

Multifunction time relay MFZ12NP-230V+8..230V UC



1 NO contact not potential free 16A/250V AC.
Incandescent lamps 2300W*.
Standby loss 0.5 watt only.

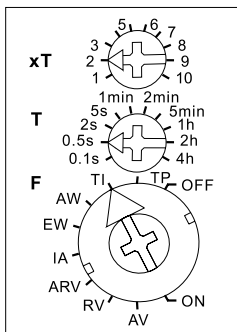
Zero passage switching.

230V control voltage and additionally 8 to 230V UC electrically isolated universal control voltage. 230V supply voltage and switching voltage.

Time settings between 0.1 seconds and 40 hours.

* 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



Functions F

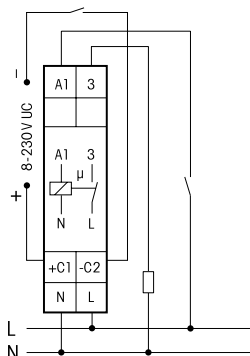
- RV** = release delay
- AV** = operate delay
- TI** = clock generator starting with impulse
- TP** = clock generator starting with pause
- IA** = impulse-controlled operate delay
- EW** = fleeting NO contact
- AW** = fleeting NC contact
- ARV** = operate and release delay
- ON** = permanent ON
- OFF** = permanent OFF

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.

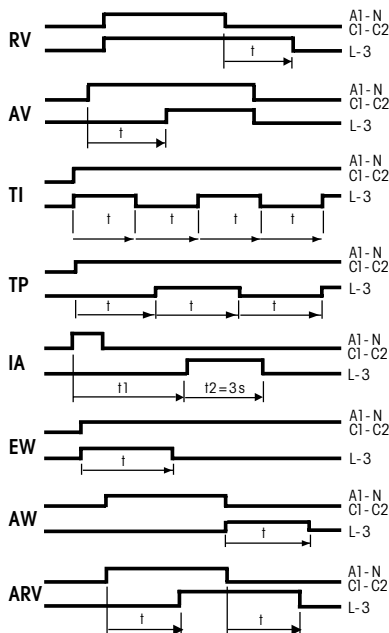
The **multiplier xT** is set on the upper, latching rotary switch **xT** and is in the range from 1 to 10. Thus, time settings can be selected in the range from 0.1 second (time base 0.1 second

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

Typical connection



Description of functions



The strain relief clamps of the terminals must be closed, that means the screws must be tightened for testing the function of the device. The terminals are open ex works.

Warning!

Only a trained electrician may install this equipment, otherwise there is a risk of fire or electric shock.