Lighting control

Flush-mounted universal dimmer

trim 100

trim 200

Description

trim 100

- The trim 100 is one of the world's smallest flush-mounted dimmers for different light sources. The device is not much bigger than an SD card and does not require a neutral conductor. It can be installed quickly and easily behind a standard push-button and is therefore perfect for retrofitting existing systems. The 2-wire flush-mounted dimmer has a smart memory function, the last set light value is saved and automatically dimmed to this value the next time it is switched on. The connected light source can be switched back to 100 % with a simple double-click on the push-button. The minimum brightness can also be set to prevent LED lamps from flickering.
- Flush-mounted universal dimmer for R and C loads with automatic load detection
- Push button operation
- Optimised settings for LEDs and incandescent lamps (minimum dimming level setting)
- Easy flush-mounting design thanks to extra compact housing
- Ideal for dimmable LEDs, halogen lamps and incandescent lamps
- Memory function saves the most recent light level value set

trim 200

- The trim 200 has the same shape and size as the trim 100 and, like the latter, is installed in the flush-mounted box behind any conventional push-button. All functions of the trim 100 are also available with the trim 200. In addition, the trim 200 can also be controlled by app via Bluetooth Mesh 5.0 and has further functions of a countdown timer, such as the staircase lighting function including pre-warning and the fade-in/fade-out function. If several Bluetooth Mesh-capable devices are installed, you can control the trim 200 via the Mesh network. The individual devices connect to a network and transmit to the next device. This makes it possible to control the devices even in remote rooms.
- Identical size, functions and installation as trim 100
- App can be operated via Bluetooth Mesh Standard 5.0
- Additional functions Count down timer applications:
- Staircase time switch function incl. switch-off pre-warning
- Children's room light with fade out function
- Gentle increase in brightness (fade in)

Product selection

Program functions	Operable via app	Type	Item no.
Memory function, 100% on double-click, adjustable minimum brightness	No	trim 100	49.01.0001.1
Memory function, 100% on double-click + staircase time switch incl. switch-off pre-warning, Fade-Out, Fade In, Bluetooth 5.0 (Mesh), adjustable minimum brightness	Yes	trim 200	49.01.0002.1

Accessories

		Compensation module	89.01.0001.1

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Application images

Technical data

	trim 100	trim 200
Operating voltage	230 V AC	
Frequency	50/60 Hz	
Type of installation	Flush-mounting	
Standby output	Approx. 0.2 W	
Incandescent/halogen load	150 W	
LED load	150 W	
Ambient temperature	−10 °C ... +45 °C	
Fuse types	Overload protection, temperature protection, short-circuit protection	
Program functions	Memory function, 100% on double-click, adjustable minimum brightness	Memory function, 100% on double-click + staircase time switch incl. switch-off pre-warning, Fade-Out, Fade In, Bluetooth 5.0 (Mesh), adjustable minimum brightness
Length of connecting wires	approx. 100 mm	

Scale drawings
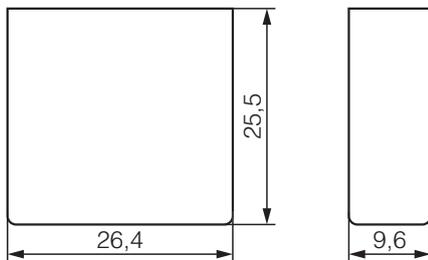
Connection examples

L = black
✂ = black
⌐ = white
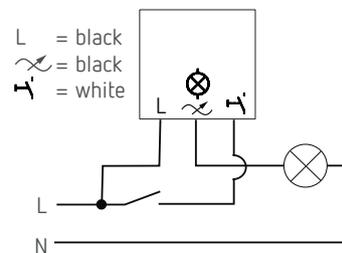
Accessories

Compensation module (89.01.0001.1)
- LED compensation module for dimmers
- To prevent afterglow with LED lamps
- For connection parallel to the load
- Housing 30 mm long, 7 mm diameter

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Bluetooth Mesh Network

Radius im eingebauten Zustand ca. 15m

Hop = 7
Hop = 7
Hop = 5
Hop = 6
Hop = 4
Hop = 6
Hop = 6
Hop = 5
Hop = 5
Hop = 6
Hop = 7
Hop = 6
Hop = 4
Hop = 6
Hop = 7
Hop = 8
Hop = 6
Hop = 7
Hop = 6
Hop = 6

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