

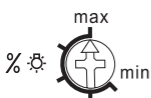
Universal impulse dimmer switch EUD61-8..230V UC


4877

Dimmer for R-, L- and C-loads. Zero passage switching and adjustable softstart. Short-time control commands switch on/off, permanent control varies the brightness. A short interruption of control changes the direction of dimming. The system is disconnected in a defined mode in case of a power failure. Automatic electronic overload protection and over-temperature switch-off.

Switching operation for children's rooms: If the light will be switched on by prolonged pressing of the pushbutton it will start at the lowest brightness level after 1 sec and it will be dimmed up slowly without modifying the last stored brightness level.

Rotary switch minimum brightness



The setting determines to what extent can be dimmed down with the pushbutton resp. the brightness level when the light will be switched off in the setting *min auto*.

Rotary switch functions



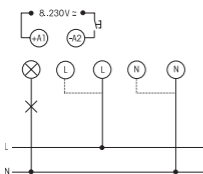
memory: The setting of the brightness level is stored after switching off. At first operation after a power failure it will be switched on at the adjusted minimum brightness level.

on max: It will always be switched on at the maximum brightness level, even at the first operation after a power failure.

+ soft on: Like the function *memory* resp. *on max*, but with soft start and soft off.

min auto: It will always be switched on at the maximum brightness level. If the light will be switched off by prolonged pressing of the pushbutton of approx. 1 sec it will be dimmed down and switched off automatically. The dimming time up to 60 min depends on the setting of the adjusted minimum brightness level. A short flickering signals the start of the automatic dimming. The dimming process can be interrupted any time by pressing the pushbutton.

Typical connection



Technical data:

Control voltage	8V to 230V UC
Incandescent lamps 230V (R-loads)	500W
Halogen lamp 230V (R-loads)	500W
Inductive transformer (L-loads)	500W ^{1) 2)}
Electronic transformer (C-loads)	500W ²⁾
Max.min temperature at mounting location	+50 °C/-20 °C
voltage range	0,9 to 1,1 rated voltage
Continuous power supply	12mA

¹⁾ Per dimmer it is only allowed to use max. 2 (wounded) inductive transformers of the same type.

²⁾ For wounded transformers no-load operation on the secondary part is not permitted. The dimmer might be destroyed. Therefore do not permit load breaking on the secondary part. Operation in parallel of inductive (wounded) and capacitive (electronic) transformers is not permitted.

Important reminder!

This electrical equipment may only be installed by skilled electricians otherwise fire hazard or danger of electric shock exists!