

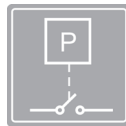
Switchmatic 2 T



Thriphasic electronic pressure switch. Patented Model.

SWITCHMATIC 2T is a three-phase electronic pressure switch with integrated digital manometer. It manages the start and stop of a three-phase pump up to 4kW (5,5 HP). Cut-in and cut-out pressures are easily adjustable through the users control panel.

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.



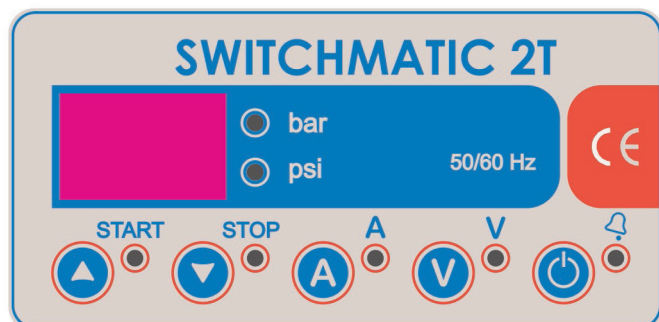
SWITCHMATIC 2T



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 Pstart 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 230-400 Vac |
| Frequency | 50/60 Hz |
| Max. current | 10 A |
| Maximum pump power | 4,4kW (5,5 HP) |
| Starting pressure range (cut-in) | 0,5 ÷ 11,5 bar |
| Stop pressure range (cut-out) | 0,5 ÷ 12 bar |
| Maximum differential | 11,5 bar |
| Minimum differential | 0,5 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) | 0,654 kg |
| Inlet thread | G1/4" F |

DIMENSIONS AND INSTALLATION

