ACCESSORIES

SMAT ELECTRONIC PROTECTION DEVICE FOR PUMPS

Construction

Electronic device for the protection of electric pumps, stops the pump in the event of water shortage and motor overcurrent.
Electrical connection
To pump motor cable (Schuko plug built-in)
- To electric line socket (Schuko plug built-in)

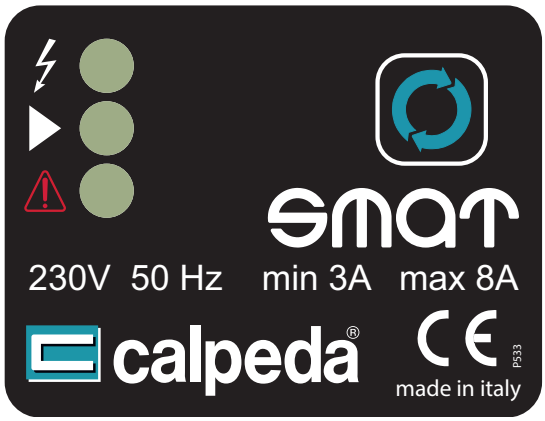
Applications

For protection of the pump:
Protects the pump against dry running and overcurrent

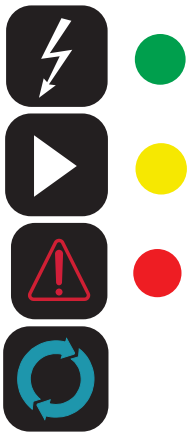
Operating conditions

Maximum ambient temperature max 55 °C.
Single-phase mains voltage: 230 V ±10%.
Frequency: 50 - 60 Hz.
Protection IP 65.
Pump motor current Minimum 3 A - Maximum 8 A.

Control Panel



Functioning mode



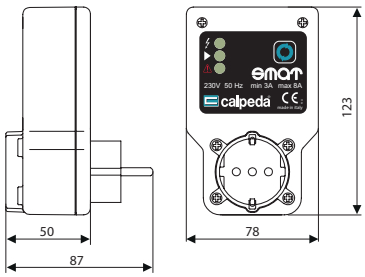
Green LED on = Device powered.

Yellow LED on = Pump running

Flashing red LED = Water shortage
Solid red LED illuminated = Overcurrent

RESTART button: Motor data acquisition - Reset after fault

Dimensions and weights



Examples of installations

To operate, the pump's electrical power supply must be connected to the mains. For this, the power supply plug of the pump must be inserted into the device's socket, which is then connected to the power source (see below Figure).In the event of a water shortage at the suction, the device will stop the pump to protect it from dry running.This malfunction is indicated by the red 'Failure' LED.If the current absorption exceeds 8 amperes, the device will stop the pump motor to protect it from over-current.This malfunctioning is indicated with the red "Failure" Led lit up.To restore normal operation to the device and the system simply press the red "Restart" button.
In case of a blackout, it will automatically rearm again several seconds after the electricity returns.