

# Q3A 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  
Autotransformer 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)

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Float switch

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Pressure switch

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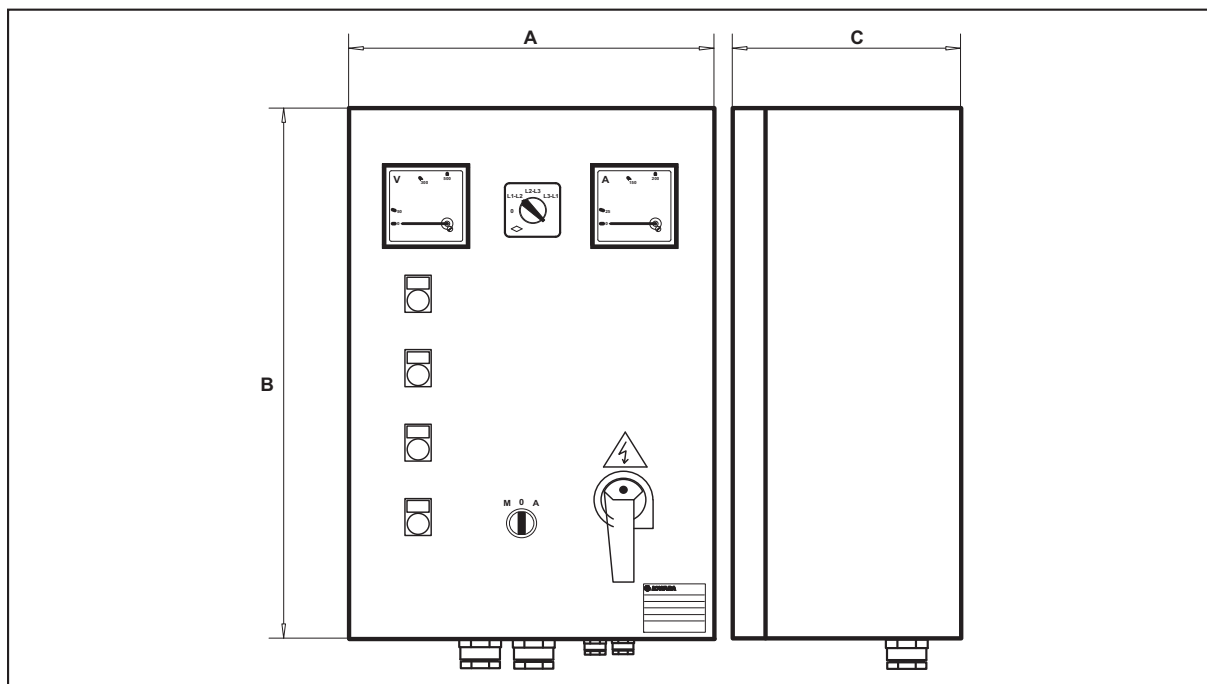
VR3/SCA3 three-phase module for overvoltage protection (lightning protector)



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.

For a complete list of technical information, consult [www.lowara.com](http://www.lowara.com)

# Q3A SERIES



MODEL	RATED VOLTAGE V	RATED POWER		RATED CURRENT A	DIMENSIONS			WEIGHT Kg
		kW	HP		A mm	B mm	C mm	
Q3A/40-75	3 x 400 V ± 10 %	4-7,5	5,5-10	10 ÷ 16	500	700	250	50
Q3A/75-92	3 x 400 V ± 10 %	7,5-9,2	10-12,5	16 ÷ 20	500	700	250	50
Q3A/92-110	3 x 400 V ± 10 %	9,2-11	12,5-15	20 ÷ 25	500	700	250	50
Q3A/110-150	3 x 400 V ± 10 %	11-15	15-20	22 ÷ 32	500	700	250	50
Q3A/150-185	3 x 400 V ± 10 %	15-18,5	20-25	28 ÷ 40	500	700	250	50
Q3A/185-220	3 x 400 V ± 10 %	18,5-22	25-30	36 ÷ 50	500	700	250	50
Q3A/220-300	3 x 400 V ± 10 %	22-30	30-40	45 ÷ 63	600	900	300	80
Q3A/300-370	3 x 400 V ± 10 %	30-37	40-50	57 ÷ 75	600	900	300	80
Q3A/370-450	3 x 400 V ± 10 %	37-45	50-60	70 ÷ 90	600p	1300p	300p	90
Q3A/450-550	3 x 400 V ± 10 %	45-55	60-75	80 ÷ 108	600p	1500p	300p	120
Q3A/550-750	3 x 400 V ± 10 %	55-75	75-100	105 ÷ 138	600p	1500p	300p	120
Q3A/750-900	3 x 400 V ± 10 %	75-90	100-125	138 ÷ 185	600p	1700p	400p	150
Q3A/900-1100	3 x 400 V ± 10 %	90-110	125-150	175 ÷ 210	800p	1900p	400p	150
Q3A/1100-1320	3 x 400 V ± 10 %	110-132	150-180	210 ÷ 260	800p	1900p	400p	200
Q3A/1320-1600	3 x 400 V ± 10 %	132-160	180-218	250 ÷ 305	800p	1900p	400p	200
Q3A/1600-2000	3 x 400 V ± 10 %	160-200	218-273	290 ÷ 400	800p	1900p	400p	230
Q3A/2000-2500	3 x 400 V ± 10 %	200-250	273-340	400 ÷ 460	1000p	1900p	400p	230
Q3A/2500-3150	3 x 400 V ± 10 %	250-315	340-430	450 ÷ 580	1000p	1900p	400p	250

Dimensions note : P indicates floor mounted control panel.

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