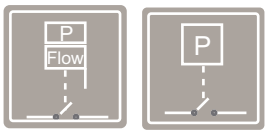
Onematic Easy 1116

Driver for a single-phase pump with 2 options of operation modality: pressure dependent mode or On-Off (pressure&flow-dependant mode).

Compact automatic control device for the automation of single-phase pumps up to 16 A. The system manages the start and stop of the pump depending on the detected pressure by its internal transducer and the flow detected by the flow sensor. It can operate in pressure dependent mode (start pressure and stop pressure) or on/off mode (start pressure between 1÷5 bar and disconnection by the flow sensor).



1116

OPERATING CHARACTERISTICS

- Pump managed by power relay.
- **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.
- Electronic input for detection of minimum water level in aspiration tank - optional. This system is independent of the safety against dry-operation.
- Inner pressure transducer with digital indicator.
- Inner flow sensor.
- Inner current sensor with instantaneous digital reading.
- Control and information panel with LCD display.

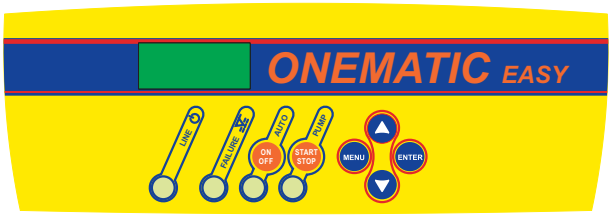
SAFETY SYSTEMS AND PROTECTIONS

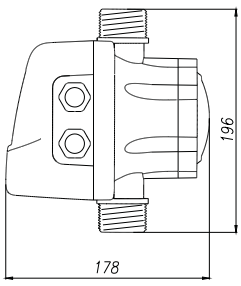
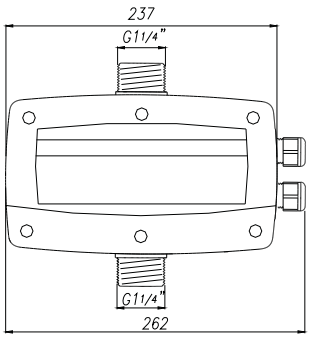
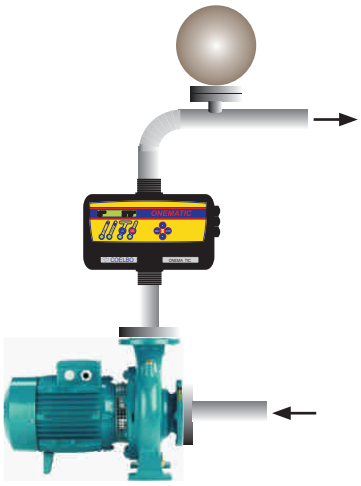
- Control and safety system against over-current.
- Control and sefety system against wrong supply voltage.
- Control and safety system against short-circuit between output phases.
- Control and safety system against dry operation.

TECHNICAL CHARACTERISTICS

	1116
· Power supply voltage	~ 1 x 230 Vac
· Frequency	50/60 Hz
· Max. current per phase	16 A(~ 1 x 230 Vac)
· Max. peak of current	+20 % 10 seg.
· Max. operating pressure	10 bar
· Range of start pressure (On-Off mode)	1 ÷ 5 bar
· Max. stop pressure (pressure dependent mode)	7 bar
· Max. start pressure (pressure dependent mode)	6,5 bar
· Protection index	IP 55
· Max. water temperature	40 °C
· Max. environment temperature	50 °C
· Max. flow	15.000 l/h
· Net weight (without cables)	3,3 Kg
· Inlet and outlet threads	G 1 1/4"

CONTROL PANEL CHARACTERISTICS



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

DIMENSIONS