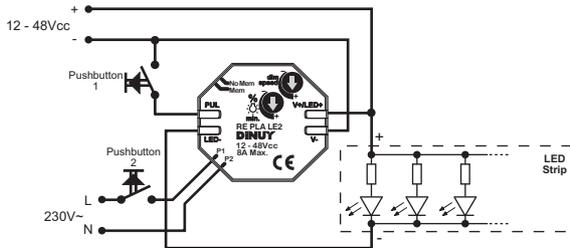


## Technical data

Power supply	12 - 48V <sub>DC</sub> *
Consumption	<12mA
Valid for...	LED lamps 12-48V <sub>DC</sub>
Maximum load	8A
Minimum brightness level	1% ~ 60%
Dimming speed	0% a 100%: 3seg ~ 10seg
Control	Pushbutton referred to Ground or Pushbutton isolated referred to 230V~
Dimensions	45 x 45 x 12mm
Weight	23g
Operation temperature	0°C ~ +40°C
Storage temperature	-30°C ~ +70°C
Protection degree	IP20 according to UNE 20324
According to the Standard	EN 60669-2-1

\*NOTE: The power supply associated with this dimmer should comply with the Low Voltage Directive 2006/95/EC and EMC Directive 2004/108/EC

## Wiring diagram



## LED DIMMER SWITCH

12 - 48V<sub>DC</sub>

### Manual Instructions

## RE PLA LE2



## Description

Dimmer switch for LED lamps 12 - 48V<sub>DC</sub> up to 8A, with Pulse Width Modulation technology (PWM), specially designed for 1-channel LED strips.

Very small dimmer, only 12mm thickness, to be installed into standard mechanism box (behind the pushbutton) or junction box.

Resettable protection against overload and short-circuits. Heating protection, not resettable from 125°C on.

Pushbutton control, with or without memory. Can be used a pushbutton referred to Ground (Pushbutton 1) or a pushbutton referred to 230V~ (Pushbutton 2) or both.

With two function rotary switches:

- "min": minimum brightness level (1% "+" ~ 60% "-").
- "dim speed": dimming speed between 3sec "+" & 10sec "-" (from 0 to 100%).

## Installation

- 1 - Switch the power supply off.
- 2 - Install the dimmer according to the wiring diagram.
- 3 - Make sure the load is connected and supply the dimmer.
- 4 - Switch the lamps on with a brief press. Then do a sustained press until reaching the minimum light level. If the minimum light level is correct and there is no flickering leave unchanged. Otherwise, turn the "min" rotary switch until reaching a stable value.

## Operation

Press briefly the pushbutton to switch the lamps on at its maximum level (No Mem) or at the dimming level before switching them off the last time (Mem).

With a sustained press the lamps will be dimmed. In order to change the dimming direction release the pushbutton and press it again.

To switch the lamps off press briefly the pushbutton.