

## Technical Data

<b>MODEL NO.</b> CTR-01	<b>POWER CONSUMPTION</b> <0.5W (standby)
<b>MAINS ELECTRICITY</b> 230VAC/50Hz	<b>OPERATING TEMPERATURE OUTSIDE OF APPLIANCE BOX</b> -20 to +35°C
<b>DIMENSIONS</b> 46×46×18mm	non-condensing humidity
<b>RADIO</b> 2.4GHz mesh Bluetooth®	<b>RADIO RANGE*</b> Up to 10m indoors
<b>TYPE OF SWITCHING</b> Relay, micro gap (μ)	<b>PROTECTION</b> Over temperature software
<b>MANUFACTURER</b> Plejd AB	<b>COUNTRY OF MANUFACTURE</b> Sweden

## Compliant to standards

Plejd AB hereby declares that the product complies with the norms and guidelines pursuant to Directive 2014/53/EU.

EN 60669-1

EN 60669-2-1

EN 301489-1

EN 301489-17

EN 300328

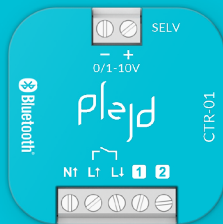
### RISK OF INJURY TO PERSON OR PROPERTY

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



# Plejd

## CTR-01 INSTALLATION MANUAL



Further information can be found in the Plejd app or at [plejd.com](http://plejd.com)

\* Plejd's mesh technology extends the range by communication between the units.

## Installation

### 1 Connect Controller

Install the Controller in an appliance box or on a bracket (not provided, MNT-01) on a DIN rail or wall.



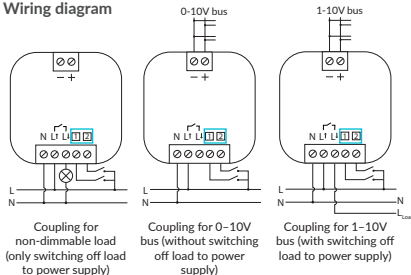
LOAD	PF	RATED OUTPUT	VA	A
Halogen (230V)	1	3 500W	3 500	16
LED loads	0,9	800W	1 000	4
Fluorescent tube uncompensated	0,3	700W	2 300	10
Fluorescent tube compensated	0,85	1 500W	1 750	8
Low voltage halogen electronic	0,8	1 500W	1 750	8
Low voltage halogen conventional	0,95	1 200W	1 200	5
Low-energy bulbs	0,6	500W	800	4

CTR-01 has a relay with an interrupting rating of 16A with a resistive load; however, different loads have different input current when switching on and voltage spikes when switching off. The preceding table is recommended for different types of lighting loads in order to minimise the risk of reducing service life.\*

\* Based on normal cable lengths and commonly available light fixtures on the market

**NOTE!** During installation, the Controller's 0/1-10V outputs are not activated. Use the app to configure before use. Internet connection is required in the app during installation.

### Wiring diagram



### Control via control inputs



Control inputs 1 and 2 can be used for control using e.g.:

- Push-button (preset)
- Light switch
- Motion sensor (with neutral conductor)

The inputs can also be used to wirelessly control one or more other products from Plejd. A double click can also be used to activate lighting scenarios.

The settings are easy to adjust in the app.


### 2 Download the Plejd app and follow the instructions


Download the Plejd app via the App Store or Google Play.

As soon as you supply power to the unit as illustrated in one of the wiring diagrams, you can use the app to configure your lighting and set up your Controller for the connected load. This requires Internet connectivity on your phone.

Your phone or tablet connects directly to the unit via Bluetooth<sup>®</sup>\*\*, so you do not need any additional equipment to get started.

### 3 Hand over the Plejd system

Hand over the Plejd system to the end customer by writing the system code on the included sticker . You'll find the code in the app once you have completed the installation.

Place the sticker in the electrical cabinet and give the welcome folder  to the customer.

### Support

In the event of any technical questions, please contact Plejd customer services:

E-mail: [support@plejd.com](mailto:support@plejd.com) | Phone: +46 (0) 10 207 8901

\*\*Requires a phone or tablet with Bluetooth 4.0 or later, and possibly the latest version of iOS or Android.