



ITT

General Catalogue

motralec

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Lowara

Q3Y 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

Star-delta 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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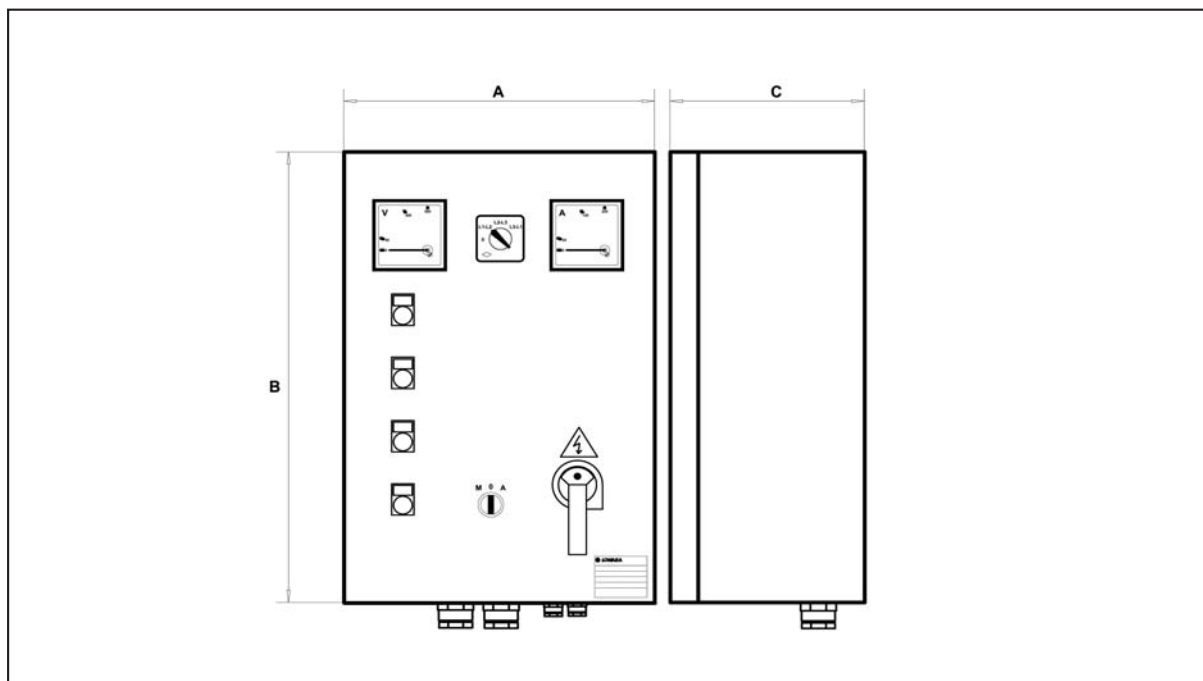


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PANEL TYPE	RATED VOLTAGE V	RATED POWER		RATED CURRENT A	DIMENSIONS			WEIGHT Kg
		kW	HP		A mm	B mm	C mm	
Q3Y/40-75	3 x 400 V $\pm 10\%$	4-7,5	5,5-10	10 $\div$ 16	400	600	200	23
Q3Y/75-92	3 x 400 V $\pm 10\%$	7,5-9,2	10-12,5	16 $\div$ 20	400	600	200	23
Q3Y/92-110	3 x 400 V $\pm 10\%$	9,2-11	12,5-15	20 $\div$ 25	400	600	200	23
Q3Y/110-150	3 x 400 V $\pm 10\%$	11-15	15-20	22 $\div$ 32	400	600	200	23
Q3Y/150-185	3 x 400 V $\pm 10\%$	15-18,5	20-25	28 $\div$ 40	400	600	200	23
Q3Y/185-220	3 x 400 V $\pm 10\%$	18,5-22	25-30	36 $\div$ 50	500	700	200	32
Q3Y/220-300	3 x 400 V $\pm 10\%$	22-30	30-40	45 $\div$ 63	500	700	200	32
Q3Y/300-370	3 x 400 V $\pm 10\%$	30-37	40-50	57 $\div$ 75	600	800	250	68
Q3Y/370-450	3 x 400 V $\pm 10\%$	37-45	50-60	70 $\div$ 90	600	800	250	80
Q3Y/450-550	3 x 400 V $\pm 10\%$	45-55	60-75	80 $\div$ 108	600	800	250	80
Q3Y/550-750	3 x 400 V $\pm 10\%$	55-75	75-100	105 $\div$ 138	600	800	250	109
Q3Y/750-900	3 x 400 V $\pm 10\%$	75-90	100-125	138 $\div$ 185	600p	1300p	300p	109
Q3Y/900-1100	3 x 400 V $\pm 10\%$	90-110	125-150	175 $\div$ 210	600p	1500p	300p	120
Q3Y/1100-1320	3 x 400 V $\pm 10\%$	110-132	150-180	210 $\div$ 260	800p	1700p	400p	130
Q3Y/1320-1600	3 x 400 V $\pm 10\%$	132-160	180-218	250 $\div$ 305	800p	1700p	400p	130
Q3Y/1600-2000	3 x 400 V $\pm 10\%$	160-200	218-273	290 $\div$ 400	800p	1900p	400p	140
Q3Y/2000-2500	3 x 400 V $\pm 10\%$	200-250	273-340	400 $\div$ 460	1000p	1900p	400p	180
Q3Y/2500-3150	3 x 400 V $\pm 10\%$	250-315	340-430	450 $\div$ 580	1000p	1900p	400p	180

Dimensions note : P indicates floor mounted control panel

CB-Q3Y_b_te

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