

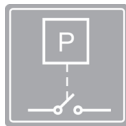
Switchmatic 2 T



Thripasic electronic pressure switch. Patented Model.

This unit SWITCHMATIC 2 T is a thripasic electronic pressure switch with an integrated digital pressure gauge. It can manage the start and stop of 3-phase electric pumps. General electric supply is 400Vac. Cut-in and cut-out pressure implementation can be set easily and accurately through user friendly control panel. Wiring is carried out identically to a conventional electromechanical switch.

SWITCHMATIC 2T includes also instantaneous current lecture and voltage. It can be mounted individually or in groups of 2 pumps synchronized and operating in cascade mode with alternated sequence of operation. This patented version controls and manages the overcurrent, voltage out of range protection, the dry-running protection of the pump and fast cycling protection.



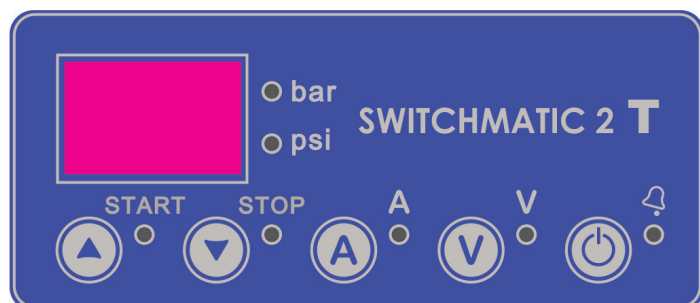
SWITCHMATIC 2T



OPERATING CHARACTERISTICS

- ART function (Automatic Reset Test). If the device has been stoped due the action of the safety system against dry operation, the ART tries to connect the pump, with a programmed periodicity because the water supply could have been restored.
- Sleep mode with low power consumption.
- Inner pressure transmitter.
- Integrated pressure gauge with bar and psi instantaneous display.
- User friendly control panel with 3-digits display, led-lights and pushbuttons.
- Dry-running protection by current.
- Rapid-cycle alarm: when the hydropneumatic tank has lost the air and frequent start-stops are produced an alarm is activated and is delayed the start.
- Overload alarm
- Manual start.
- Operation modes: differential, inversed and synchronized
- EMC certified and Electrical Safety certified.
- RoHs and WEEE compliant.

CONTROL PANEL



- 3 digits display:
 - Operating mode: Instantaneous pressure.
 - Set mode: Cut in and cut out pressure.
- Bar-psi led lights (green):
 - Operating mode: Bright bar or psi.
 - Pump on: Flashing bar or psi.
- Star-Stop Led (green):
 - Bright: displayed Pressure start or Pressure stop.
 - Flashing: Setting Psart or Pstop.
- Push Buttons ▲▼: Increase or decrease configuration parameters.
- ENTER push-button:
 - Manual start and stop.
 - Confirm configuration value.
- "A" led light (green):
 - Bright: Displayed instantaneous current consumption of the pump.
 - Flashing: Setting maximum current of the pump.
- Alarm red light 🔔: dry-run, over current, fast cycling
- "A" push-button: Set and display current intensity.
- "V" push-button: Set and display the voltage

TECHNICAL CHARACTERISTICS

	SWITCHMATIC 2T
Power supply voltage	~3 x 220-400 Vac
Frequency	50/60 Hz
Max. current	12 A
Maximum pump power	4,4kW (5,5 HP)
Starting pressure range (cut-in)	0,5 ÷ 7 bar
Stop pressure range (cut-out)	1 ÷ 8 bar
Maximum differential	7,5 bar
Minimum differential	0,5 ÷ 1,5 bar
Factory setting (cut-in/cut-out)	3 / 4 bar
Protection degree	IP55
Max. water temperature	40 °C
Max. environment temperature	50 °C
Net weight (without cables)	-
Inlet thread	G1/4" F

DIMENSIONS AND INSTALLATION

