

### RVZ/AVZ/TGI/EAW12DX-UC



**1 CO contact potential free 10A/250V AC. Incandescent lamps 2000W\*.**  
**Standby loss 0.02–0.4 watt only.**

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

These digital settable time relays are identical to the MFZ12DX-UC, except that they have one function only (description page 16-11).

**On type TGI12DX-UC T1 and T2 can be set separately by a second multiplier while the time base remains the same.**

On type EAW12DX-UC different functions can be selected by a rotary switch: fleeting NO contact (EW), fleeting NC contact (AW) or fleeting NO contact and fleeting NC contact (EAW).

**With the patented Eltako Duplex technology (DX) the normally potential-free contacts can still switch in zero passage when switching 230V 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 from 8 to 230V UC.** Supply voltage like control voltage.

Time setting between 0.1 second and 40 hours.

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

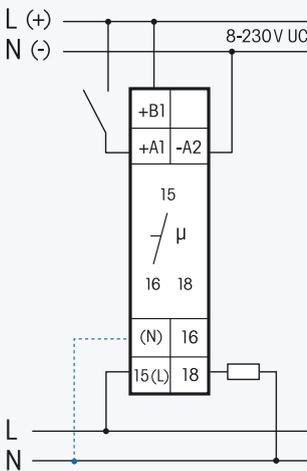
The switched consumer may not be connected to the mains before the short automatic synchronisation after installation has terminated.

**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 time base 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 second (time base 0.1 second and multiplier 1) and 40 hours (time base 4 hours and multiplier 10).

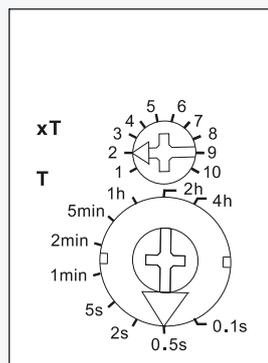
#### Typical connection



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

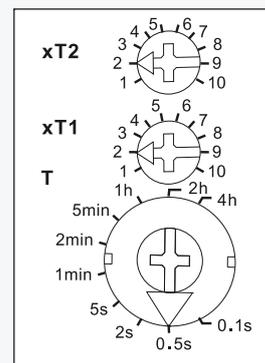
\* The maximum load can be used starting at a delay time or clock cycle of 5 minutes. The maximum load will be reduced for shorter times as follows: up to 2 seconds 15%, up to 2 minutes 30%, up to 5 minutes 60%.

#### Function rotary switches



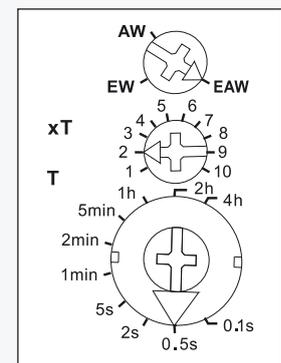
RVZ/AVZ12DX-UC

#### Function rotary switches



TGI12DX-UC

#### Function rotary switches



EAW12DX-UC

Technical data page 16-13.  
 Housing for operating instructions  
 GBA12, see accessoires, chapter 22.

<b>RVZ12DX-UC</b>	RV release delay (OFF delay)	EAN 4010312603093	<b>50,40 €/pc.</b>
<b>AVZ12DX-UC</b>	AV operate delay (ON delay)	EAN 4010312603109	<b>50,40 €/pc.</b>
<b>TGI12DX-UC</b>	T1 clock generator starting with impulse (flasher relay)	EAN 4010312603116	<b>50,40 €/pc.</b>
<b>EAW12DX-UC</b>	EW+AW+EAW fleeting NO contact and fleeting NC contact	EAN 4010312603123	<b>50,40 €/pc.</b>