GB CE

21 200 002 - **2,** 21 110 002 - **2**

Eltako

Impulse switches

ES12-200-UC
ES12-110-UC

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value < 75%.

valid for devices from production week 19/25 (see bottom side of housing)

230 V LED lamps up to 200 W, incandescent lamp load up to 2000 W. No standby loss.

Modular devices 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.

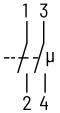
By using a bistable relay coil power loss and heating is avoided even in the on mode.

The relay contact can be open or closed when putting into operation. It will be synchronised at first operation.

ES12-200-UC:
2 NO contacts potential free 16 (10) A/250 V AC. 230 V LED lamps up to 200 W, incandescent lamp load up to 2000 W.

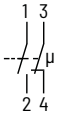
Maximum current across both contacts 16 A for 230 V.

Same terminal connection as the electro-mechanical impulse switch S12-200-.



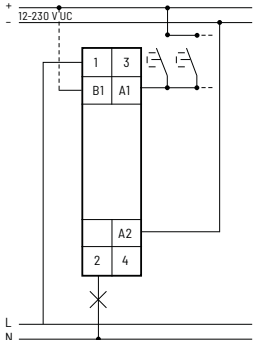
ES12-110-UC:
1 NO contact + 1 NC contact potential free 16 (10) A/250 V AC. 230 V LED lamps up to 200 W, incandescent lamp load up to 2000 W.

Same terminal connection as the electro-mechanical impulse switch S12-110-.



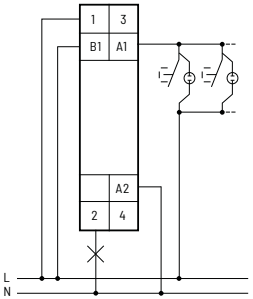
If one of these impulse switches is in a circuit, which is monitored by a FR12-230V mains disconnection relay, no additional base load is required. However, the monitoring voltage of the FR12-230V must be set to 'max'.

Typical connections
Universal control voltage 12..230 V UC and rated switching capacity up to 10 A:



By connecting terminal B1, the rated switching capacity increases to 16 A.

Control voltage 230 V with glow lamp current up to 5 mA:



Technical data

230 V LED lamps	up to 200 W [2]
	I on <120 A/5 ms
Control voltage UC	12..230 V
Rated switching capacity	16 (10) A/250 V AC
Incandescent lamp load and halogen lamp load [1] 230 V	2000 W
Standby loss	
without connection to B1	none
with connection to B1	0.4 W

* EVG = electronic ballast units; KVG = conventional ballast units

[1] For lamps with 150 W max.

[2] Due to different lamp electronics and depending on the manufacturer, the maximum number of lamps may be limited, especially if the wattage of the individual lamps is very low (e.g. with 2 W LEDs).

The strain relief clamps of the terminals must be closed, that means the screws must be tightened for testing the function of the device. The terminals are open ex works.

Manuals and documents in further languages:

https://eltako.com/redirect/
ES12-200-UC_ES12-110-UC



Must be kept for later use!
We recommend the housing for operating instructions GBA14.

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04/2026 Subject to change without notice.