

Selection

ERWT - MF1 02 - MT1 - E05

RTW	Single or multiple timing relay
ERWT	Multifunction timing relay

Selection of the function	
RE	Delay and impulse
PE	Impulse ON
CI	Flasher 2 settings, start ON ¹⁾
CIR	Flasher 2 settings, start OFF ¹⁾
CIL	Flasher 1 setting, start ON
CID	Flasher 1 setting, start OFF
RD	OFF-delay with control signal
RDI	OFF-delay ¹⁾
ET	Star-delta ²⁾
MF1	8 configurable functions ³⁾
A	ON-delay
Ba	ON-delay with control signal
Ca	ON-delay and OFF-delay with control signal
Da	Symmetric flasher, start ON
Db	Asymmetric flasher, start OFF
E	Impulse ON with control signal
G	Star-delta
MF2	8 configurable functions ³⁾
Dc	Asymmetric flasher, start ON
Dd	Asymmetric flasher, start OFF
De	Percentage flasher, start ON
Df	Percentage flasher, start OFF
Dg	Flasher for motor reversing
Cb	ON-delay and OFF-delay with control signal and independent settings
Ia	Delayed adjustable-length pulse
J	Bistable

Power supply selection		
Alternating (50/60 Hz) / Direct		
Code	Description	Applicable RTW
E26	24V ac / 24V dc	RE, PE, CI, CIR, CIL, CID, ET
E33	48V ac / 24V dc	RE, PE, CI, CIR, CIL, CID, ET
E37	110-130V ac / 24V dc	RE, PE, CI, CIR, CIL, CID, ET
E40	220-240V ac / 24V dc	RE, PE, CI, CIR, CIL, CID, ET
E05 ⁴⁾	24-240V ac / 24-240V dc	RE, PE, CI, CIR, CIL, CID, ET, RD, RDI
Alternating current (50/60 Hz)		
Code	Description	Applicable RTW ⁴⁾
D02	24 V ac	RD
D07	48 V ac	RD
D61	110-130 V ac	RD
D66	220-240 V ac	RD
D71	380-440 V ac	RE, PE, ET
Continuous voltage		
Code	Description	Applicable RTW
C03	24V dc	RD

Timing	
U001S	0.1 - 1s ⁵⁾
U003S	0.3 - 3s
U010S	1 - 10s
U030S	3 - 30s
U060S	6 - 60s
U100S	10 - 100s
U300S	30 - 300s
U010M	1 - 10min ⁶⁾
U030M	3 - 30min ⁶⁾
MAT	0.1s - 10min ⁷⁾
MBT	0.2s - 150h ⁷⁾
MT1	0.1s - 10 dias ⁸⁾

Number of output contacts	
01	1 NOC contact ⁹⁾
02	2 NOC contacts

Notes: 1) Not available for multiple timing relays (RTW-M);

2) For single timing RTW-ET relays, only the 3 - 30 s timing range selection is available (U030S).

For multiple timing RTW-ET relays, only the 0.1s - 10min timing selection is available (MAT);

3) MF1 and MF2 available only for ERWT multifunction relays;

4) Not available for the star-delta relays (RTW-ET) and multifunction relays (ERWT-MF1, MF2);

5) Timing range U001S (0.1 - 1s) not available for the RTW-CI, CIR, RD and RDI relays;

6) Timing range U010M (60 - 600s) and U030M available only for the RTW-RDI relays;

7) Timing ranges MAT/MBT available only for the RTW-RE, PE, RD, CIL, CID or ET relays;

8) Timing range MT1 available only for ERWT-MF1 and MF multifunction relays;

9) For all single timing relays: RTW-CI, CIR and RDI.

For the multiple timing relays (MAT/MBT): RE, PE, CI, CIL, CIR, CID, RD and ET.

For multifunction relays: MF1 and MF2;

10) Only single timing relays.