

QPCS Series

Single-phase electric panels for the protection and control of a 4" single-phase borehole pump.

Specifications

Automatic control through an external contactor

Supply voltage: 1 x 230 V \pm 10%

Frequency: 50 Hz

Power: 0.25 to 2.2 kW

Low voltage auxiliary circuit 12 Vac

Direct motor starting

Protection: IP54

Ambient temperature: -5 to +40 °C

(limit specified by EN standard 60439-1)

Maximum relative humidity: 50% at +40 °C provided that no condensation occurs

(limit specified by EN standard 60439-1)

Wall-mounted using supplied brackets

Plastic enclosure with see-through cover

Built-in capacitor

Main switch with thermal protector

(manual reset) and power ON indicator light

Power, pump running and dry running level indicator lights

Overvoltage protection

Dry running control through probes, float switch or minimum pressure switch

Optional accessories

Kit n° 3 electrodes (probes) without cable

Float switch

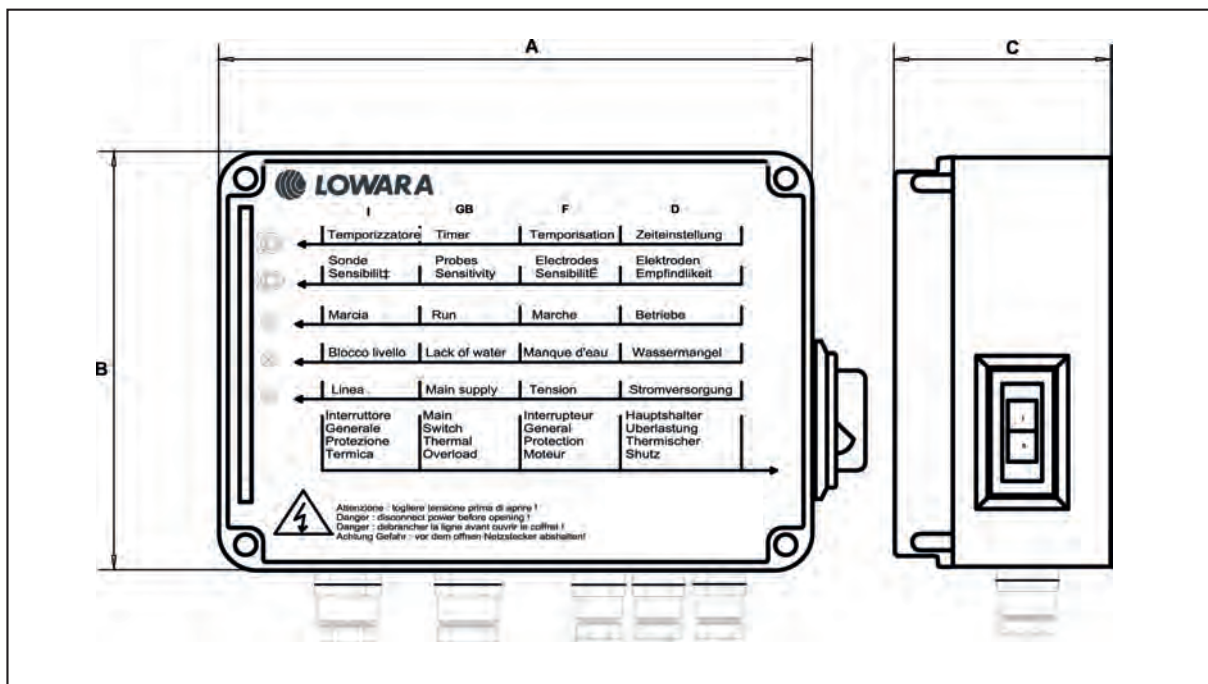
Pressure switch



For proper electric panel-electric pump selection, make sure that the Ampere input of the motor falls within the rated current range shown in the table.

For a complete list of technical information, consult www.lowara.com

QPCS SERIES



PANEL TYPE	RATED VOLTAGE V	RATED POWER		RATED CURRENT A	DIMENSIONS			WEIGHT Kg	CAPACITOR μF/450V
		kW	HP		A	B	C		
QPCS/02	1 x 230 V ± 10 %	0,25	0,33	3	200	150	80	1,3	12,5
QPCS/03	1 x 230 V ± 10 %	0,37	0,5	4	200	150	80	1,3	16
QPCS/05	1 x 230 V ± 10 %	0,55	0,75	5	200	150	80	1,3	20
QPCS/07	1 x 230 V ± 10 %	0,75	1	6	200	150	80	1,3	30
QPCS/11	1 x 230 V ± 10 %	1,1	1,5	9	200	150	80	1,3	40
QPCS/15	1 x 230 V ± 10 %	1,5	2	11	200	150	80	1,3	50
QPCS/22	1 x 230 V ± 10 %	2,2	3	16	200	150	80	1,3	70

CB-QPCS_a_te