

Mains electricity

230 V/50 Hz

Standby power

0.3 W

External operating temperature

-25 to +35°C

Dimensions

46x46x18 mm

Type of switchingRelay, Micro gap (μ)**Protection**

Overtemperature software

Zero crossing switching/breaker protection

Radio

2.4 GHz mesh

Bluetooth®

Radio range*

About 10 m indoors.

*The Plejd mesh technology extends the range by allowing the units to communicate with each other.

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.

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

**Plejd AB**

Kroksläotts fabriker 27A

431 37 Mölndal

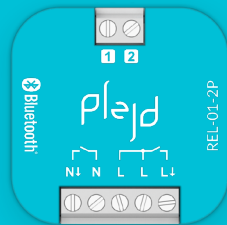
Sweden

Manufacturer | Plejd AB

Country of manufacture | Sweden

REL-01-2P

INSTALLATION MANUAL



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

1 Connect to the product

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

REL-01-2P has a relay with a breaker capacity of 16 A in resistive loads. Due to heat build-up, the maximum current is 13 A when switching both neutral (N) and phase (L).

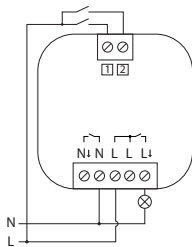
Different loads carry different startup currents at switch-on and voltage drops when switching off. The following table is therefore recommended for different types of lighting load in order to ensure maximum service life.**

Load	PF	Rated output	VA	Current
Halogen (230 V)/incandescent lamp	1	3500 W	3500	16 A*
LED loads	0,9	800 W	1000	4 A
Fluorescent lamp uncompensated	0,3	700 W	2300	10 A
Fluorescent lamp compensated	0,85	1500 W	1750	8 A
Low-volt halogen electronic	0,8	1500 W	1750	8 A
Low-volt halogen conventional	0,95	1200 W	1200	5 A
Low-energy bulbs	0,6	500 W	800	4 A

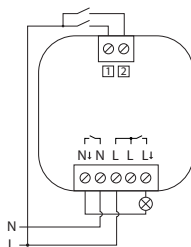
* 3000 W / 13 A when breaking 2-pole

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

1-pole switching of phase (L)



2-pole switch of phase (L) and zero (N)



Control via inputs 1 2

Local inputs 1 and 2 can be used for control with e.g.

- Push-button (preset)
- Light switch
- Motion sensor

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

The settings are easy to adjust in the app.

2 Download the app and follow the instructions

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

After supplying power to the unit based on one of the wiring diagrams, you can use the app to install the lighting. This requires Internet connectivity and Bluetooth® on your phone/tablet. You do not need any additional equipment to get started.

With the help of the app, it's simple to configure all relevant settings. The app can be used to schedule the lighting using the astronomical clock or timer, control lighting, and wirelessly sync control switches and scenarios.

3 Hand over the Plejd system

Hand over the Plejd system to your 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 distribution box 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 | Phone: +46 (0)10 203 89 91