

DIN-RAIL PANEL PRODUCTS

Time relays and multi-function time relays



MULTI-FUNCTION TIME RELAYS

16 functions
1 CO contact 10 A / 250 V~
Time range 0.1 sec. - 40 hrs

1 M

| | ITEM NO. | WEIGHT g / EACH | PACKING UNIT |
|----------------|----------|-----------------|--------------|
| 8 V to 230V UC | MRU1W | 75 | 10 |

| | | | |
|----------------|-------|----|----|
| 8 V to 230V UC | MRU1W | 75 | 10 |
|----------------|-------|----|----|



TIME RELAYS

1 CO contact 10 A / 250 V~
Time range 0.1 sec. - 40 hrs

1 M

| | ITEM NO. | WEIGHT g / EACH | PACKING UNIT |
|----------------|----------|-----------------|--------------|
| 8 V to 230V UC | RVU1W | 75 | 1 |

| | | | |
|----------------|-------|----|---|
| 8 V to 230V UC | RVU1W | 75 | 1 |
|----------------|-------|----|---|

Function description MRU1W

Stand-by loss only 0.1 Watt

Depending on the connection for the electricity supply to terminal B1 or B2, **two different function levels can be selected:**

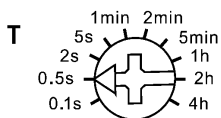
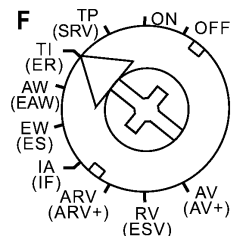
Function level 1 for connection of electricity supply to B1-A2

- RV** = Release delay
- AV** = Response delay
- TI** = Clock generator starting with impulse
- TP** = Clock generator starting with pause
- IA** = Impulse-controlled response delay
- EW** = Passing make contact

- AW** = Passing break contact
- ARV** = Response and release delay
- ON** = Continuously ON
- OFF** = Permanently OFF

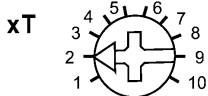
Function level 2 for connection to electricity supply to B2-A2

- ER** = Relay function
- EAW** = Passing make and break contact
- Er S** = Impulse switch function
- IF** = Impulse former
- ARV+** = Additive response and release delay
- ESV** = Impulse switch with release delay and Pre-warning of switch-off
- AV+** = Additive response delay
- SRV** = Impulse switch with release delay
- ON** = Continuously ON
- OFF** = Permanently OFF



The time base T

is set for latching rotary switches [T]. There is a choice between the base values 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 calculated from the time base multiplied by the multiplier.



The multiplier x T

is set with the latching rotary switch [xT] and is between 1 and 10. This makes it possible to set times between 0.1 seconds (time base 0.1 seconds and multiplier 1) and 40 hours (time base 4 hours and multiplier 10).

Light emitting diode

under the large rotary switch provides information about the contact position during the time period. It blinks as long as NOC 15 -18 is open (15 -16 closed) and glows continuously as long as NOC 15 -18 is closed (15-16 open).

