

Q3SF 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: 5.5 to 110 kW

Soft start with torque control

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

Dry running indicator light

Power-running-failure indicator LEDs on starter keypanel

0-1 selector switch for activation of bypass contactor

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

Electronic protection module with electrodes can be fitted

Static starter for gradual starting and stopping featuring keypanel with liquid crystal display

of three electrodes included in the supply)

Float switch

Pressure switch

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



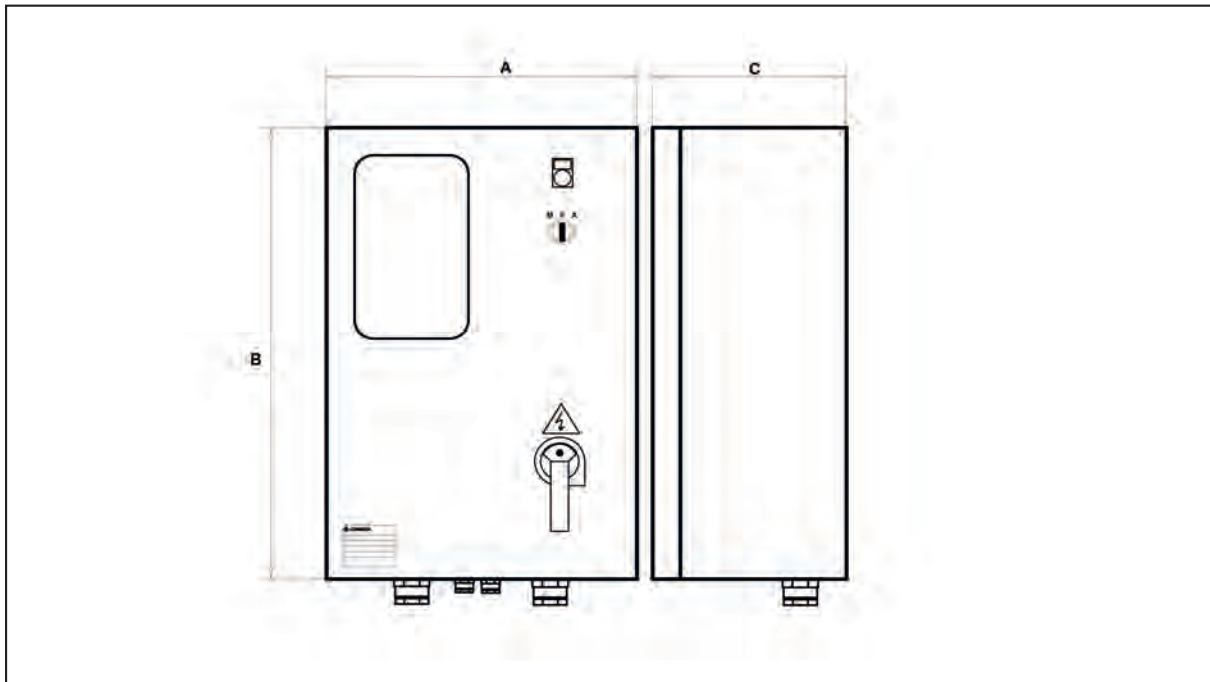
Optional accessories

SLD series 24V level kit: Probe module for protection against dry running (set

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

Q3SF SERIES



PANEL TYPE	RATED VOLTAGE V	RATED POWER		RATED CURRENT A	DIMENSIONS			WEIGHT Kg
		kW	HP		A mm	B mm	C mm	
Q3SF 75	3 x 400 V ± 10 %	5,5 - 7,5	7,5 - 10	8,5 ÷ 17	400	600	250	35
Q3SF 150	3 x 400 V ± 10 %	9,2 - 15	12,5 - 20	15 ÷ 30	500	700	250	40
Q3SF 220	3 x 400 V ± 10 %	18,5 - 22	25 - 30	28 ÷ 45	500	700	250	40
Q3SF 300	3 x 400 V ± 10 %	30	40	42 ÷ 60	600	900	300	90
Q3SF 370	3 x 400 V ± 10 %	37	50	55 ÷ 75	600	900	300	90
Q3SF 450	3 x 400 V ± 10 %	45	60	70 ÷ 85	600	900	300	90
Q3SF 550	3 x 400 V ± 10 %	55	75	80 ÷ 110	600	900	300	90
Q3SF 590	3 x 400 V ± 10 %	59	80	105 ÷ 125	600	900	300	90
Q3SF 750	3 x 400 V ± 10 %	75	100	120 ÷ 142	600p	1700p	400p	120
Q3SF 900	3 x 400 V ± 10 %	90	125	135 ÷ 190	600p	1700p	400p	120
Q3SF 1100	3 x 400 V ± 10 %	110	150	185 ÷ 245	600p	1700p	400p	120

Dimensions note : P indicates floor mounted control panel.

CB-Q3SF_b_te