

Dimmer 1–10 V

CTR-01

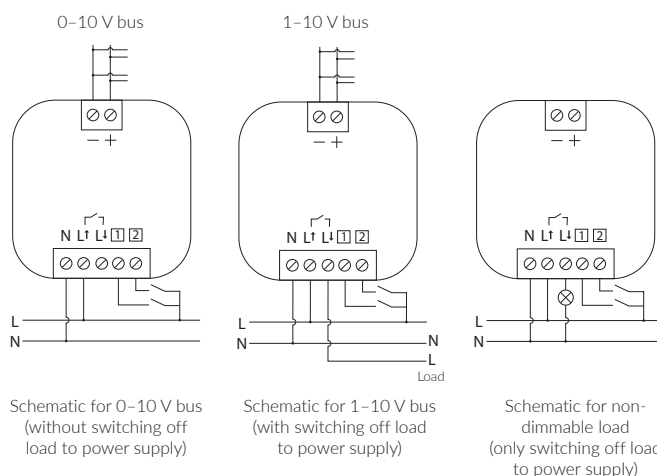


Dimmer 1–10 V is used for relay breaking or for controlling third-party products with inputs for 0–10 V or 1–10 V, such as LED drivers and HF-ballasts. The product can be controlled wirelessly via the app or through other products from Plejd.

- Relay output for controlling non-dimmable load with breaking capacity up to 16 A.
- Two inputs for local control, using for example a momentary push button, light switch or motion sensor.
- Zero crossing switching/breaker protection.
- Time functions, such as timer and astro/time schedule.
- Scenes from phone, tablet, or push button.

Install the product in the appliance box behind the push button/box lid or secure it with a Mounting clip (MNT-01, not included) on the wall or DIN rail.

Load	PF	Rated output	VA	Current
Halogen/incandescent (230 V)	1	3,500 W	3,500	16 A
LED loads	0.9	800 W	1,000	4 A
Fluorescent lamp uncompensated	0.3	700 W	2,300	10 A
Fluorescent lamp compensated	0.85	1,500 W	1,750	8 A
Low-voltage halogen electronic	0.8	1,500 W	1,750	8 A
Low-voltage halogen conventional	0.95	1,200 W	1,200	5 A
Low-energy lamps	0.6	500 W	800	4 A



MAINS ELECTRICITY

230 V/50 Hz

STANDBY POWER

<0.5 W

EXTERNAL OPERATING TEMPERATURE

-20 to +35 °C

DIMENSIONS

46x46x18 mm

CABLE AREA

Connections: 0.5–4.0 mm²

TYPE OF SWITCHING

Relay, Microgap (μ)

PROTECTION

Overtemperature software
Zero crossing switching (breaker protection)

RADIO

2.4 GHz mesh
Bluetooth®
<10 dBm

RADIO RANGE

Approx. 10 m indoors.
The Plejd mesh technology extends the range by allowing the units to communicate with each other.

