

Impulse switch with integrated relay function ESR61NP-8..230V UC

1 NO contact 10A/250V AC not potential free.
Incandescent lamp load up to 2000W. Off
delay impulse switch with switch-off early
warning function and permanent light reversible
by push-button. Standby loss 0.5 watt only.

For installation and surface mounting.
45 mm long, 55 mm wide, 18 mm 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 switching capacity of special relays.

**By using a bistable relay causing coil power
loss and heating is avoided even in the on
mode.** The switched consumer may not be
connected to the mains before the 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.

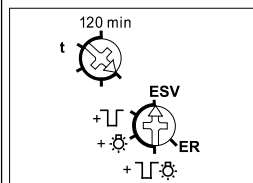
Very low switching noise. Variable time range
up to 120 minutes in the function ESV.

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.

At the control input \oplus push-buttons with a
glow lamp current up to 50mA can be
connected.

Function rotary switches

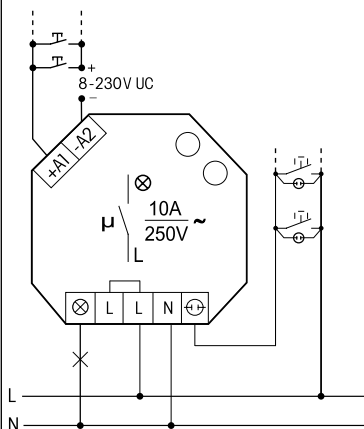


If **switch-off early warning function** \square is
switched on, the light starts flickering approx.
30 seconds before time-out. This is repeated
three times at decreasing time intervals.

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

Typical connection



\oplus	Control push-button 230V with glow lamp current up to 50mA
\otimes	Lamp connection
A1-A2	Universal control voltage 8..230V UC

Standby loss (activ power)	0,5 W
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Warning!

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