Mains electricity
230 V/50 Hz

Standby power
<0.5 W

External operating temperature
-20 to +35 °C

Dimensions
46x46x18 mm

Type of switching
Relay, Micro gap (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.

0089.3.6

RISK OF INJURY TO PERSON OR PROPERTY

All work on the appliance must be carried out by an authorized electrician. National laws and regulations must be followed.

Compliant to standards

Hereby, Plejd AB declares that the radio equipment type CTR-01 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity and third party licenses are available at the following internet address: plejd.com/compliance

Plejd AB, Krokslätts Fabriker 27A
431 37 Mölndal, Sweden

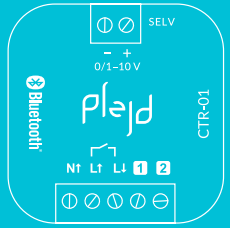
Important information
Do not use the product if it has visible signs of damage.

Disposal and recycling
This electrical product should not be disposed of together with other household waste. Contact your local recycling center for guidance on electrical and electronic equipment disposal.

EN

CTR-01

INSTALLATION MANUAL



Further information can be found in the **Plejd** app or at **plejd.com**

NOTE!

During installation the product is non-dimmable.
Use the app to configure before use.

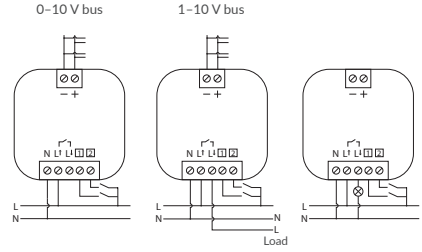
1 Connect the product

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.

CTR-01 has a relay with an interrupting rating of 16 A with a resistive load. Different loads have different inrush current when switching on and voltage spikes when switching off. The following table is recommended for different types of lighting loads as a guide to ensure maximum service life.

Maximum current 16 A.

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



Connection for 0–10 V bus (without switching off load to power supply)

Connection for 1–10 V bus (with switching off load to power supply)

Connection for non-dimmable load (only switching off load to power supply)

Control inputs 1 2

Control inputs 1 and 2 can be used for control with:

- push button (preset)
- light switch
- motion sensor (with neutral conductor).

The inputs can also be used to wirelessly control one or more products from Plejd. Additionally, double click on a push button can be used to activate scenes.

2 Follow the instructions in the app

Download the Plejd app on the App Store or Google Play. After supplying power to the device by following the wiring diagram, use the app to complete the installation. Setup requires Bluetooth® and an internet connection.

3 Hand over the Plejd system

Once you have completed the installation, you will find the system code in the app. Write the code on the included sticker. Place the sticker in the distribution box and give the welcome folder to the customer.

Support

In the event of any technical questions, please contact our customer service:
support@plejd.com | +46 (0) 10 203 89 91