

Q3D Series

Three-phase electric panels for the protection and control of a 4" three-phase surface or submersible pump.

Specifications

Manual control through A-0-M switch
Automatic control through an external contactor

Supply voltage: 3 x 400 V $\pm 10\%$

Frequency: 50/60 Hz

Low voltage auxiliary circuit 24 Vac

Power: 0.25 to 37 kW

Direct starting

Overload protection

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

Metal enclosure

Power - pump running - thermal overload
- dry running indicator lights

Ready for installation of dry-running control with float or pressure switch (available separately)

Electronic protection module with electrodes can be fitted

for protection against dry running (set of three electrodes included in the supply)

Float switch

Pressure switch

VR3/SCA3 three-phase module for overvoltage protection (lightning protector)



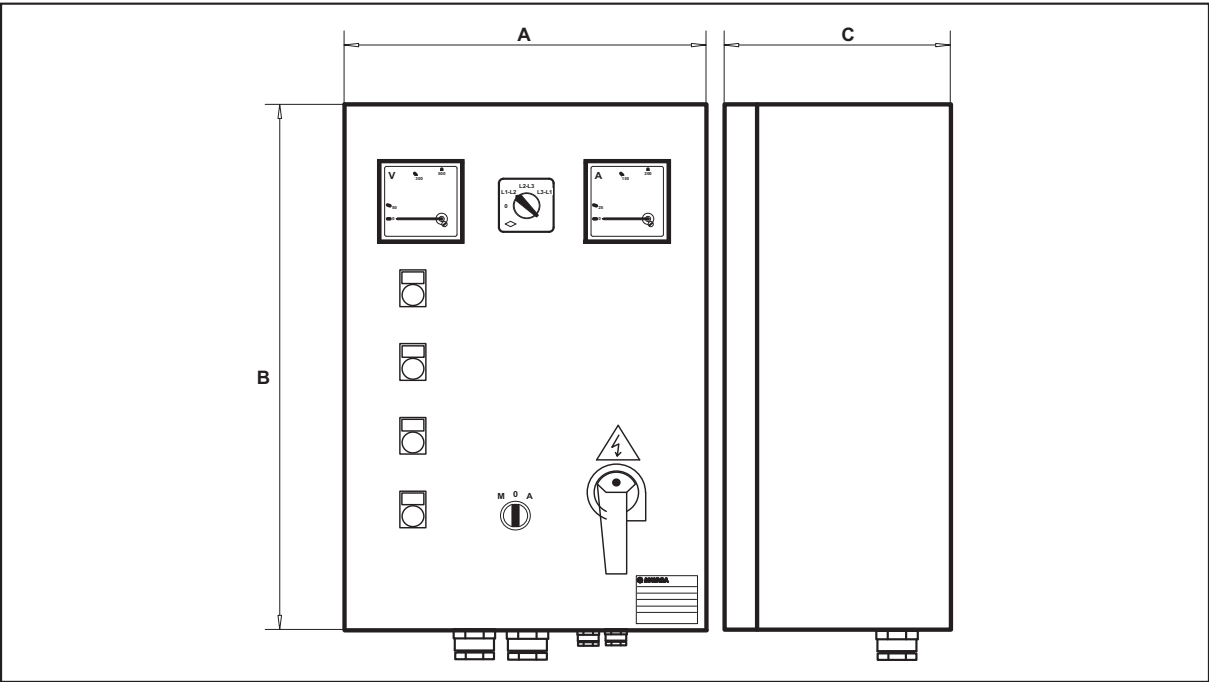
Optional accessories

SLD series 24V level kit: Probe module

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

Q3D SERIES



PANEL TYPE	RATED VOLTAGE V	RATED POWER		RATED CURRENT A	DIMENSIONS			WEIGHT Kg
		kW	HP		A mm	B mm	C mm	
Q3D/02-03	3 x 400 V ± 10 %	0,25-0,37	0,33-0,50	0,63 ÷ 1	300	400	200	15
Q3D/03-05	3 x 400 V ± 10 %	0,37-0,55	0,5-0,75	1 ÷ 1,6	300	400	200	15
Q3D/05-07	3 x 400 V ± 10 %	0,55-0,75	0,75-1	1,6 ÷ 2,5	300	400	200	15
Q3D/07-15	3 x 400 V ± 10 %	0,75-1,5	1-2	2,5 ÷ 4	300	400	200	15
Q3D/15-22	3 x 400 V ± 10 %	1,5-2,2	2-3	4 ÷ 6,3	300	400	200	15
Q3D/22-40	3 x 400 V ± 10 %	2,2-4	3-5,5	6,3 ÷ 10	300	400	200	15
Q3D/40-75	3 x 400 V ± 10 %	4-7,5	5,5-10	10 ÷ 16	300	400	200	15
Q3D/75-92	3 x 400 V ± 10 %	7,5-9,2	10-12,5	16 ÷ 20	300	400	200	15
Q3D/92-110	3 x 400 V ± 10 %	9,2-11	12,5-15	20 ÷ 25	300	400	200	20
Q3D/110-150	3 x 400 V ± 10 %	11-15	15-20	22 ÷ 32	400	500	200	20
Q3D/150-185	3 x 400 V ± 10 %	15-18,5	20-25	28 ÷ 40	400	500	200	20
Q3D/185-220	3 x 400 V ± 10 %	18,5-22	25-30	36 ÷ 50	400	600	200	27
Q3D/220-300	3 x 400 V ± 10 %	22-30	30-40	45 ÷ 63	400	600	200	27
Q3D/300-370	3 x 400 V ± 10 %	30-37	40-50	57 ÷ 75	400	600	200	27

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