

Electric control boards

PFC-T Control panel for 1 submersible pump with three-phase motor, PF control

	Type	Setting A	Motor 400V 50Hz - 3~ 380V 60Hz - 3~ kW		Dimensions HxBxP mm	kg
	PFC-T 11	1 - 11	0,37 - 4	0,37 - 4	255x200x135	1,7
	PFC-T 16	1 - 16	5,5	5,5	255x200x135	1,7

Construction

Control panel for controlling 1 submersible pump with three-phase motor. Electronic control of the operation and dry-running protection through the power factor (PF) control.

The installation of level probes into the well is not required.

It stops the pump in case of lack of air cushion in the pressure vessel (patented system) Displayed operating data and alarms, available in four languages.

QTL 1 FT Control panel for 1 pump with three-phase motor, direct starting

	Type	Motor 400V - 3~ kW	Setting A	Dimensions HxBxP mm
	QTL 1 FT 0,55	0,37 - 0,45 - 0,55	1 - 1,6	200x255x170
	QTL 1 FT 1,1	0,75 - 1,1	1,6 - 2,5	200x255x170
	QTL 1 FT 1,5	1,5	2,5 - 4	200x255x170
	QTL 1 FT 3	2,2 - 3	4 - 6,5	200x255x170
	QTL 1 FT 4	4	6,3 - 10	200x255x170
	QTL 1 FT 5,5	5,5	9 - 12	200x255x170
	QTL 1 D 7,5 FT	7,5	13 - 18	400x300x160
	QTL 1 D 9,2 FT	9,2	17 - 23	400x300x160
	QTL 1 D 11 FT	11	20 - 25	400x300x160

Construction

Control panel for 1 pump with three-phase motor, direct starting for pressure booster sets, with a patented working time-measuring system that stops the pump in case of lack of air cushion in the pressure vessel.

Pump operation controlled by an electronic card type MP 1000 with microprocessor which allows three different modes of operation of the pump: standard, emergency and timed.

Dry-running protection with float switch.

Arranged for SRL 3 level control application for probes connection against dry-running.

QTL 1 D FTE Control panel for 1 pump with three-phase motor, direct starting

	Type	Motor 400V - 3~ kW	Setting A	Dimensions HxBxP mm
	QTL 1 D 4 FTE	4	6,3 - 10	400x300x160
	QTL 1 D 5,5 FTE	5,5	9 - 12	400x300x160
	QTL 1 D 7,5 FTE	7,5	13 - 18	400x300x160
	QTL 1 D 9,2 FTE	9,2	17 - 23	400x300x160
	QTL 1 D 11 FTE	11	20 - 25	400x300x160
	QTL 1 D 15 FTE	15	24 - 32	500x350x200
	QTL 1 D 18,5 FTE	18,5	32 - 38	500x350x200
	QTL 1 D 22 FTE	22	35 - 50	500x350x200
	QTL 1 D 30 FTE	30	46 - 65	500x350x200

Construction

Electromechanical control panel for 1 pump with three-phase motor, direct starting.

Operating signals by E 1000 led card.

Dry-running protection with float switch.

Construction with SRLE level control for probes connection against dry-running on request .

QTL 1 ST FT Control panel for 1 pump with three-phase motor, Y/Δ starting

	Type	Motor 400V - 3~ Power kW		Current A	Dimensions HxBxP mm
	QTL 1 ST 5,5 FT	5,5		11 - 15	600x400x200
	QTL 1 ST 7,5 FT	7,5		12 - 17	600x400x200
	QTL 1 ST 11 FT	9,2 - 11		16 - 24	600x400x200
	QTL 1 ST 15 FT	15		23 - 31	600x400x200
	QTL 1 ST 18,5 FT	18,5		30 - 39	600x400x200
	QTL 1 ST 22 FT	22		35 - 43	700x500x200
	QTL 1 ST 30B FT	30		42 - 55	700x500x200
	QTL 1 ST 30A FT	30		55 - 65	700x500x200
	QTL 1 ST 37 FT	37		61 - 84	800x600x250
	QTL 1 ST 45 FT	45		80 - 105	800x600x250

Construction

Control panel for 1 pump with three-phase motor, Y/Δ starting for pressure booster sets, with a patented working time-measuring system that stops the pump in case of lack of air cushion in the pressure vessel.

Pump operation controlled by an electronic card type MP 1000 with microprocessor which allows 3 different pump operating modes: standard, emergency and timed.

Dry-running protection with float switch.

Arranged for SRL 3 level control application for probes connection against dry-running on request.