

# RM SERIES

## TM

### TIMERS FOR INDUSTRIAL RELAYS



#### TYPE

TM2-TM3

The TM2 or TM3 Time cube is an electronic timer that is inserted between the plug-in industrial relay and the socket. The result is a modular, complete time-delay relay without additional space requirement. The TM modules are suitable for all 8- and 11-pin standard industrial relays according to IEC 67 (i.e. RM2, RM3 series) and for industrial relays from other manufacturers.

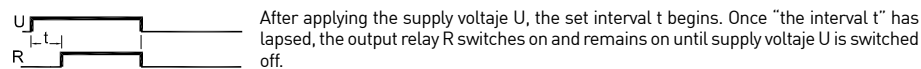


#### SPECIFICATIONS

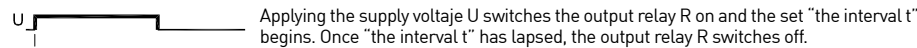
Operating voltage	12...240 V AC/DC (see list)
Functions	A, B, C, D, S
Time range	0.2 s...30 min.
Timing adjustment	Range: Switch / Within the range: Potentiometer
Accuracy	$t \pm 2\%$
Min. control period	< 50 ms
Reset time	< 200 ms
Ambient temperature	-25...70 °C
Protection class	IP40
Weight	35 g

#### TIME FUNCTIONS

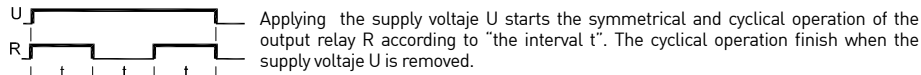
##### TMA - ON DELAY



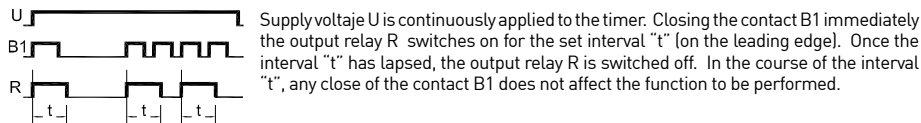
##### TMC - OFF DELAY



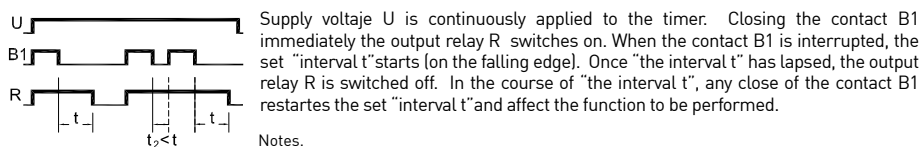
##### TMS - BLINKER



##### TMD - ON TRIGGERED BY EXTERNAL INPUT B1

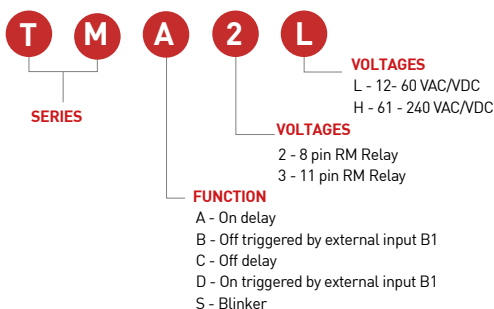


##### TMB - OFF TRIGGERED BY EXTERNAL INPUT B1

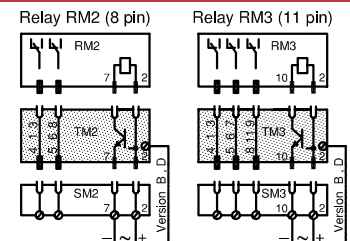


Notes.  
U: supply voltage A1(+) A2(-) (by 2-10 or 2-7)  
B1: external input 12 to 60 (L) or 61 to 240 (H). Only for functions B and D.

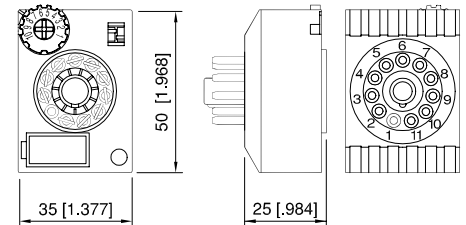
#### ORDERING CODE



#### CONNECTION DIAGRAM



#### DIMENSIONS mm [inch]



#### TIMING ADJUSTMENT

Potentiometer	Switch
0.2 - 3 s	
2 - 30 s	
0.2 - 3 min	
2 - 30 min	

#### TECHNICAL APPROVALS



IEC 61810; EN 60947