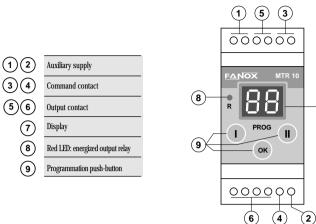
Command contact Function examples diagrams Can be switched in two ways: U: power supply R: output relay • By closing an external voltage free contact between M and S. Output relay at start: 1L de-energized; 1H energized. • By connecting 5-35 Vac, dc between M(+) and R(-) Work mode: CO non-cycle; C1 cycle. Each diagram represents the effet of the command contact for the two initial states of the output relay: de-energized (1L) and Command contact: cu, cr, cl, ci, co. energized (1H). U: power supply **Delay ON** cu Switched off contact. Its 1L - CO - cu function is blocked. Su función está inhibida cr Reset contact **Timing ON** When connected the output 1H - CO - cu relav is de-energized upon disconnecting, the programmed timing starts. Delay OFF with command contact cl Lock contact 1H - CO - co A partial shutdown of the timing takes place during its operation. **Double timing** 1L - CO - cu ci Delay on contact When disconnected the output relay is de-energized; when **Double timing cycle** connected the programmed work mode timings starts. 1H - C1 - cu co Delay off contact Four timings cycle When disconnected the output work mode relay is de-energized. When 1H - C1 - cu connected, the relay is energized. When disconnected again, the programmed timings starts. Timing with partial shutdown

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MULTIFUNCTION DIGITAL TIMER MTR 10



Technical data	Ce
Auxiliary supply	230V 50/60 Hz / 8VA
+15-10% / Consumption	24V Vdc.ac / 1W
Accuracy	1% ± 10 ms
Repeat accuracy	0,5%
Output contacts: 1 relay with 2 timed change over contacts NO-NC	$\begin{array}{c} \text{C300} & -125/250\text{V} I_{th}{=} 5\text{A} \\ \text{AC15} & -250\text{V} - 2\text{A} \\ \text{DC13} & -30\text{V} - 2\text{A} \\ \text{DC13} & -115\text{V} - 2\text{A} \end{array}$
Terminals: max section /	2,5mm², No.22 - 12AWG/
screw torque	20 Ncm, 1,8 LB - IN
Mechanical /	>20 x 10 ⁶ OP /
electrical life	10 ⁵ OP
Protection degree /	IP40 front /
weight	0,15 kg
Storage /	-30°C +70°C /
operation temperature	-20°C +55°C

Dimensions

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— 35

 $\overline{(7)}$



45 90

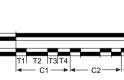
53 -

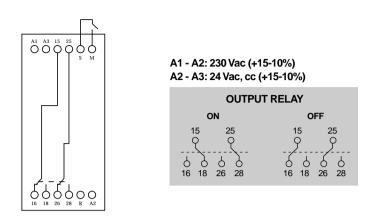
by command contact 1L - CO - cl

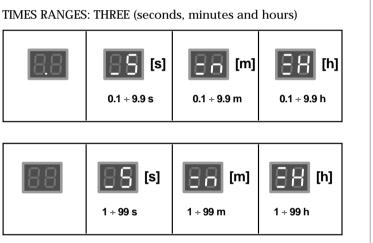
T2 |T3|T4 — C1 — • • — C2—











PROGRAMMABLES PARAMETERS

- 1º Initial state of output relays:
- energized (1H) or de-energized (1L).
- 2º Working mode: cycle (C1) or non-cycle (CO).
- 3º Number of different times per program: up to 8 in cycle mode and up to 9 in non-cycle.
- 4° Time setting range: from 0,1 seconds to 99 hours.
- 5º Command contact.
- With built-in battery which allows timer to be programmed without connecting to auxiliary voltage.

