

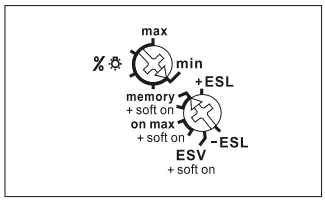
EUD61M-UC

Universal dimmer switch. Power MOSFET up to 400 W. Automatic lamp detection. Standby loss 0.1 watt only. With adjustable minimum brightness. With switching operation for children's rooms and snooze function.

Built-in device for installation. 45 mm long, 45 mm wide, 18 mm deep.
Universal dimmer switch for lamps up to 400 W, depending on ventilation conditions, dimmable 230 V LED lamps and dimmable energy saving lamps (ESL) are also dependent on the lamp electronics.
Zero passage switching with soft start and soft OFF to protect lamps.
Universal control voltage input 8 to 230 V UC, electrically isolated from the 230 V supply voltage and switching voltage.
Short-time control commands switch on/off, permanent control varies the brightness to the maximum level.
A interruption of control changes the direction of dimming. The brightness level is stored after switching off in case the **function memory** is set. If the **function on max** is set, it always switches on at the maximum brightness level.
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.
The minimum brightness level (completely dimmed down) can be adjusted with **the upper rotary switch %☼,** e.g. for dimmable energy saving lamps.
You can dim all lamp types in automatic mode.
Use the lower function rotary switch to select between five automatic mode functions: memory, memory+soft on, on max, on max+soft on and ESV+soft on.
+ESL is a convenience setting for energy saving lamps which must be switched on at high voltage for design reasons so that they can also be switched back on cold in dimmed state.
-ESL is a convenience setting for energy saving lamps which cannot be switched back on in dimmed state for design reasons. This is why memory is switched off in this position.
No inductive (wound) transformers may be used in +ESL and -ESL settings. In addition the maximum number of dimmable energy saving lamps may be lower than in automatic mode for design reasons.
Setting of function ESV same as 'memory+soft on' with setting of a release delay up to 90 minutes with the rotary switch **%☼** if the manual off command is not given. Before time-out switch-off early warning function by dimming down within 1 minute.
Switching operation for children's rooms: 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: 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.

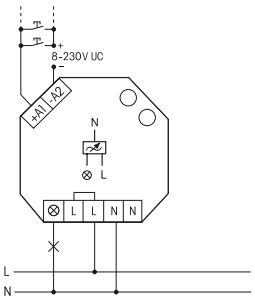
Mixing of L loads (inductive loads, e.g. wound transformers) and C loads (capacitive loads, e.g. electronic transformers) is not permitted. R loads (ohmic loads, e.g. 230 V incandescent lamps and halogen lamps) may be added anytime.

Function rotary switches



Standard setting ex works.

Typical connection



Manuals and documents in further languages:
https://eltako.com/redirect/EUD61M-UC

Technical data page 9-22.

EUD61M-UC	Multifunction universal dimmer switch, Power MOSFET up to 400 W	**Art. No. 61100903**	**69,13 €/pc.**