AUTOMATISMOS
Control y Programación S.L.U.

DUAL TIMER FOR SWIMMING POOLS

MTP02T

- Dual timer for swimming pools, spas and water applications.
- 2 inputs for piezoelectric push buttons.
- 2 voltage-free NO relay outputs (5 A 250 VAC).
- 2 independent programmable times from 0 to 30 min.
- 4 programmable functions.
- Plug-in terminal blocks · 3-module housing (52.5 mm).



Dual swimming pool and spa timer with two inputs for sealed piezoelectric push buttons: two independent channels, each with its own time from 0 to 30 min. Four programmable functions (push button, bistable with or without safety time and timing) and two 5 A relay outputs. 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 (2 independent times)
Functions	4 programmable (A – D)

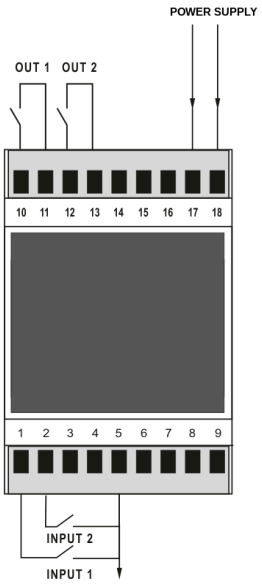
OUTPUTS

OUT 1	Voltage-free NO relay · 5 A 250 VAC
OUT 2	Voltage-free NO relay · 5 A 250 VAC

STANDARDS

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

CONNECTIONS



1	Push button input 1
2	Push button input 2
5	Input common
10 - 11	Relay output 1
12 - 13	Relay output 2
17 - 18	Power supply

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OPERATING FUNCTIONS

Function A · Push button (monostable)	Each output stays on only while its push button is held down. When the button is released, the output switches off immediately.
Function B · Bistable with safety time	Each press toggles its output (on if it is off, off if it is on). If an output is left on and there is no second press, it switches off automatically when the programmed time ends.
Function C · Bistable without safety time	Each press toggles its output permanently (on with the first press, off with the next). The outputs are not switched off by time.
Function D · Timing (timed monostable)	Each press switches its output on for the programmed time. Once timing has started, the unit ignores any further press until the time has elapsed.

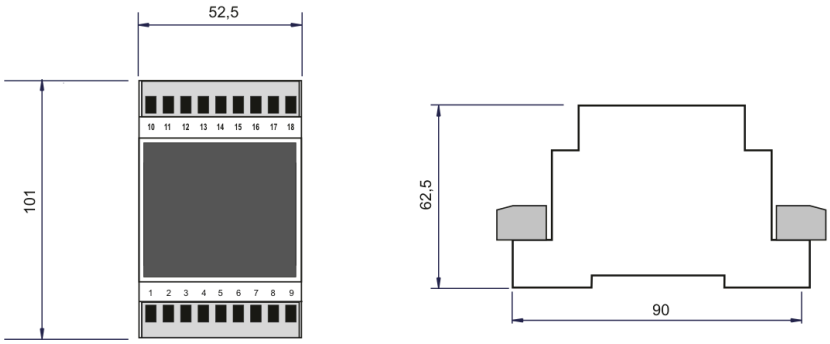
FUNCTION SETUP

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.

SETTING THE TIMES

1. Press ENTER to open the first timer.
2. Set the time of the first timer with the UP and DOWN keys.
3. Press ENTER to confirm; the unit moves on to the second timer automatically.
4. Set the time of the second timer with the UP and DOWN keys.
5. Press ENTER to confirm the time, save the data and leave programming mode. Pressing ESC at any time leaves the menu without saving.

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.**