

SMART-TECH electronic pump protection.



MODELS:  
SAFEMATIC

## SAFEMATIC WB 10 → 10 A max. / 16 A max.

WB: wall mounted with cable and type B Australian plug to the power supply.

WG: wall mounted with cable and type G UK plug to the power supply.

S: Schuko integrated plug.



This unit stops the pump when a dry-running or an overintensity is detected. It has an integrated Schuko socket for the pump connection. It has also a Schuko plug for the power supply connection, in case of other socket shapes there is a wall-mounted variant where the connection is performed through the lateral PG's.

### Operating Characteristics

- Dry-running protection without configuration.
- Overcurrent protection.
- Protection against mechanical pressure switch blocked.
- Rapid-cycle alarm: An alarm is activated when the hydropneumatic tank has lost the air and frequent start-stops are produced.
- 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 until the water supply is restored.
- Manual start push-button.
- Failure, power and pump on led-lights.
- Integrated Schuko socket for the pump connection.
- 2 possible connections to the power supplier:
  - Integrated Schuko plug.
  - Cable with plugs type G or B in wall mounted applications.
- RoHS and WEEE compliant.
- EMC certified.
- Electrical Safety certified.

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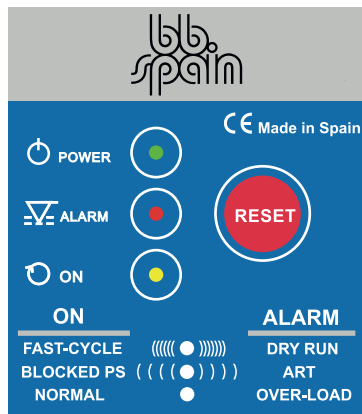
**Technical Characteristics:**

**SAFEMATIC 10**

**SAFEMATIC 16**

Power supply voltage	~1 x 230 Vac	~1 x 230 Vac
Frequency	50/60 Hz	50/60 Hz
Max. current	10A	16A
Protection degree	IP44	IP44
Max environment temperature	50°C	50°C
Net weight (without cables)	0,35 kg	0,4 kg

**Users Interface:**



- POWER led light (green)
- ALARM led light (red)
  - Bright → overload.
  - Slow flashing → ART MODE.
  - Fast flashing → OVERLOAD
- ON LED LIGHT (yellow)
  - Bright → normal operation.
  - Slow flashing → blocked pressure switch.
  - Fast flashing → fast cycle warning.
- RESET push-button

**Dimensions wall-mounted type:**

**Dimensions with integrated plug:**

