Only one model

Maximum protection into less space

Low-cost

Easy installation and use

Ready to install

Inventory reduction

ECO-POOL
SIMPLEX PANEL FOR SWIMMING-POOL

Models

10002505	ECO-POOL-230
10002506	ECO-POOL-230D
10002507	ECO-POOL-230-T100
10002508	ECO-POOL-230-T300
10002509	ECO-POOL-400
10002510	ECO-POOL-400D
10002511	ECO-POOL-400-T100
10002512	ECO-POOL-400-T300
10002504	TPM-POOL module

ECO-PUMP
SIMPLEX PANEL FOR SUBMERSIBLE PUMP

Models

10002513	ECO-PUMP-230
10002514	ECO-PUMP-400
10002442	TPM6 module

Options:
> Current transformer configurable up to 250A.
> Power supply 24Vac.
> Input for 4-20mA pressure sensor or 4-20mA level probe.
> Level control by flow switch.

Overvoltage Protection

Control & Energy

Sensors

Marine Ultrasound

Algacleaner Ultrasound

toscano
Electronics for the environment

serie
eco

A new way to control pumps and swimming-pools

toscano
TPM Pool
ON
OFF
ON
AUX
OFF
push to reset
push >4s man
23.15

Very easy and intuitive

toscano

Bluetooth™
Connectivity

ECO-POOL

SIMPLEX PANEL FOR SWIMMING-POOL

> Very easy and intuitive operation.

> Digital protection and control of the pump.

> Integrated digital clock with power reserve.

> Valid for single-phase or three-phase pumps.

> Two time programmers for filtration and one time programmer for lighting, totally independent.

> Built-in thermal protection with automatic setting of motor overload and underload (dry running protection).

> External on/off control of spotlights and scene change function (RGB).

> External on/off control of the pump.

> Forced pump Start/Stop in manual mode.

> Integrated frost protection (sensor not included).

> Programmable auxiliary output (main alarm, low flow or dry running, cleaning robot, dosing pumps, electrolyser, UV lamps, heat pump, etc).

> Compatible with radio-frequency control systems and smartphones via Bluetooth communication.

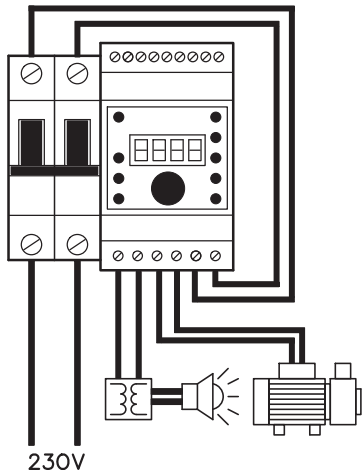> Storage of pump operation data (total working hours and total number of starts).
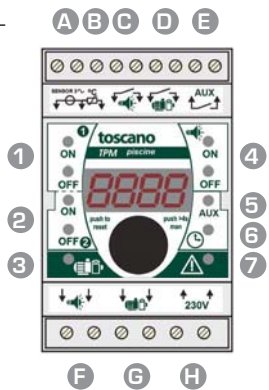
ECO-POOL

Connectivity

Bluetooth™

TPM-POOL module

Control module specifications

TPM-POOL module		TPM6 module
230Vac - 50/60Hz	Power supply	230/400Vac - 50/60Hz
Filtration programs 1/2, Pump running, Lighting program, Auxiliary output, Current time, Main alarm	Pilot lights (LED)	Low level, Pump running, Maximum current, Minimum current, Restart time, Main alarm
Overload, Underload and Phase loss (3-phase pumps only)	Protections	Overload, Underload, Phase loss, Excessive starting frequency
Current time, Filtration programmings 1/2, Lighting programming, Auxiliary output state, Alarms	Displayed information (4-digit LED display)	Pump consumption, Maximum current, Minimum current, Restart time, Alarms
14A in 1-phase (up to 26A in 1/3-phase with a contactor)	Pump output	12A in 1-phase (up to 40A in 1/3-phase with a contactor)
5A maximum	Spotlights output	-
-	Low level output (LEVEL)	230/400Vac - 5A maximum
-	Main alarm output (ALARM)	230/400Vac - 5A maximum
Voltage-free (maximum 250V/5A)	Auxiliary output	-
Auto-setting (trip in 7 s)	Maximum current setting	Auto - 0.6...40A (trip in 7 s)
Auto-setting (trip in 4 s with 20 s starting delay	Minimum current setting	OFF - 0.5...40A (trip in 4 s with 20 s starting delay)
-	Restart time setting	OFF - 3...240 min
4mm² (power) / 2,5mm² (control)	Maximum terminal cross-section	4mm² (power) / 2,5mm² (control)
3 modules (52,5mm)/240g/ IP20/-10º...+55ºC	Width/Weight/IP/Temperature	3 modules (52,5mm)/210g/ IP20/-10º...+55ºC

TPM-POOL Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ

TPM6 Ⓐ Ⓑ Ⓒ Ⓓ

A. Current transformer input (In>14A).
B. Ambient temperature sensor input.
C. Lighting control input (on/off and RGB).
D. Pump control input.
E. Programmable auxiliary output.
F. Spotlights supply output.
G. Pump supply output.
H. Power supply 230V input.

1. Filtration time program setting no. 1.
2. Filtration time program setting no. 2.
3. Pump running.
4. Lighting time program setting.
5. Auxiliary output programming.
6. Current time setting.
7. Main alarm.

A. Power supply 230/400V input.
B. Pump supply output.
C. Low level output.
D. Main alarm output.
E. External on/off control input.
F. Level probes input.
G. Current transformer input.

1. Low level.
2. Pump running.
3. Overload setting.
4. Underload setting.
5. Restart time setting.
6. Main alarm.

Basic diagram
(more info, see manual)

230V

ECO-PUMP

SIMPLEX PANEL FOR SUBMERSIBLE PUMP

> Very easy and intuitive operation.

> Digital protection and control of the pump.

> Dual voltage supply 230/400Vac.

> Valid for single-phase or three-phase pumps.

> Built-in thermal protections against overload, underload, phase loss and excessive starting frequency.

> Automatic or manual setting of motor overload and underload (dry running protection).

> Level control by 1 or 2 conductive probes, 1 or 2 float switches or by motor underload.

> External on/off control.

> Output for low level indication.

> Output for main alarm indication.

> Forced pump start in manual mode.

> Storage of pump operation data (total working hours and total number of starts).
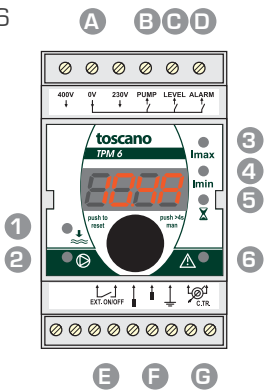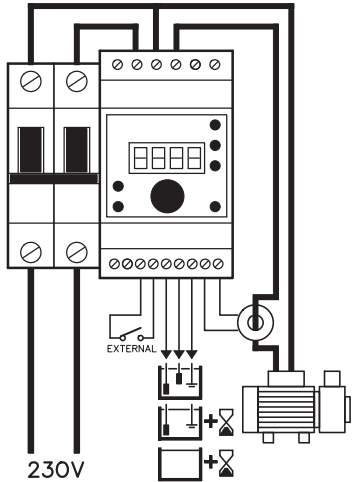
ECO-PUMP

Basic diagram
(more info, see manual)

230V

TPM6 module

toscano