GB

61 001 601 - **2**

Eltako ELECTRONICS

Switching relay
ER61-UC

CE

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

1 change over contact potential free 10A/250V AC, incandescent lamp load up to 2000W. No standby loss.

For installation.
45mm long, 45mm wide, 18mm deep.

State-of-the-art hybrid technology combines advantages of nonwearing electronic control with high capacity of special relays.

Universal control voltage 8 to 230V UC.

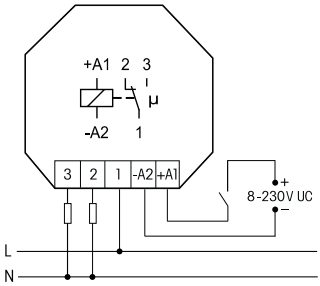
Low switching noise.

By using a bistable relay coil power loss and heating is avoided even in the on mode.

The relay contact can be open or closed when putting into operation. It will be synchronised at first operation.

This relay is not suitable to feed back the switching voltage signal of a dimmer switch. Use only relays ESR12DDX-UC, ESR12NP-230V+UC or ESR61NP-230V+UC for this purpose.

Typical connection



Technical data

Control voltage AC	8..253V
Control voltage DC	10..230V
Rated switching capacity	10A/250V AC
Incandescent lamp and halogen lamp load [1] 230V	2000W
Fluorescent lamp load with KVG in lead-lag circuit or non compensated	1000VA
Fluorescent lamp load with KVG shunt-compensated or with EVG	500VA
Compact fluorescent lamps with EVG and energy saving lamps	I on ≤ 70A/10ms [2]
230V-LED lamps	up to 200W [3]
Stand by loss (active power)	-

1) For lamps with 150W max.

2) A 40-fold inrush current must be expected for electronic ballast devices. For steady loads of 600W use the current-limiting relay SBR61.

3) Usually applies for dimmable energy saving lamps and dimmable 230V LED lamps. Due to differences in the lamps electronics, there may be a restriction on the maximum number of lamps; especially if the connected load is very low (for 5W-LEDs).

Must be kept for later use!

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