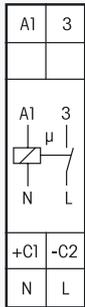


# Analogue settable Multifunction Time Relay MFZ12NP with 10 functions



**MFZ12NP-230 V+UC**



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

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

**Zero passage switching** to protect contacts and lamps.  
This prolongs in particular the lifetime of energy saving lamps.

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

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

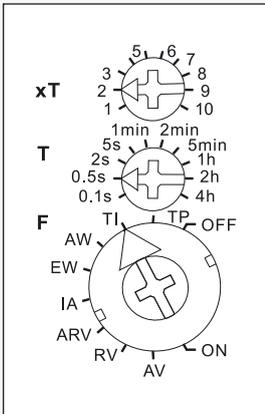
Very low switching noise.

Time settings between 0.1 seconds and 40 hours.

### Functions F (description page 13-11)

- 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

### Function rotary switches



Standard setting ex works.

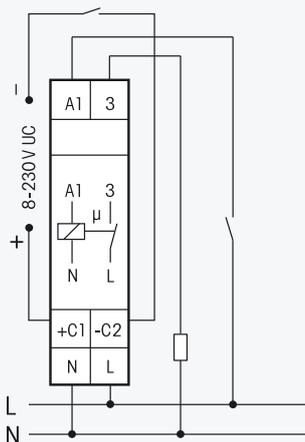
**The LED** below the upper function rotary switch informs about the position of the contact during the countdown. It blinks while the contact is open and stays on as long as the contact is closed.

**The time base T** is selected by means of the middle, latching rotary switch **T**. Time-base figures available are 0.1 second, 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).

\* 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%.

### Typical connection



Technical data page 13-13.

Housing for operating instructions GBA12, see accessoires, chapter Z.

**MFZ12NP-230V+UC**

1 NO 16A

EAN 4010312602935

**46,70 €/pc.**

Recommended retail prices excluding VAT.