

Universal Dimmer Switch EUD61NP-230V without N connection.

POWER MOSFET 500W. Standby loss 0.7 watt only.

With control inputs for push-button light switches and light switches.

Built-in device for installation and surface mounting. 45mm long, 55mm wide, 18mm deep.

Universal dimmer switch for R, L and C loads up to 500 watt, depending on ventilation conditions. Automatic detection of load R+L or R+C.

Energy saving lamps ESL cannot be controlled by the dimmer type EUD61NP-230V (without N-connection).

Control voltage 230 V. 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 rotary switch % . The dimming speed can be adjusted with the 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. A short 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 push-button 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: If the light is switched on by holding down the push-button, 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: 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 pushbutton during the dimming down process dims up and stops the snooze function.

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