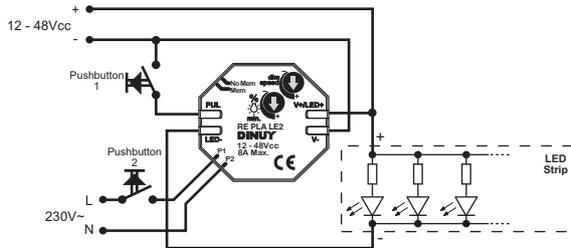


Technical data

Power supply	12 - 48V _{DC} *
Consumption	<12mA
Valid for...	LED lamps 12-48V _{DC}
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_{DC}

Manual Instructions

RE PLA LE2



Description

Dimmer switch for LED lamps 12 - 48V_{DC} 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.