

The mood makers

Set the mood and reduce energy costs at the same time - a fascinating combination. Dimming of incandescent lamps and halogen lamps in combination with soft ON and soft OFF, prolongs their lifetime considerably. This applies also to the new infinitely dimmable energy saving lamps. However, the ELTAKO impulse dimmer switches can do a lot more. Such as controlling with universal control voltage, imbedding in a central control system or increasing the capacity with capacity enhancers. Only universal dimmers with the marking R, L, C (or R+L and R+C, as R loads may be mixed always) recognize automatically the connected load and adjust their dimmer function accordingly. Other dimmers have to be exchanged if lamps with other kind of loads are used later.

Page	B1	B2	B3	B4	B5	B6	B7	B7	B8	
	pictograms	EUD12NP-8..230V UC	EUD12Z-8..230V UC	EUD12M-8..230V UC	EUD12F	LUD12-230V	SUD12/1-10V	EUD61NP-230V	EUD61NP-8..230V UC	EUD61M-8..230V UC
Modular device for DIN EN 50022 rail mounting, number of modules 18 mm each		1	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⁾	■ ⁷⁾	■	■	■
Power MOSFET up to 500 W (nearly unlimited number of switching cycles)		■	■	■	■ ¹⁾	■	■ ⁷⁾	■	■	■
Increase of capacity with capacity enhancer LUD12-230V			■	■			■ ⁷⁾			
Zero passage switching		■	■	■	■	■	■	■	■	■
Minimum brightness level adjustable				■		■ ⁶⁾	■ ⁶⁾	■		■
Universal control voltage 8 to 230V UC		■	■	■		■ ⁶⁾	■ ⁶⁾		■	■
Supply voltage 230V		■	■	■	■	■	■	■	■	■
Low standby loss		■	■	■	■	■	■	■	■	■
Glow lamp current (mA) ^{2) 4)}		5	5 ³⁾	5 ³⁾		5 ⁶⁾				
Central control electrically isolated from the local input			■	■		■ ⁶⁾	■ ⁶⁾			
With special switching operation for children's rooms		■	■	■	■	■ ⁶⁾	■ ⁶⁾	■	■	■
Snooze function		■	■	■	■	■ ⁶⁾	■ ⁶⁾	■	■	■
Multifunction				■			■ ⁶⁾			■

¹⁾ Power MOSFET 300 W. ²⁾ Applies to glow lamps with 170V 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 110V control voltage. ⁵⁾ Same load as main dimmer switch or separate R, L or C load, depending on circuit. ⁶⁾ This specification refers to EUD12Z or EUD12M, which is connected in series. ⁷⁾ This specification refers to the connected EUD12M, EUD12Z or LUD12 depending on the selected mode.