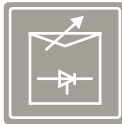


Speedmatic Alt

Driver for two single-phase or three-phase electric pumps at variable speed and alternated operating sequence. Patented system.

Both pumps are managed by the same inverter (frequency converter) with alternated sequence - never simultaneously - in each operating cycle. This system guarantees the flow supply in case of failure of one of the electric pumps and also increase their durability. The electrical supply of the pumps -single phase or 3-phase- it's chosen through the configuration menu.



ALT 202110

OPERATING CHARACTERISTICS

- Both pumps managed at variable speed (inverter).
- Alternated operating sequence.
- **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. This use is optional.
- Electronic input for detection of minimum water level in aspiration tank -optional. This system is independent of the safety against dry-running 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.
- Open PID in the expert menu.



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

TECHNICAL CHARACTERISTICS

	ALT
Power supply voltage	~1 x 230 Vac
Frequency	50/60 Hz
Max current per phase	10A(~3 x 230 V) o 10A(~1 x 230 V)
Max operating pressure	16 bar
Range of set pressure	05 ÷ 12 bar
Protection degree	IP55
Max water temperature	40 °C
Max environment temperature	50 °C
Net weight (without cables)	3,7 kg
Inlet and output thread	G 1 1/4"
Max flow	15.000 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 overload.
- 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

