



Timelag - Relay - Modules MRZA, MRZB, MRZE

Technical Data

Coil voltage: 24 VDC ± 10%
 Rated power: 0,45 W
 Switching voltage: 220 VAC
 Switching/continuous current: 5 / 3 A
 Recycle time: 500 ms
 Switching capacity: 1100 VA

Three adjustable periods of time or impulse numbers are at choice, see how to order:

MRZA, MRZB Periods of time:	MRZE Impulse No./min:	Code- ziffer
0,15 – 15 sec.	2 – 200	1
0,3 – 30 sec.	1 – 100	2
0,5 – 60 sec.	<1 – 60	3

Ambient temp.: -25° bis 40°C / -13° bis 104°F
 Terminals are at choice, see how to order.

Dimensions:

Height above the housing edge: 11 mm / 0.43 in
 (total height plus 30 mm)
 Length with 1 Relay: 24 mm / 0.95 in
 with 2 Relay: 46,5 mm / 1.84 in
 with 3 Relay: 69 mm / 2.73 in
 with 4 Relay: 91,5 mm / 3.60 in
 Width: 76 mm / 3.00 in

Description

When a control voltage (V_E) is applied to the positive/negative terminals, the following occurs:

MRZA: The infinitely adjustable delay time (t_v) starts to lapse. After lapse of this delay time, the relay changes from the normal to the operated position (V_R). Interruption of the input voltage will cause the relay to release.

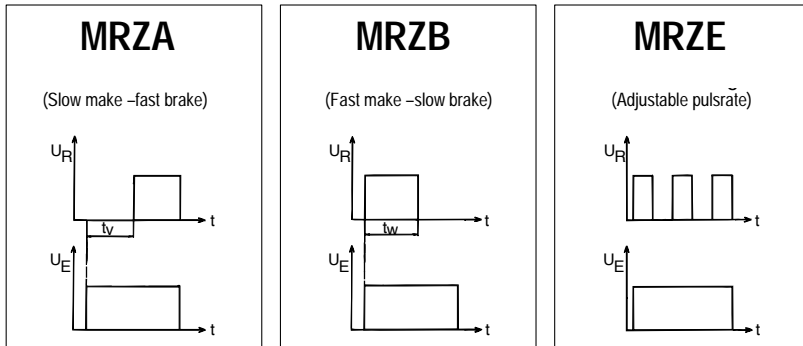
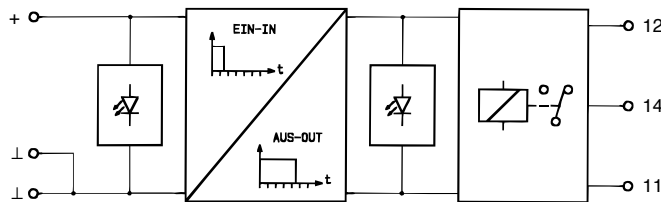
The module is equipped with two status LED's. One indicates the presence of control voltage and the other lights at the end of the delay period, when the relay is activated.

MRZB: The relay assumes the operated position (V_R). After lapse of the infinitely adjustable impulse time (t_w), the relay drops out without control voltage variation. The relay will deactivate and release, if the control voltage is interrupted during the delay period. Control voltage and relay status are indicated by LED's.

MRZE: Terminals will cause the SPDT relay to commence switching at the set pulse rate. The On-Off time is symmetrical ; the rhythm starts with the "On" time. The status of the pulse generator as well as the SPDT working relay is indicated by one LED each.

Options

- Customer specified designs.
- Further time ranges available on re-



Order Table

Number of change-over contacts per relay: 1 → A	Kind of Input: DC → D	Time Delays/ Pulsrate: (Depends on type, for coding please see "Technical Data") 1, 2, 3	Terminals Input: type 970-DS with 2,5 mm ² → B Optional available: (A, G)	Term. Output: type 970-DS with 2,5 mm ² → B Optional available: (A, G)
Module-Type: MRZA, MRZB MRZE	Relay Mount: soldered → L	No. of Relays: 1, 2, 4	Nominal Voltage (V): 024	Housing: Module Housing M-512 Z
A L - D - 0 2 4 - Z				
Type-Designation				