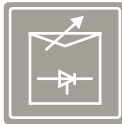


Speedmatic Set Alt

Driver for two single-phase electric pumps at variable speed. Patented system.

SPEEDMATIC SET ALT is a compact automatic control device designed for the automation of pressure groups with 2 pumps, with an electronic system managed by a software responding to the rigorous requirements of efficiency and safety of the most important builders of pumps. It includes a frequency inverter for the main pump control regulating the speed in order to keep constant the pressure independently of the flow given, the auxiliary pump is managed by mean of power relay. There is alternated operating sequence, these means that the pump managed by the inverter is changed in each operating cycle and it is always the first to start.



SET ALT 2110 MM

OPERATING CHARACTERISTICS

- Main pump managed by frequency converter (inverter).
- Auxiliary pump at full speed with power relay.
- Alternated operation sequence. Main pump changes in each operation cycle.
- **ART** function (Automatic Reset Test). If the device has been stopped due to 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.
- **Automatic restore system** after an interruption of power supply. This system restores the previous mode keeping the configuration parameters.
- Volt-free contact for monitoring the alarms displayed in screen originated by irregularities or problems of the system. Optional.
- Electronic input for detection of minimum water level in aspiration tank- optional-. This system is independent of the safety against dry-run operation.
- Inner pressure transducer with digital indicator,
- Inner current sensor with instantaneous digital reading.
- Control and information panel with LCD display.
- **Register of operational parameters.** Information about: operating hours, counter of starts, counter of connections to the power supply.
- **Register of alarms.** Information about type and number of alarms.
- Possibility to act over the PID.

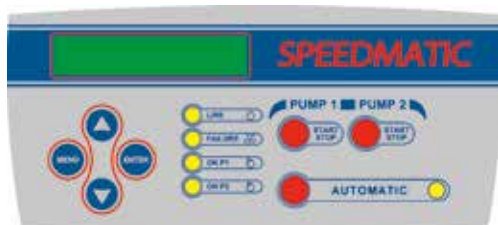


Low Voltage Directive 2014/35/EC
Electromagnetic Compatibility 2014/30/EC
RoHS 2011/65/EC + 2015/863/EC

TECHNICAL CHARACTERISTICS

		SET ALT MM
Power supply voltage		~1 x 230 Vac
Frequency		50/60 Hz
Max current main pump		12A (~1 x 230 Vac)
Max current auxiliary pump		12A (~1 x 230 Vac)
Max operating pressure		16 bar
Range of set pressure		0,5 ÷ 12 bar
Protection Index		IP55
Max water temperature		40 °C
Max environment temperature		50 °C
Net weight (without cables)		3,6-4 kg
Innet and outlet threads		G 1 1/4"
Max flow:	Speedmatic Set	15.000 l/h
	Auxiliary pumps	Q l/h
	Total group (2 pumps)	(15.000 + Q) l/h

CONTROL PANEL



Control panel includes LCD screen, warning leds, push-buttons, START-STOP, AUTOMATIC and configuration system.

SAFETY SYSTEMS

- Control and safety system against over-intensities.
- Electronic control and safety system against dry operation.
- Control and safety system against wrong supply voltage.
- Control and safety system against short-circuit between output phases.

DIMENSIONS

