



Speedmatic

Driver for a single-phase or three-phase pump, managed by INVERTER.

These devices are able to manage either, single-phase or three-phase electric pumps through a frequency converter. The type of pump can be selected from the configuration menu. General electric supply is 220 V.



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101110



OPERATING CHARACTERISTICS

- Pump managed by frequency converter (inverter).
- **ART system (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 group, with a programmed periodicity because the water supply could have been restored.
- Automatic restore system after an interruption of power supply. System restores the previous state keeping the configuration parameters.
- Inner pressure transducer with digital indicator.
- Inner current sensor with instantaneous digital reading.
- Control and information panel with LCD display.
- Register of operational controls. Information about: operated hours, counter of starts, counter of connections to the power supply.
- Register of alarms. Information about type and number of alarms since the starting up of the device.
- Open PID in the expert menu.

SAFETY SYSTEMS AND PROTECTIONS

- Control and safety system against over-current.
- Control and safety system against wrong supply voltage.
- Control and safety system against short-circuit between output phases.
- Control and safety system against dry operation.
- **AIS function (Anti-ice System).** It will detect temperatures under 5 °C and periodically it will start the circulation of the water in the hydraulic network, avoiding its freezing.

TECHNICAL CHARACTERISTICS

- Power supply voltage
- Frequency
- Max. current per phase
- Max. peak of current
- Max. operating pressure
- Range of set pressure
- Protection index
- Max. water temperature
- Max. environment temperature
- Max. flow
- Net weight (without cables)
- Inlet and outlet threads

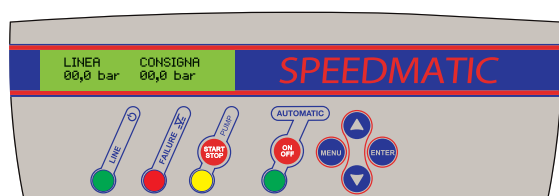
101165

~ 1 x 230 Vac
50/60 Hz
6A(~3 x 230 Vac) 5A(~1 x 230 Vac)
20% 10 seg.
10 bar
0.5 ÷ 8 bar
IP 55
40 °C
50 °C
10.000 l/h
2,5 kg
G 1 1/4"

101110

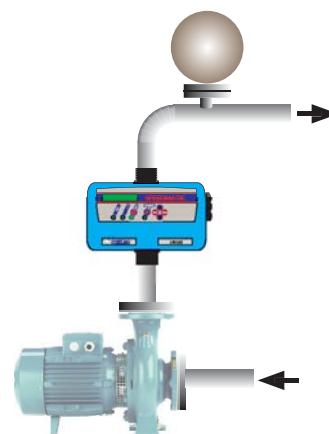
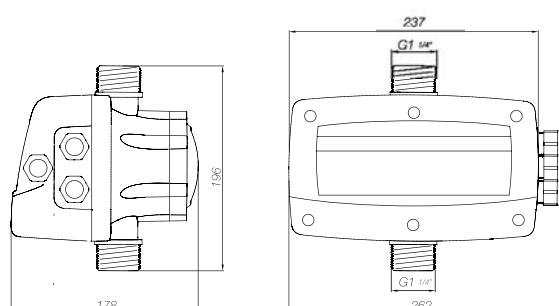
~ 1 x 230 Vac
50/60 Hz
10A(~3 x 230 Vac) 9A(~1 x 230 Vac)
20% 10 seg.
15 bar
0.5 ÷ 12 bar
IP 55
40 °C
50 °C
15.000 l/h
2,5 kg
G 1 1/4"

CONTROL PANEL CHARACTERISTICS



Control panel includes: **LCD screen**, warning led lights, push-buttons **START-STOP**, **AUTOMATIC** and configuration system.

DIMENSIONS



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Registered in England No 4548322