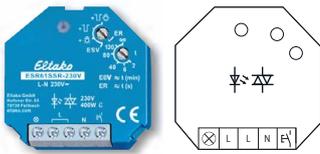


# NOISELESS IMPULSE SWITCH WITH INTEGRATED RELAY FUNCTION ESR61SSR-230V WITH SOLID STATE RELAY

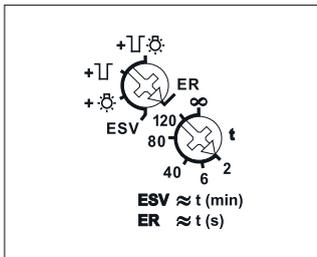


## ESR61SSR-230V



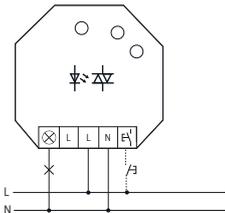
**Noiseless solid state relay not potential free. 230 V LED lamps up to 400 W, incandescent lamp load 400 W. Off delay impulse switch with switch-off early warning and pushbutton permanent light switchable. Standby loss 0,3 Watt only.**

### Function rotary switches



Standard setting ex works.

### Typical connection



Manuals and documents in further languages:  
<https://eltako.com/redirect/ESR61SSR-230V>

Technical data page 12-17.

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

Supply, switching and control voltage 230 V.

Zero passage switching.

In case of a power failure the system is disconnected in a preset sequence.

In the ER function the relay switches back on when the power is restored and the control input is active.

It is not permitted to apply a glow lamp current to the control input.

With automatic electronic overtemperature switch-off.

At a load of < 1W a GLE must be switched in parallel to the load.

**Use the top rotary switch** to select the required function of this impulse switch:

**ER** = switching relay

**ESV** = impulse switch. Possibly with off delay, then

+ [pushbutton permanent light] = ESV with pushbutton permanent light

+ [switch-off early warning] = ESV with switch-off early warning

+ [switch-off early warning] + [pushbutton permanent light] = ESV with pushbutton permanent light and switch-off early warning

The LED flashes when the rotary switch reaches a new setting range to assist you to find the require position with certainty.

The LED lights up permanently when the relay is switched on.

**When the pushbutton permanent light is switched on** [pushbutton permanent light], set the LED to permanent light by pressing the pushbutton for longer than 1 second. This is indicated by the LED flickering briefly. After 2 hours, the permanent light switches off automatically or it can be switched off previously by briefly pressing the pushbutton.

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

During the switch-off early warning, the light can be switched back on by briefly pressing the pushbutton.

If both switch-off early warning and pushbutton permanent light [switch-off early warning] + [pushbutton permanent light] are switched on, switch-off early warning is activated before automatic switch-off of the permanent light.

The function **ESV on the bottom rotary switch** sets the off delay from 2 to 120 minutes.

In setting  $\infty$  normal impulse switch function ES without off delay, without pushbutton permanent light and without switch-off early warning.

In the ER function a switch-on wipe time can be set between 2 and 120 seconds. On expiry of the wipe time the relay switches off automatically.

In setting  $\infty$  default relay function ER without wipe time.

<b>ESR61SSR-230V</b>	Noiseless impulse switch with integrated relay function with solid state relay	<b>Art. No. 61100003</b>	<b>55,90 €/pc.</b>
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