# QM, QT

## **Electric control boards**



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

Mot D	Туре	Setting <b>A</b>	400V 50Hz - 3~ <b>kW</b>	otor 380V 60Hz - 3~ <b>kW</b>	Dimensions HxBxP mm	kg
	PFC-T 11	1 - 11	0,37 - 4	0,37 - 4	255x200x135	1,7
A	PFC-T 16	1 - 16	5,5	5,5	255x200x135	1,7
Same o						

#### 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

	Туре	Motor 400V - 3~ <b>kW</b>	Setting <b>A</b>	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

	Туре	Motor 400V - 3~ <b>kW</b>	Setting <b>A</b>	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

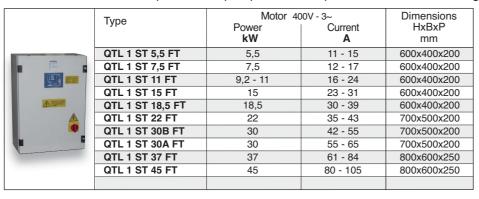
Electromechanical control panel for 1 pump with three-phase motor, direct starting.

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/∆ starting



# Construction

Control panel for 1 pump with three-phase motor,  $Y/\Delta$  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 wicht 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.