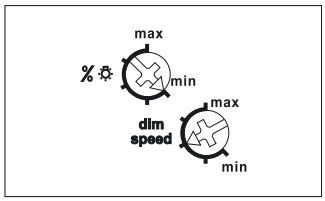


ELD61/12-36V DC

Power MOSFET for LED lamps 12-36 V DC up to 7.5 A, pulse width modulation PWM. Stand-by loss 0.1 Watt only. With adjustable minimum brightness and dimming speed. With switching operation for children's rooms and snooze function.

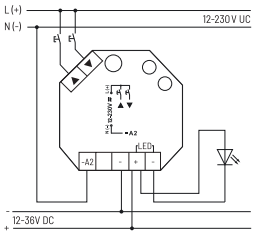
For installation. 45 mm long, 45 mm wide, 18 mm deep.
Dimmer switch for R- and LED loads up to 7.5 A depending on ventilation conditions.
Zero passage switching with soft start and soft OFF to protect lamps.
Supply voltage input 12 to 36 V DC, depending on the connected LED illumination.
A pulse resistant switching power supply unit is necessary.
Universal control voltage 8..230 V UC, electrically isolated from the supply voltage.
Either direction pushbuttons can be connected to ▲▼ or these terminals will be bridged and a pushbutton will be connected as an universal pushbutton.
With universal pushbutton: short commands switch on/off, permanent control changes the brightness to the maximum. An interruption of the control changes the dimming direction.
With direction pushbutton: switching and dimming on with ▲, turning and dimming off with ▼. A dual pulse with ▲ effects dimming on up to the maximum brightness with the set dimming speed (dimspeed).
The set brightness level will be stored when turning off (Memory).
In case of power failure the switching position and the brightness level will be stored and will be switched on when supply voltage recurs.
Automatic electronic overload protection and overtemperature switch off.
The LED indicates an activation by a short flickering.
With the top rotary switch %☼ the minimum brightness level (completely dimmed down) can be adjusted.
With the lower dim speed rotary switch, the dimming speed can be set. At the same time, soft-on and soft-off is changed.
With switching operation for children's rooms (universal or direction pushbutton ▲):
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 pressed without modifying the latest stored brightness level.
Snooze function (universal or direction pushbutton ▼): 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.

Function rotary switches



Standard setting ex works.

Typical connection



Manuals and documents in further languages:
https://eltako.com/redirect/ELD61*12-36V_DC

Technical data page 9-22.

ELD61/ 12-36V DC	LED dimmer switch, Power MOSFET up to 7,5 A	**Art. No. 61100865**	**66,26 €/pc.**

Recommended retail prices excluding VAT.