


# ES12-200-UC

**2 NO contacts potential free 16 A/250 V AC. 230 V LED lamps up to 200 W, incandescent lamp load up to 2000 W. No standby loss.**

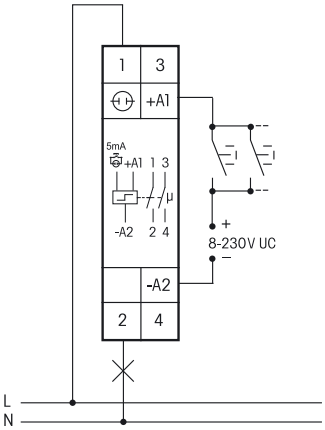
Modular device for DIN-EN 60715 TH35 rail mounting.
1 module = 18 mm wide, 58 mm deep.
**Either** universal control voltage 8 to 230 V UC at the control input +A1/A2
**or** 230V with glow lamp current up to 5 mA at the control input (L)/-A2(N).
The simultaneous use of two potentials at the control inputs is not permitted.
Very low switching noise.
**No permanent power supply necessary, therefore no standby loss.**
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 S12-200-.
Maximum current across both contacts 16 A for 230 V.
**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

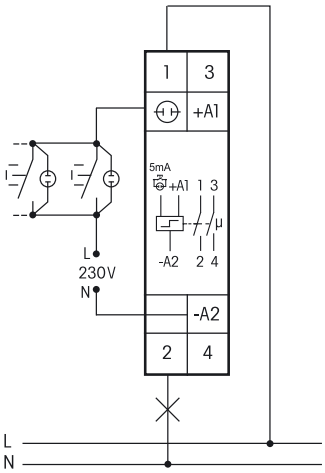
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| **ES12-200-UC** | 2 NO contacts 16 A | EAN 4010312108048 | **48,90 €/pc.** |

**Typical connections**

**Either** universal control voltage 8 to 230 V UC




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




*Technical data page 11-15.*
*Housing for operating instructions GBA14, see accessoirs, chapter Z.*