



Light dimmer for DALI system Shelly DALI Dimmer Gen3



Model: DALIGen3

Manufacturer: SHELLY

EAN: 3800235261866

Product Code: 515609

R1,897

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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.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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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

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

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

Category: Switches , GPSR Link: 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>, GARAN:

<https://garan.innpro.pl/shelly/3800235261866>

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