

THE ENERGY SAVERS



Set the mood and reduce energy costs at the same time - a fascinating combination for incandescent lamps, halogen lamps and LED lamps. The dimming of lamps in combination with soft ON and soft OFF, prolongs their lifetime considerably. This applies also to the infinitely dimmable energy saving lamps. Only universal dimmers with the marking R, L, C recognize automatically the connected load

and adjust their dimming function accordingly. Other dimmers have to be exchanged if lamps with other kind of loads are used later.

Only universal dimmer switches with the added ESL marking and added LED marking have the associated comfort settings.

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	Piktogramme	EUD12NPN-UC	EUD12D-UC	EUD12F	EUD12DK/800W-UC	LUD12-230V	MOD12D-UC	MFZ12PMD-UC	SDS12/1-10V	SUD12/1-10V	DTD65-230V	DTD65L-230V	DTD55-230V	DTD55L-230V	EUD61NP-230V	EUD61NPL-230V	EUD61NPN-UC	EUD61NPN-230V	EUD61M-UC	ELD61/12-36V DC	SDS61/1-10V	
Modular device for DIN EN 60715 TH35 rail mounting, number of modules 18 mm each		1	1	1	2	1	1	1	1	1												
Built-in device for installation (e.g. flush-mounting box) and surface mounting											■	■	■	■	■	■	■	■	■	■	■	■
Dimming R, L and C loads		■	■	■	■	■ ⁵⁾	L	■	1-10V EVG	1-10V EVG	■	R, C	■	R, C	■	R, C	■	■	■	■	■	1-10V EVG
With comfort position for dimmable energy saving lamps ESL		■	■	■	■	■					■	■	■	■		■	■	■	■	■		
With comfort position for dimmable LEDs		■	■		■	■					■	■	■	■		■	■	■		■		
Power MOSFET up to W (nearly unlimited number of switching cycles)		400	400	300	800	400	300	400	—	400 ⁷⁾	300	200	300	200	400	200	400	400	400	400	4A	—
Increase of capacity with capacity enhancer LUD12-230V			■		■			■		■ ⁷⁾												
Zero passage switching		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Minimum brightness level adjustable		■	■	■	■	■ ⁶⁾	■	■	■	■ ⁷⁾	■	■	■	■	■	■	■	■	■	■	■	■
Dimming speed adjustable		■	■	■		■ ⁶⁾	■	■	■	■ ⁷⁾	■ ⁹⁾	■ ⁹⁾	■ ⁹⁾	■ ⁹⁾	■	■	■ ⁸⁾	■ ⁸⁾		■ ⁸⁾	■	■
Universal control voltage 8 to 230V UC		■	■		■	■ ⁶⁾	■	■	■	■ ⁶⁾							■			■	■	
Supply voltage 230V		■	■	■	■	■	■	■	■	■	■	■ ¹⁾	■	■ ¹⁾	■ ¹⁾	■ ¹⁾	■	■	■	■	■	■
Low standby loss		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Glow lamp current (mA) ²⁾⁴⁾		5	5 ³⁾		5 ⁶⁾		5															
Central control electrically isolated from the local input			■		■ ⁶⁾	■	■	■	(■)	■ ⁶⁾												
Switching operation for children's rooms		■	■	■	■ ⁶⁾				■	■ ⁶⁾	■	■	■	■	■	■	■	■	■	■	■	■
Snooze function		■	■	■	■ ⁶⁾				■	■ ⁶⁾	■	■	■	■	■	■	■	■	■	■	■	■
Multifunction			■					■		■ ⁶⁾									■			

* EVG = electronic ballast units ¹⁾ No N connection required. ²⁾ Applies to glow lamps with 170 V ignition voltage, for glow lamps with 90 V ignition voltage approx. 1/2 glow lamp current. ³⁾ Depends on the set function. ⁴⁾ Will automatically be switched on from 110 V control voltage. ⁵⁾ Same load as main dimmer switch or separate R, L or C load, depending on circuit. ⁶⁾ This specification refers to EUD12D, which is connected in series. ⁷⁾ This specification refers to the connected EUD12D or LUD12 depending on the selected mode. ⁸⁾ Minimum brightness level or dimming speed adjustable. ⁹⁾ Rotation speed determines the dimming speed.