



ITT

General Catalogue

motralec

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Lowara

Q3I 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: 4 to 315 kW

Impedance 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

OPTIONAL ACCESSORIES

- SLD series 24V level kit : Probe module 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)



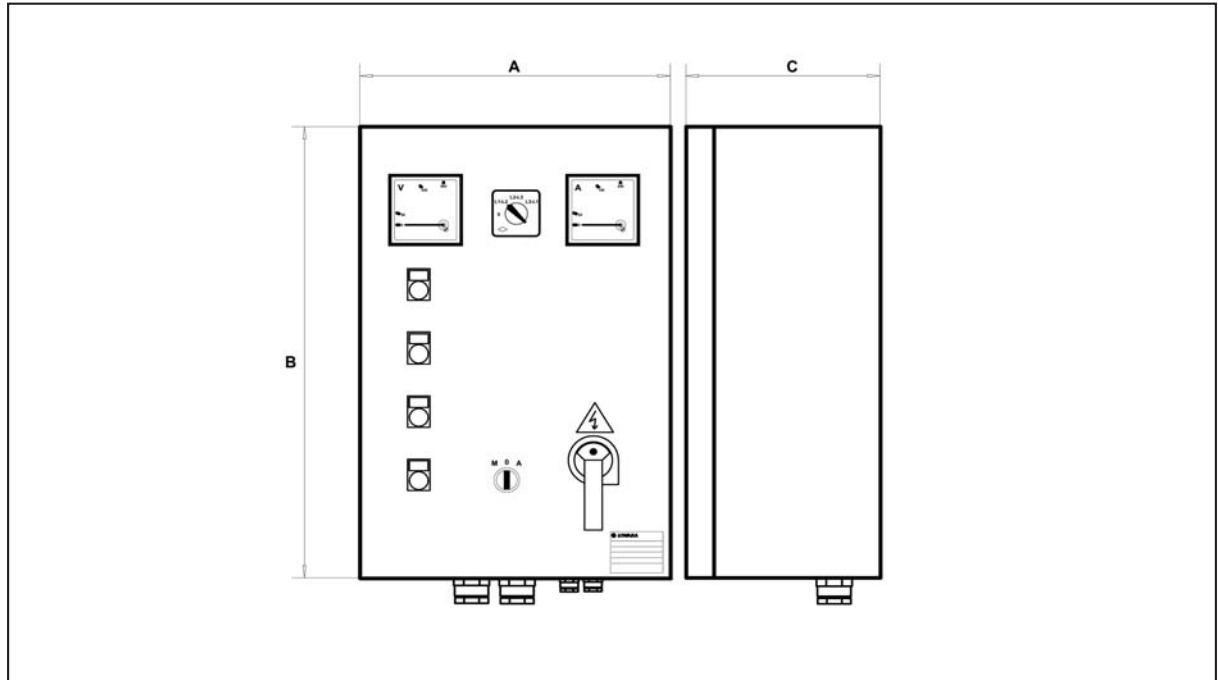
For proper electric panel-electric pump selection, make sure that the Ampere input of the motor falls within the rated current range shown in the table.

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Q3I SERIES



PANEL TYPE	RATED VOLTAGE V	RATED POWER		RATED CURRENT A	DIMENSIONS			WEIGHT Kg
		kW	HP		A mm	B mm	C mm	
Q3I/40-75	3 x 400 V ± 10 %	4-7,5	5,5-10	10 ÷ 16	400	600	250	35
Q3I/75-92	3 x 400 V ± 10 %	7,5-9,2	10-12,5	16 ÷ 20	400	600	250	35
Q3I/92-110	3 x 400 V ± 10 %	9,2-11	12,5-15	20 ÷ 25	400	600	250	35
Q3I/110-150	3 x 400 V ± 10 %	11-15	15-20	22 ÷ 32	500	700	250	50
Q3I/150-185	3 x 400 V ± 10 %	15-18,5	20-25	28 ÷ 40	500	700	250	50
Q3I/185-220	3 x 400 V ± 10 %	18,5-22	25-30	36 ÷ 50	500	700	250	50
Q3I/220-300	3 x 400 V ± 10 %	22-30	30-40	45 ÷ 63	500	700	250	65
Q3I/300-370	3 x 400 V ± 10 %	30-37	40-50	57 ÷ 75	500	700	250	65
Q3I/370-450	3 x 400 V ± 10 %	37-45	50-60	70 ÷ 90	600	900	250	65
Q3I/450-550	3 x 400 V ± 10 %	45-55	60-75	80 ÷ 108	600p	1300p	300p	100
Q3I/550-750	3 x 400 V ± 10 %	55-75	75-100	105 ÷ 138	600p	1300p	300p	100
Q3I/750-900	3 x 400 V ± 10 %	75-90	100-125	138 ÷ 185	600p	1500p	300p	100
Q3I/900-1100	3 x 400 V ± 10 %	90-110	125-150	175 ÷ 210	600p	1500p	300p	100
Q3I/1100-1320	3 x 400 V ± 10 %	110-132	150-180	210 ÷ 260	800p	1700p	400p	150
Q3I/1320-1600	3 x 400 V ± 10 %	132-160	180-218	250 ÷ 305	800p	1700p	400p	150
Q3I/1600-2000	3 x 400 V ± 10 %	160-200	218-273	290 ÷ 400	800p	1900p	400p	160
Q3I/2000-2500	3 x 400 V ± 10 %	200-250	273-340	400 ÷ 460	1000p	1900p	400p	180
Q3I/2500-3150	3 x 400 V ± 10 %	250-315	340-430	450 ÷ 580	1000p	1900p	400p	200

Dimensions note : P indicates floor mounted control panel

CB-Q3I_b_te

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