

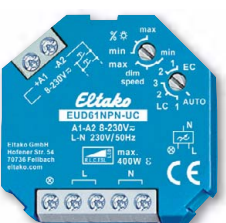
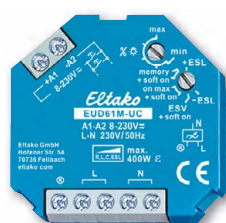
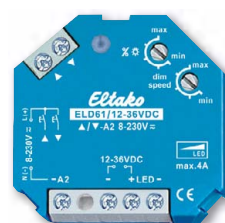


# UNIVERSAL DIMMER SWITCHES

## OVERVIEW AND INFORMATION

THE HOME OF INNOVATION.

Eltako

TYPE	EUD61NP-230V	EUD61NPL-230V	EUD61NPN-UC	EUD61M-UC	ELD61/12-36 V DC
Product picture					
EAN	<b>4010312108062</b>	<b>4010312109618</b>	<b>4010312107874</b>	<b>4010312107973</b>	<b>4010312109502</b>
Min/max power	20 - 400 W	4 - 200 W	0 - 400 W	0 - 400 W	4 A
Switching voltage	230 V	230 V	230 V	230 V	12 - 36 V DC
Control voltage	230 V	230 V	8..230 V UC (electrically isolated)	8..230 V UC (electrically isolated)	8..230 V UC (electrically isolated)
Type of control	Phase control and Phase alignment	Phase control and Phase alignment	Phase control and Phase alignment	Phase control and Phase alignment	PWM (pulse width modulation)
R, L and C-loads	Yes, up to 400 W	R y L up to 200 W	Yes, up to 400 W	Yes, up to 400 W	LED up to 4 A
Dimmable energy saving lamps	No	Yes, up to 200 W	Yes, up to 400 W	Yes, up to 400 W	No
Dimmable 230 V-LED lamps	No	Yes, up to 200 W	Yes, up to 400 W	Yes, up to 400 W	No
Dimmable LED lamps 12-36V DC	No	No	No	No	Yes
Minimum brightness adjustable	Yes	Yes	Yes	Yes	Yes
Protection against overload and overheating	Yes	Yes	Yes	Yes	Yes
Protection against short-circuit	Yes	Yes	Yes	Yes	Yes
Mounting/dimensions L x W x D	Surface mounting, 45x45x18 mm	Surface mounting, 45x45x18 mm	Surface mounting, 45x45x18 mm	Surface mounting, 45x45x18 mm	Surface mounting, 45x45x18 mm
Other	<b>No neutral wire needed.</b> Can be controlled by one or more pushbuttons. Switching operation for children's rooms and snooze function. <b>Can be controlled by a light switch.</b>	<b>No neutral wire needed.</b> Can be controlled by one or more pushbuttons. Switching operation for children's rooms and snooze function. <b>Can be controlled by a light switch.</b>	<b>Needs neutral wire.</b> Can be controlled by one or more pushbuttons. Switching operation for children's rooms and snooze function. <b>Rotary switch for dimmable energy saving lamps.</b> <b>Setting possibilities for various dimming curves for 230 V LED lamps.</b>	<b>Needs neutral wire.</b> Can be controlled by one or more pushbuttons. Switching operation for children's rooms and snooze function.	<b>Applicable for the secondary side of the transformer for LED lighting, e.g. LED strips or LED downlights.</b> <b>Constant voltage types 12-36 V DC.</b> Can be controlled by one or more pushbuttons. Switching operation for children's rooms and snooze function.

### TECHNICAL SUPPORT:

+49 711 943 500 25 ✉ technical-support@eltako.de

### COMMERCIAL SUPPORT:






+49 711 943 500 00 ✉ export@eltako.de

# UNIVERSAL DIMMER SWITCHES

## OVERVIEW AND INFORMATION

THE HOME OF INNOVATION.

Eltako

TYPE	EUD12NPN-UC	EUD12D-UC	EUD12DK/800W-UC	LUD12-230V	DTD55-230V
Product picture					
EAN	<b>21100806</b>	<b>21100905</b>	<b>21100810</b>	<b>21100805</b>	<b>61100880</b>
Min/max power	0 - 400 W	0 - 400 W	0 - 800 W	0 - 400 W	0 - 300 W
Switching voltage	230 V	230 V	230 V	230 V	230 V
Control voltage	8..230V UC	8..230V UC	8..230V UC	only with EUD12D-UC and SUD12 (1-10 V-input)	230 V
Type of control	Phase control and Phase alignment	Phase control and Phase alignment	Phase control and Phase alignment	Phase control and Phase alignment	Phase control and Phase alignment
R, L and C-loads	Yes, up to 400 W	Yes, up to 400 W	Yes, up to 800 W	Yes, up to 400 W (with EUD12D)	Yes, up to 300 W
Dimmable energy saving lamps	Yes, up to 400 W	Yes, up to 400 W	Yes, up to 800 W	Yes, up to 400 W (with EUD12D)	Yes, up to 300 W
Dimmable 230 V-LED lamps	Yes, up to 400 W	Yes, up to 400 W	Yes, up to 800 W	Yes, up to 400 W (with EUD12D)	Yes, up to 300 W
Dimmable LED lamps 12-36V DC	No	No	No	No	No
Minimum brightness adjustable	Yes	Yes	Yes	Yes, (with EUD12D)	Yes
Maximum brightness adjustable	Yes	Yes	Yes	Yes, (with EUD12D)	Yes
Protection against overload and overheating	Yes	Yes	Yes	Yes	Yes
Protection against short-circuit	Yes	Yes	Yes	Yes	Yes
Mounting/dimensions L x W x D	DIN rail mounting, 1 module	DIN rail mounting, 1 module	DIN rail mounting, 2 module	DIN rail mounting, 1 module	Holding base mounted, 80 x 80 x 25mm
Other	<p><b>Needs neutral wire.</b> Can be controlled by one ore more pushbuttons. Switching operation for children's rooms and snooze function. <b>Rotary switch for dimmable energy saving lamps.</b> <b>Setting possibilities for various dimming curves for 230 V LED lamps.</b></p>	<p><b>Needs neutral wire.</b> With digital display. Can be controlled by one ore more pushbuttons. Switching operation for children's rooms and snooze function. Power can be increased with LUD12-230 V up to max. 3600 W for additional lamps or max. 2200 W for one lamp. <b>Digital adjustment for dimmable energy saving lamps and LED.</b></p>	<p><b>Needs neutral wire.</b> Dimming over the rotary switch on the device. Can be controlled by one ore more pushbuttons. Input terminal for PWM control signal. Power can be increased with LUD12-230V up to max. 3600 W for additional lamps or max. 2200 W for one lamp.</p>	<p><b>Needs neutral wire.</b> Control with EUD12D-UC. Capacity enhancement with additional lamps 1.-8. LUD +each to 400 W (max. 3600 W) power increase for one lamp 1.-9. LUD +each to 200 W (max. 2200 W)</p>	<p><b>Needs neutral wire.</b> Dimming via rotary button. Can be controlled by one ore more pushbuttons. Switching operation for children's rooms and snooze function. <b>Rotary switch for dimmable energy saving lamps.</b> DTD55L-230V: EAN 4010312317792</p>