

ESW12DX-UC

1 NO contact potential free 16 A/250 V AC with tungsten pre-contact. The pre-run contact closes before the main contact and thus handles inrush current from LED lamps that occurs over a few ms. Max. inrush current 500 A/2 ms. No standby loss.

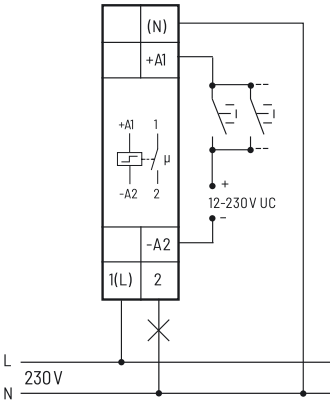
Modular device for DIN-EN 60715 TH35 rail mounting.
1 module = 18 mm wide, 58 mm deep.
State-of-the-art hybrid technology combines advantages of nonwearing electronic control with high capacity of special relays.
With the patented ELTAKO Duplex technology (DX) the normally potential-free contacts can 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 12 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.

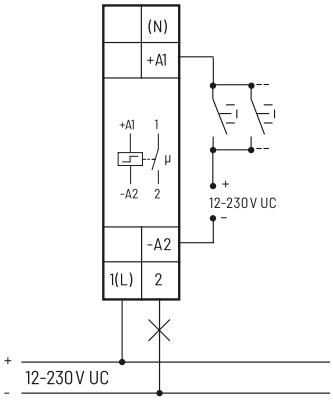
ESW12DX-UC	Impulse switch with tungsten pre-contact, 1 NO contact 16 A	**Art. No. 21100801**	**60,63 €/pc.**

Typical connections

with zero passage switching



without zero passage switching



Manuals and documents in further languages:
https://eltako.com/redirect/ESW12DX-UC

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

Recommended retail prices excluding VAT.