

## ESW12DX-UC



**1 NO contact potential free 16 A/250 V AC with tungsten pre-contact. 230 V LED lamps up to 600 W, incandescent lamp load up to 3300 W. Max. inrush current 500 A/2 ms. No standby loss.**

Modular device for DIN-EN 60715 TH35 rail mounting.

1 module = 18 mm wide, 58 mm deep.

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

**With the patented Eltako Duplex technology (DX) the normally potential-free contacts can still switch in zero passage when switching 230 V AC 50 Hz and therefore drastically reduce wear. Simply connect the neutral conductor to the terminal (N) and L to 1(L) for this. This gives a standby consumption of only 0.1 Watt.**

Universal control voltage 8 to 230 V UC.

Low switching noise.

**No permanent power supply necessary, therefore no standby loss.**

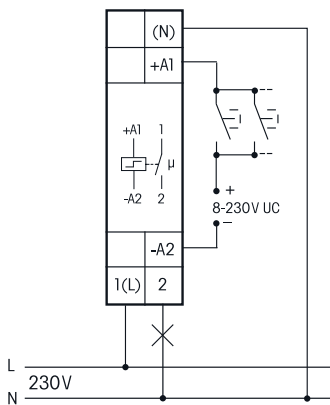
**By using a bistable relay coil power loss and heating are avoided even in the on mode.**

The relay contact can be open or closed during start-up. It is synchronised at first operation.

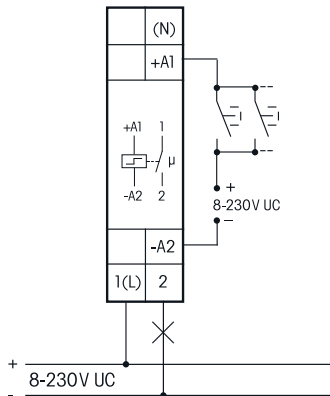
The electronics does not have an internal power supply and therefore no power is consumed in any contact position. A control current flows only during a short control impulse of 0.2 seconds. This activates the microcontroller, reads the last switching state from the non-voltage memory, switches the bistable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

### Typical connections

**with** zero passage switching



**without** zero passage switching



Manuals and documents in further languages:  
<http://eltako.com/redirect/ESW12DX-UC>

Technical data page 11-15.  
 Housing for operating instructions  
 GBA14 page 1-49 chapter 1.

<b>ESW12DX-UC</b>	Impulse switch with tungsten pre-contact, 1 NO contact 16 A	<b>Art. No. 21100801</b>	<b>52,10 €/pc.</b>
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