

# BRIO TOP



## ELECTRONIC DEVICE FOR ELECTRIC PUMP CONTROL

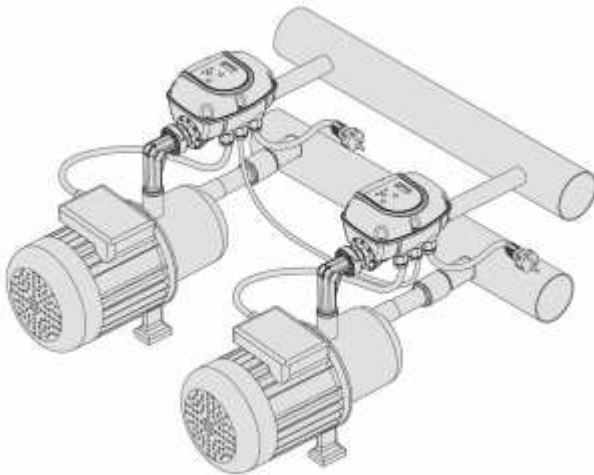
- Automatically controls starting and stopping of **single phase electric pumps with absorption up to 16A (3 HP)**.
- **It replaces completely the traditional water system set up** consisting on pressure switch and pressure tank or **can be used as a digital pressure switch with adjustable cut-in and cut-off thresholds** (in a pumping system with pressure tank).
- It starts the electric pump after a pressure decrease (taps opening) and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump (taps closing) or when the set cut-off pressure is reached.
- **Digital pressure display.**
  - Operation/error status signalling via LEDs and on-screen alerts.
- **Protection against dry running** in event of water shortage on the suction.
- **Automatic reset** in event of dry running, with autonomous error condition recovery.
- **Motor over current control** which trips in the event of overload or with the rotor blocked.
- **Anti-freeze protection** which starts up the pump when the ambient temperature falls below 4°C.
- **Rotor anti-blocking function** used to prevent seizure of mechanical parts during prolonged periods of pump inactivity.
- **Overpressure protection** able to stop the electric pump at a set threshold.
- **Settable trip pressure** during installation phase **via the digital display**.
- Standard 1" M hydraulic connections.
- Installation in any position ? **both vertical and horizontal** ? according to the flow direction.
- **Operation in master/slave configuration into twin booster sets.**
- **Terminals for remote connection** (1 input + 1 output).
- **Alarm log** for simple analysis of any system malfunctions.
- Removable electrical terminals to facilitate wiring.
- **No need of maintenance.**

**APPLICATIONS:** Pressure switches for water pumps,  
Electronic flow and pressure devices, Dry running protection

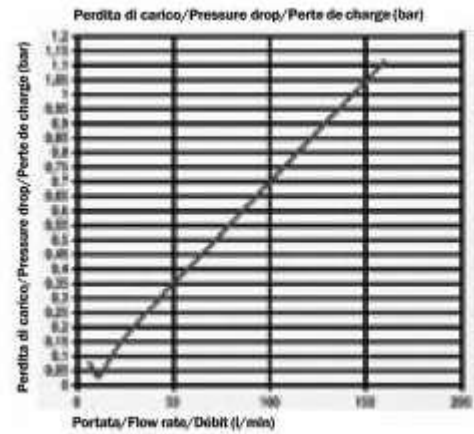
## TECHNICAL DATA

<b>Power supply:</b>	115-230Vac $\pm 10\%$ 50/60Hz
<b>Max rated current:</b>	16A
<b>Starting pressure range:</b>	0,5-8,0bar
<b>Max allowable pressure:</b>	10 bar
<b>Protection degree:</b>	IP 65
<b>Max fluid temperature:</b>	30°C
<b>Max ambient temperature:</b>	35°C

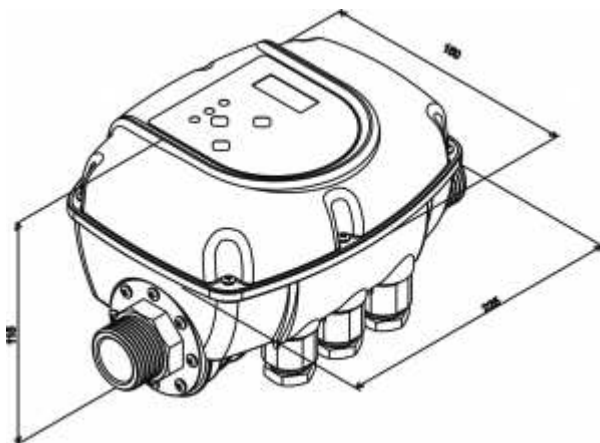
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TWIN BOOSTER SET



Pressure drop diagram



DIMENSIONS

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