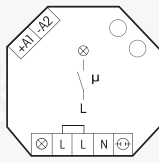


## ESR61NP-230V+UC



**1 NO contact not potential free 10 A/250 V AC, incandescent lamp load up to 2000W. Off delay impulse switch with switch-off early warning and push-button permanent light switchable. Standby loss 0.7 watt only.**

For installation. 45mm long, 55mm wide, 18mm deep.

**Zero passage switching** to protect contacts and lamps. This prolongs in particular the lifetime of energy saving lamps.

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

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

The switched consumer may not be connected to the mains before the short automatic synchronisation after installation has terminated.

Control voltage 230V. In addition electrically isolated universal control voltage from 8 to 230V UC. Supply voltage and switching voltage 230V. Very low switching noise. Variable time range up to 120 minutes in the function ESV. At the control input push-buttons with a glow lamp current up to 50mA can be connected. In case of a power failure the system is disconnected in a preset sequence.

If the timing period is set to minimum in the function **ESV**, the release delay is switched off.

The standard impulse switch function ES is then set. The function **ER** is selectable. If the function ER is selected a glow lamp current is not permitted. Only the control input A1- A2 should be used.

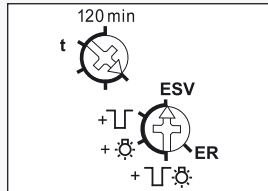
**When set to the function ER this device is suitable to feed back the switching voltage signal of a dimmer switch.**

**If switch-off early warning function is switched on, the light starts flickering approx. 30 seconds before time-out. This is repeated three times at decreasing time intervals.**

**If the permanent light function is switched on, the function can be activated by pressing the push-button for longer than 1 second. This function switches off automatically after 2 hours or by pressing the push-button for longer than 2 seconds.**

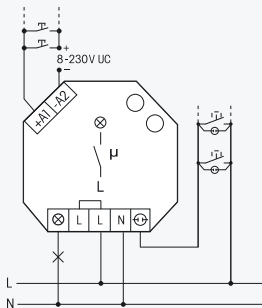
If both switch-off early warning function and permanent light by push-button are set, the switch-off early warning function is activated before switching off the permanent light.

### Function rotary switches



Standard setting ex factory.

### Typical connection



### Side view

