

ESR12NP-230V+UC



1 NO contact not potential free 16 A/250 V AC. 230 V LED lamps up to 600 W, incandescent lamp load 2300 W. Off delay impulse switch with switch-off early warning and pushbutton permanent light switchable. Standby loss 0.5 watt only.

Modular device for DIN-EN 60715 TH35 rail mounting. 1 module = 18 mm wide, 58 mm deep.

Zero passage switching to protect contacts and lamps.

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

Control voltage 230 V. In addition electrically isolated universal voltage from 8 to 230 V UC.

Supply voltage and switching voltage 230 V.

Very low switching noise. If the function ESV is set, definitely variable off-delay time RV from 2 to 120 minutes, settable by minute scale.

Contact position indication with two LEDs. This starts blinking in case of a blocked pushbutton (not if the function ER is set).

Glow lamp current up to 150 mA only at the control input 230 V independent from ignition voltage (not if the function ER is set).

Relays with suitable functions to feed back the switching voltage signal of a dimmer switch.

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

The functions ES, ESV or ER are selectable **by means of a rotary switch**.

ES = Impulse switch

ER = Switching relay

ESV = Impulse switch with off delay. The impulse switch automatically disconnects after the set delay is timed out if a manual OFF command has not been given. Infinitely variable time range up to 120 minutes.

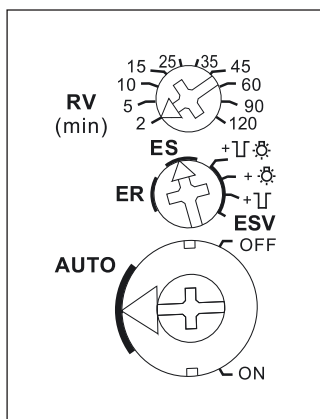
ESV = If switch-off early warning $\square$ is set the stairwell lighting starts flickering approximately 0 seconds + $\square$ before timeout at repeated shorter time intervals. During this process reset is possible.

ESV = If push-button permanent light $\odot$ is set permanent light can be switched on by pressing longer than 1 sec. This switches off automatically after 2 hours or by an operation longer than 2 seconds.

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

This electronic impulse switch does not need a base load for switching lights in rooms which are monitored by a FR12-230V mains disconnection relay.

Function rotary switches



Standard setting ex works.

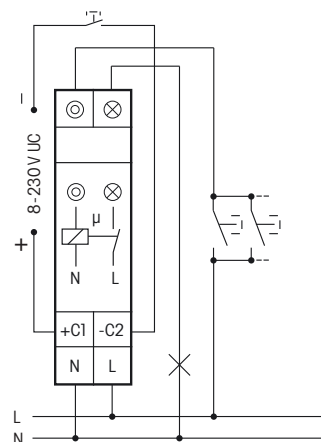
$\square$ = switch-off early warning

$\odot$ = pushbutton

$\square \odot$ = permanent light

$\square \odot$ = switch-off early warning and pushbutton permanent light

Typical connection



Manuals and documents in further languages:
https://eltako.com/redirect/ESR12NP-230V*UC

Technical data page 12-19.

Housing for operating instructions

GBA14 page 1-48 chapter 1.

Recommended retail prices excluding VAT.

ESR12NP-230V+UC	Impulse switch with integrated relay function, 1 NO contact 16 A	Art. No. 21100102	64,78 €/pc.
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