of configuration flexibility. In addition, it supports KNXnet/IP communication, so it can be easily incorporated into advanced KNX installations. Moreover, the dimmer is compatible with popular smart home platforms such as Amazon Alexa, Google Home and SmartThings. What's more, the product belongs to the Gen3 series, featuring Shelly's proprietary ESP32-C3 chip and 8 MB of flash memory. This not only guarantees high performance, but also enables future upgrades to the Matter standard, ensuring compatibility with upcoming smart home solutions.

## Virtual component support

The Shelly DALI Dimmer Gen3 supports the "virtual components" function - new to the Gen3 series. It allows you to create virtual devices in the Shelly Smart Control app and integrate third-party products into the overall Shelly ecosystem, increasing flexibility in scene creation and automation.

**Manufacturer**

Shelly

**Model**

DALIGen3

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<b>Dimensions</b>	42 × 37 × 17 mm
<b>Weight</b>	18 g
<b>Max. tightening torque for screw connectors</b>	0.4 Nm
<b>Cable cross section</b>	0.5-1.5 mm <sup>2</sup> / 20 to 16 AWG (solid, twisted and bootlace type sleeves)
<b>Length of stripped wire</b>	5-6 mm
<b>Mounting</b>	In wall boxes, suspended ceilings
<b>Housing material</b>	Plastic
<b>Housing color</b>	Green
<b>Operating temperature range</b>	From -20°C to 40°C
<b>Working environment humidity</b>	30-70% RH
<b>Max. installation altitude</b>	2000 m
<b>Power supply</b>	110-240 V AC ±10% 50/60 Hz
<b>Power consumption</b>	2 W
<b>Neutral wire required</b>	No
<b>Bus power supply</b>	Guaranteed 10 mA (up to 5 DALI devices), short-circuit current 35 mA
<b>Bus voltage</b>	Nominal voltage 16 V
<b>Internal temperature sensor</b>	Yes
<b>Wi-Fi protocol</b>	802.11 b/g/n
<b>Wi-Fi RF band</b>	2401-2495 MHz
<b>Max. Wi-Fi signal strength</b>	20 dBm
<b>Wi-Fi range</b>	Up to 30 m indoors, up to 50 m outdoors (depending on conditions)
<b>Bluetooth protocol</b>	4.2
<b>Bluetooth RF band</b>	2400-2483.5 MHz
<b>Max. Bluetooth signal strength</b>	4 dBm
<b>Bluetooth range</b>	Up to 10 m indoors, up to 30 m outdoors (depending on conditions)

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<b>Processor</b>	ESP32-C3 Shelly
<b>Flash memory</b>	8 MB
<b>Number of schedules</b>	Up to 20
<b>Webhooks (URL shares)</b>	Up to 20 (up to 5 URLs per webhook)
<b>Scripting support</b>	Yes
<b>MQTT</b>	Yes
<b>Encryption</b>	Yes, TLS 1.2

Category: Switches , GPSR Link: [https://psr-assets.innpro.pl/smarthome/sg\\_smarthome\\_controls.pdf](https://psr-assets.innpro.pl/smarthome/sg_smarthome_controls.pdf),

Gross weight: 30, Net weight: 19, Box length: 5,00, Box width: 4,00, Box height: 2,50, Information

about data generation: <https://dataact.innpro.pl/shelly/3800235261866>

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