AUTOMATISMOS
Control y Programación S.L.U.

SWIMMING POOL TIMER WITH PIEZOELECTRIC PUSH BUTTON

MTP01T

- Timer for swimming pools, spas and water applications.
- 1 input for a piezoelectric push button.
- 1 voltage-free NO relay output (5 A 250 VAC).
- Outputs for the push button ON and OFF LEDs (12 VDC – 20 mA).
- Programmable time from 0 to 30 min.
- 4 programmable functions.
- Plug-in terminal blocks · 3-module housing (52.5 mm).



Swimming pool and spa timer with an input for a sealed piezoelectric push button installed next to the pool. Four programmable functions (push button, bistable with or without safety time and timing), 0 to 30 min time range, 5 A relay output and outputs for the push button ON / OFF LEDs. 3-module DIN rail housing.

CE

SPECIFICATIONS

Housing	Grey · ABS UL94-HB
Mounting	DIN rail
Format	3 modules · 62.5 × 90 × 52.5 mm
Connection	Plug-in terminal blocks
Weight	215 g

POWER SUPPLY

Voltage	100 – 240 VAC
Consumption	< 3 W

ENVIRONMENTAL CONDITIONS

Operating temperature	-10 … +55 ºC
Storage temperature	-25 … +85 ºC

FUNCTIONS

Time range	0 … 30 min
Functions	4 programmable (A – D)

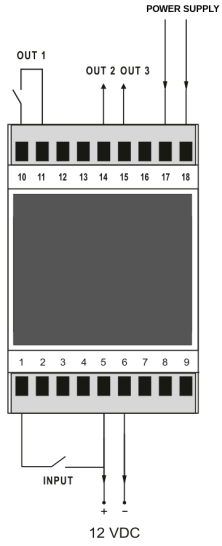
OUTPUTS

OUT 1	Voltage-free NO relay · 5 A 250 VAC
OUT 2	ON LED indicator · 12 VDC 20 mA
OUT 3	OFF LED indicator · 12 VDC 20 mA

STANDARDS

CE conformity	2014/35/EU ; 2014/30/EU

CONNECTIONS



1 - 5	Push button input
6	LED common (−)
10 - 11	Relay output (OUT 1)
14	ON LED output (+)
15	OFF LED output (+)
17 - 18	Power supply

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OPERATING FUNCTIONS

Function A	The push button switches output OUT 1 on and off.
Function B · Bistable with safety time	Each press switches output OUT 1 on or off. If there is no second press, the output switches off when the programmed time ends.
Function C · Bistable without safety time	Each press switches the output on or off.
Function D · Timing	The push button switches the output on for the programmed time. Once timing has started, the unit ignores the push button until it ends.

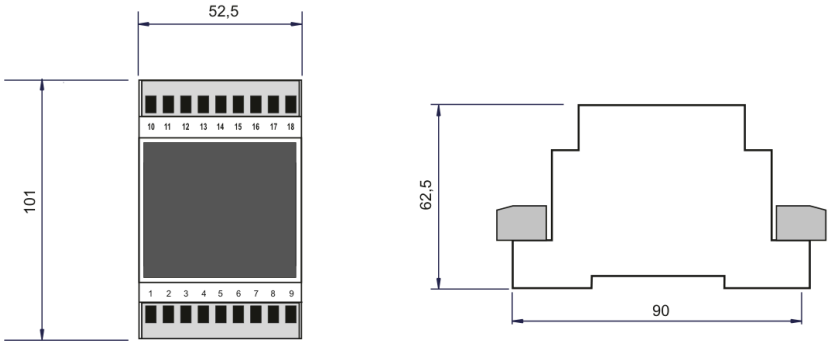
FUNCTION SETUP

1. Hold down the ESC and ENTER keys while powering up the unit; when you release them, the unit enters setup mode.
2. Use the UP and DOWN keys to choose the function (A, B, C or D).
3. Press ENTER to confirm and leave setup mode.

TIME SETTING

1. Use the UP and DOWN keys to set the timing (0 … 30 min).

DIMENSIONS



SAFETY AND INSTALLATION WARNINGS

.- Before connecting the unit, make sure the supply voltage is within the range stated on the label. Applying the wrong voltage can irreversibly damage the internal components.

.- Use wire-end ferrules for wiring. Do not insert stranded wire directly, as loose strands could cause a short circuit.

.- The unit must be installed inside an electrical cabinet to protect it from the weather and from unauthorised handling. The cabinet must comply with the safety regulations in force.

.- If the units are permanently powered, leave free space between them for proper ventilation. Excessive temperature can shorten the life of the internal components.

.- Do not expose the unit to solvents or acids, as they can damage the housing. Highly corrosive or very humid environments can seriously damage the unit and its internal components.

.- **THIS UNIT MUST BE INSTALLED AT A MINIMUM DISTANCE OF 3.5 METRES FROM THE POOL.**