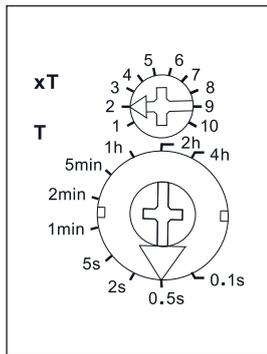
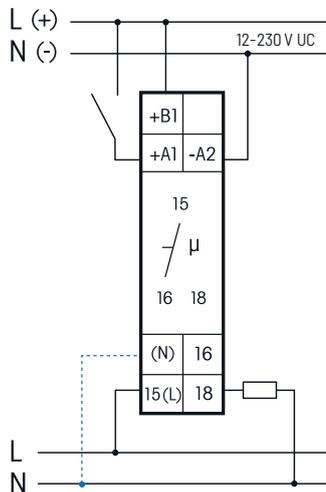




Function rotary switches



Typical connection



If N is connected, the zero passage switching is active.



Manuals and documents in further languages:  
<https://eltako.com/redirect/AVZ12DX-UC>

Technical data page 13-21.  
 Housing for operating instructions  
 GBA14 page 1-50 chapter 1.

# AVZ12DX-UC



Operate delay, 1 CO contact potential free 10 A/250 V AC. 230 V LED lamps up to 200 W, incandescent lamps 2000 W\*. Standby loss 0.02-0.4 watt only.

Modular devices for DIN-EN 60715 TH35 rail mounting.  
 1 module = 18 mm wide, 58 mm deep.

**With the ELTAKO Duplex technology (DX) the normally potential-free contacts can still switch in zero passage when switching 230 V AC 50Hz and therefore drastically reduce wear. Simply connect the neutral conductor to the terminal (N) and L to 15(L) for this. This gives an additional standby consumption of only 0.1 Watt.**

Universal control voltage 12 to 230 V UC. Supply voltage same as the control voltage.  
 Time setting between 0.1 seconds and 40 hours.

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

The switched consumer may not be connected to the mains before the short automatic synchronisation after installation has terminated.

**The LED** below the big rotary switch indicates the contact position while time-out is in progress. It blinks while the relay contact 15-18 is open (15-16 closed), and is continuously ON as long as the relay contact 15-18 is closed (15-16 open).

**The time base T** is selected by means of the middle, latching rotary switch T. Time-base figures available are 0.1 seconds, 0.5 seconds, 2 seconds, 5 seconds, 1 minute, 2 minutes, 5 minutes, 1 hour, 2 hours and 4 hours. The total time is obtained by multiplying the timebase by the multiplier.

**The multiplier xT** is set on the upper, latching rotary switch xT and is in the range from 1 to 10. Thus, time settings can be selected in the range from 0.1 seconds (time base 0.1 seconds and multiplier 1) and 40 hours (time base 4 hours and multiplier 10).

\* The maximum load can be used starting at a delay time or clock cycle of 5 minutes. The maximum load will be reduced for shorter times as follows: up to 2 seconds 15%, up to 2 minutes 30%, up to 5 minutes 60%.

AV = Operate delay (ON delay)



When the control voltage is applied the timing period is started; on time-out the relay contact changes to 15-18. After an interruption, the timing period is restarted.

<b>AVZ12DX-UC</b>	Analogue settable time switch with operate delay, 1 CO contact 10 A	<b>Art. No. 23001302</b>	<b>68,00 €/pc.</b>
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