

NEW



Universal dimmer switch



EUD61NP-230 V

Without N connection, therefore suitable for mounting directly behind the pushbutton light switch or light switch, even if no N wire is available.

With control inputs for pushbutton light switches and light switches.

Dimmer for R, L and C loads with automatic detection of load.

Switching capacity 400W.
Min. load 20W.

Function "MEMORY"
The brightness level is stored after switching off.

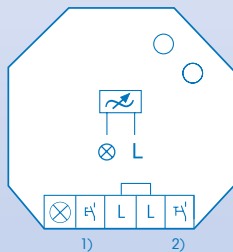
Automatic electronic overload protection and over-temperature switch-off.

Switching operation for children's rooms (only if controlled by pushbutton light switch):
If the light is switched on by holding down the pushbutton, it starts at the lowest brightness level after approx. 1 second and dims up slowly as long as the pushbutton is held down without modifying the last

Snooze function (only if controlled by pushbutton light switch):
With a double impulse the lighting is dimmed down from the current dimming position to the minimum brightness level and switched off.

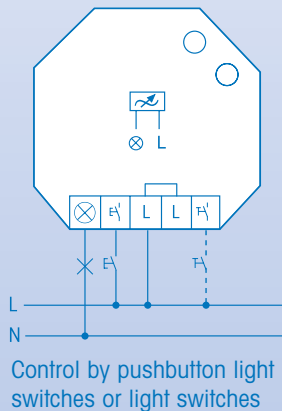


Terminal connection



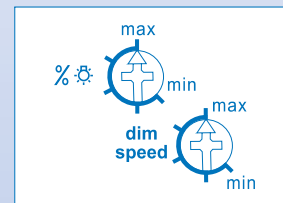
- 1) Connection pushbutton light switches
- 2) Connection light switches

Typical connection



Control by pushbutton light switches or light switches

Function rotary switches



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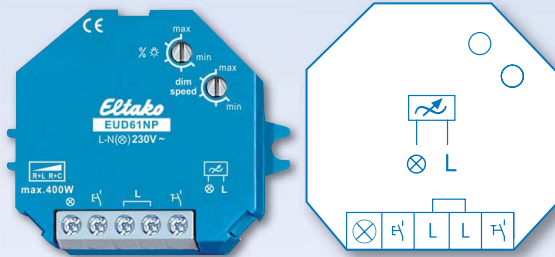
NEW

Eltako
ELECTRONICS



Universal dimmer switch

EUD61NP-230 V



**EUD61NP-230 V without N connection,
POWER MOSFET 400 W.**

Standby loss 0.7 watt only.

**With control inputs for pushbutton
light switches and light switches.**

For installation. 45 mm long, 55 mm wide, 18 mm deep. Dimmer for R, L and C loads. Universal dimmer switch for R, L and C loads up to 400 watts, depending on ventilation conditions. Automatic detection of load R+L or R+C. Energy saving lamps ESL and 230V LED lamps cannot be controlled by the dimmer type EUD61NP-230 V (without N-connection). Control voltage 230V. Min. load 20W only.

Zero passage switching with soft start and soft OFF to protect lamps.

The minimum brightness level (completely dimmed down) can be adjusted **with the upper rotary switch** %.

The dimming speed can be adjusted with **the lower dimming speed rotary switch**. Simultaneously the soft on and soft off period is changed.

Short-time control commands switch on/off, permanent control varies the brightness up to the maximum level.

An interruption of control changes the direction of dimming.

The brightness level is stored after switching off.

In case of a power failure the switching position and the brightness level are stored. If applicable the dimmer will be switched on at the stored brightness level after the supply voltage is recovered.

Automatic electronic overload protection and over-temperature switch-off.

If light switches cannot be replaced by pushbutton light switches, there is a separate control input for light switches. If the switch is opened briefly after closing, the light is dimmed until the next time it is opened again briefly. The dimming direction changes automatically at both peaks. The dimming direction can also be changed by opening the switch briefly twice.

Switching operation for children's rooms (only if controlled by pushbutton light switch): If the light is switched on by holding down the pushbutton, it starts at the lowest brightness level after approx. 1 second and dims up slowly as long as the pushbutton is held down without modifying the last stored brightness level.

Snooze function (only if controlled by pushbutton light switch): With a double impulse the lighting is dimmed down from the current dimming position to the minimum brightness level and switched off. The current dimming position as well as the adjustable minimum brightness level determine the dimming time (max. = 60 minutes) which can be reduced as required. It can be switched off at any time by short-time control commands during the lighting is dimmed down. Holding down the push-button during the dimming down process dims up and stops the snooze function.

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