

# 4 Dim


TapHome 4 Dim dimmer for 230 V LED bulbs. 4 channels, max 100 VA per channel. Short circuit and thermal protection, 6M DIN rail.



## Quick Facts

Dimensions	107 × 59 × 58 mm
Operating temperature	-20 ... 55 °C
IP rating	IP20
Power consumption	1 W

Dimmer for 230 VAC LED lights or dimmable LED bulbs.

Order Code	TH-4DIM-DIN-1.2
EAN	 8586022931239

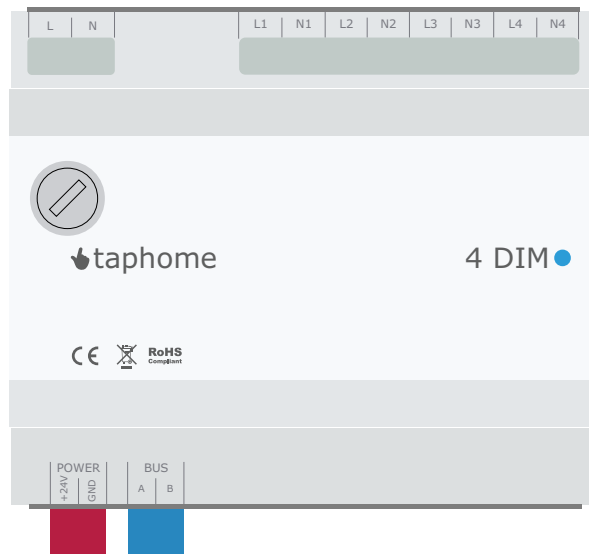
## Technical Specifications

<b>ELECTRICAL</b>	
Power supply	24 VDC ±10%
Power consumption (idle)	2 W
Bus	TapHome Bus
<b>OUTPUTS</b>	
Dimmer channels	4
Max. load per channel	100 VA (LED) / 250 W (halogen)

# Terminal Connectors

Connector	Pins	Wire range	Strip length
● AC Input	L, N	0.2–4 mm <sup>2</sup> (30–12 AWG)	6.5–7.5 mm
● Outputs	L1, N1, L2, N2, L3, N3, L4, N4	0.2–4 mm <sup>2</sup> (30–12 AWG)	6.5–7.5 mm
● Power	+24V, GND	0.2–4 mm <sup>2</sup> (30–12 AWG)	6.5–7.5 mm
● Bus	Bus A, Bus B	0.2–4 mm <sup>2</sup> (30–12 AWG)	6.5–7.5 mm

## Wiring Diagram



## Features

- 220 – 240 VAC LED light dimming
- 4 channels
- Loads:
  - Capacitive loads (LED bulbs): maximum 100 VA per channel, maximum 10 LED bulbs per channel
  - Resistive loads: maximum 250 W per channel
- Short circuit protection, temperature protection for each channel
- Total load for the whole module max. 4 A
- Every dimmed light or group of lights needs to have its own neutral (N) wire connected
- Leading edge / trailing edge – can be configured via the app
- Tested with Philips Warm Glow and Ikea dimmable LED bulbs. We do not recommend using E14 bulbs, as their compact size limits internal electronics space, which may reduce their lifespan.
- Energy consumption 1 W / Power loss at maximum load 4 W
- Operating temperature: -20 – 55 °C
- DIN rail, 6 modules. Width 107 mm, height 59 mm.

- Wire cross-section: 0.2–2.5 mm<sup>2</sup> (AWG 24–14)
  - Terminal screw torque: 0.5–0.7 Nm
  - Strip length: 6.5–7.5 mm
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**Product page**

<https://hardware.taphome.com/4-dim/>

