

THE HOME OF INNOVATION.

Eltako

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THE RIGHT LIGHT LEVEL FOR EVERY ROOM.

UNIVERSAL DIMMER SWITCHES, CAPACITY ENHANCER AND 1-10 V CONTROLLERS

Set the right mood and save energy at the same time. Control LED and halogen lamps.



EUD61NPL-230V

Without N connection,
POWER MOSFET up to 200 W.
Standby loss 0.5 watt only.
With control inputs for
pushbutton light switches
and light switches.
With adjustable minimum
brightness, dimming
technology and dimming
speed.



EUD12NPN-UC

With adjustable minimum or
maximum brightness and dimming
speed. With switching operation
for children's rooms and snooze
function.



EUD12D-UC

Digital settable multifunction
universal dimmer switch.



EUD61NPN-UC

With adjustable minimum
brightness or dimming speed.
With switching operation for
children's rooms and snooze
function.



THE MOOD SETTERS - THE ENERGY SAVERS.



Set the light level and reduce energy costs at the same time, when used in conjunction with dimmable LED or Halogen lamps. The dimming of lamps in conjunction with soft ON or OFF will extend their life 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.

Eltako also offer a wide range of Wireless dimmer products.

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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 | 4A | — |
| Increase of capacity with capacity enhancer LUD12-230V | | | ■ | | ■ | | | ■ | | ■ ⁷⁾ | | | | | | | | | | | |
| Zero passage switching | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Minimum brightness level adjustable | | ■ | ■ | ■ | ■ | ■ ⁸⁾ | ■ | ■ | ■ | ■ ⁷⁾ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Dimming speed adjustable | | ■ | ■ | ■ | | ■ ⁸⁾ | ■ | ■ | ■ | ■ 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.