



Civil use



Agricultural use



Industrial use

TECHNICAL DATA

MODEL	Motor power (P ₂)		Rated current*
	Three-phase	kW	HP
QST 50		0.37	0.50
QST 75		0.55	0.75
QST 100		0.75	1
QST 150		1.1	1.5
QST 200		1.5	2
QST 300		2.2	3
QST 400		3	4
QST 550		4	5.5
QST 750		5.5	7.5
QST 1000		7.5	10
QST 1250		9.2	12.5
QST 1500		11	15
QST 2000		15	20
QST 2500		18.5	25
QST 3000		22	30
QST 4000		30	40
QST 5000		37	50

(*) To match the panel with the pump correctly, check that the motor's rated current comes within the value ranges given in the table

INSTALLATION AND USE

QST is a control panel for starting up and protecting three-phase 3", 4" and 6" submersible borehole pumps by level probes. It is suitable for pumping groundwater for irrigation and pressure boosting systems.

PRODUCT DESCRIPTION

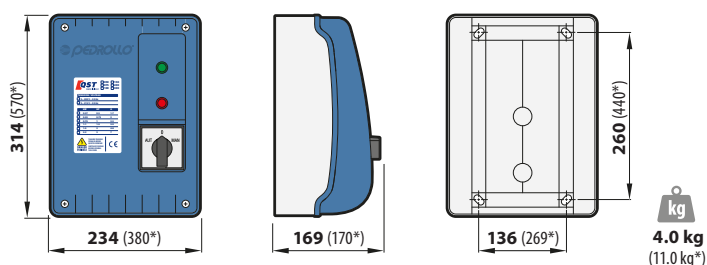
The **QST** control panel switches the pump on by the level probes, while a manual or automatic operation selector switch enables starting up the pump directly (MAN) or with a float switch or a pressure switch (AUT).

A thermal decoupler stops the pump motor in the event of a current overload, while the level probes ensure protection against dry running.

MAIN FEATURES

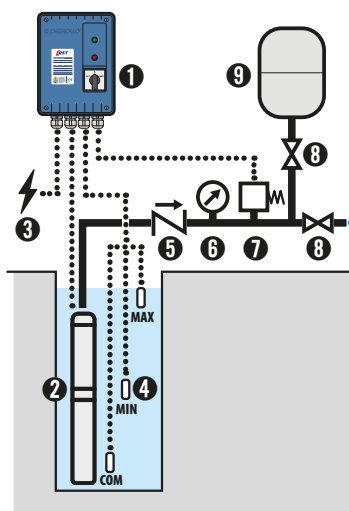
- Power supply 3~400 V $\pm 10\%$ – 50Hz
- Ambient temperature from -5 °C to +40 °C
- Relative humidity 50% at 40 °C
- Protection rating IP55
- Selector switch for manual or automatic operation (MAN-AUT)
- Green light for pump operation
- Red light for thermal/amperometric alarm
- Connection terminal board equipped with contacts for a float switch (or pressure switch) and level probes
- Adjustable thermal relay with manual reset
- 3 Level probes (supplied with the panel)
- IP55 tear-resistant cable glands

DIMENSIONS (mm)

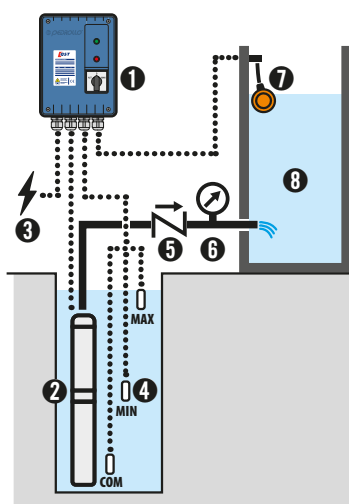


(*) Dimensions for QST 2000, 2500, 3000, 4000, 5000 panels

INSTALLATION EXAMPLES



1. Control panel **QST**
2. Borehole pump
3. Power supply
4. Level probes (COM, MIN, MAX)
5. Non-return valve
6. Pressure gauge
7. Pressure switch
8. Gate valve
9. Expansion tank



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