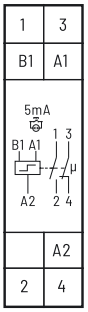
ELECTRONIC IMPULSE SWITCH ES12-110-UC
FOR UNIVERSAL CONTROL VOLTAGE UC





ES12-110-UC

1 NO contact + 1 NC contact potential free 16 (10) A/250 V AC. 230 V LED lamps up to 200 W, incandescent lamp load up to 2000 W. No standby loss.

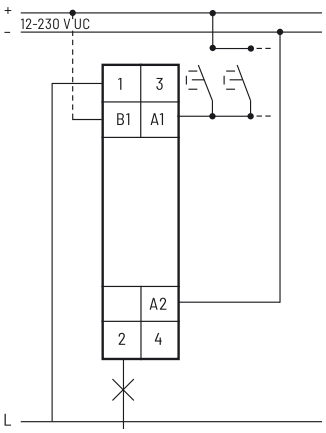
Modular device for DIN-EN 60715 TH35 rail mounting.
1 module = 18 mm wide, 58 mm deep.
Either universal control voltage 12 to 230 V UC at the control input A1/A2
or 230 V with glow lamp current up to 5 mA at the control input A1/A2. In addition, terminal B1 must be connected.
The simultaneous use of two potentials at the control inputs is not permitted.
Very low switching noise.
No constant power supply is required unless terminal B1 is connected. This means there is no power consumption in standby mode. When switching loads with more than 10 A or using glow lamps, terminal B1 must also be connected. This results in a standby loss of only 0.4 W.
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 relay contact can be open or closed when putting into operation. It will be synchronised at first operation.
Same terminal connection as the electromechanical impulse switch S12-110-.
If this impulse switch is in a circuit, which is monitored by a FR12-230V mains disconnection relay, no additional base load is required. However, the monitoring voltage of the FR12-230V must be set to 'max'.

The electronics does not have an internal power supply and therefore no power is consumed in any contact position. A control current flows only during a short control impulse of 0.2 seconds. This activates the microcontroller, reads the last switching state from the non-voltage memory, switches the bistable relay to its opposite state accordingly and rewrites the new switching state to memory.

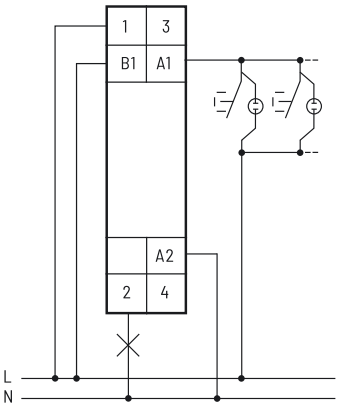
ES12-110-UC	Impulse switch, 1 NO contact + 1 NC contact 16 (10) A	**Art. No. 21110002**	**61,70 €/pc.**

Typical connections

Either universal control voltage 12 to 230 V UC



or control voltage 230 V with glow lamp current up to 5 mA



Manuals and documents in further languages:
https://eltako.com/redirect/ES12-110-UC

Technical data page 11-18.
Housing for operating instructions GBA14 page 1-48 chapter 1.

Recommended retail prices excluding VAT.