

## Switching relay



## ER61-230V

1 change over contact potential free  
16A/250V AC, incandescent lamp load up to  
2300W. No standby loss.

For installation and surface mounting.  
45mm long, 55mm wide, 18mm deep.

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

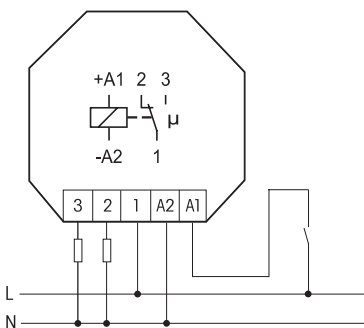
Control voltage 230V.

Low control power demand, therefore  
substantially less heat is generated.

Low switching noise.

Integrated free-wheeling anti-surge diode  
(A1 = +, A2 = -).

### Typical connection



### Technical data

Control voltage	230V
Rated switching capacity	16A/250V AC
Incandescent lamp and halogen lamp load <sup>1)</sup> 230V	2300W
Fluorescent lamp load with KVG* in lead-lag circuit or non compensated	1600 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.

\* EVG = electronic ballast units;  
KVG = conventional ballast units

## Warning!

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