

# Switching relay

## ER61-8..230V UC



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

For installation.

45 mm long, 55 mm wide, 18 mm 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.

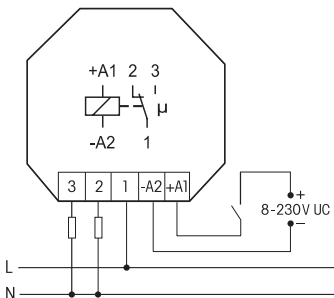
Low switching noise.

**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-230 V+UC or ESR61NP-8..230V UC  
for this purpose.**

### Typical connection



### Technical data

Control voltage	8..230V UC
Rated switching capacity	10A/250V AC
Incandescent lamp and halogen lamp load <sup>1)</sup> 230V	2000W
Fluorescent lamp load with KVG in lead-lag circuit or non compensated	1000 VA
Fluorescent lamp load with KVG shunt-compensated or with EVG	500 VA
Compact fluorescent lamps with EVG and energy saving lamps	1 on ≤ 70A/10ms <sup>2)</sup>
Stand by loss (active power)	-

<sup>1)</sup> For lamps with 150W max.

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

## Warning!

**Only a trained electrician may install this  
equipment, otherwise there is a risk of fire  
or electric shock.**