

ELECTRIC CONTROL PANEL TYPE Q3PT-CE, Q3PTD-CE WITH A MICROPROCESSOR, WITH AMPEROMETRIC PROTECTION, TO OPERATE 3 TRIPHASE PRESSURIZED OR DRAINAGE ELECTROPUMPS (WITH TWO DIFFERENT PROGRAMM)

new

The microprocessor control panel type **Q3PT-CE, Q3PTD-CE** with amperometric protection has been designed in an easy and modern way to command and control, by means of a micro processor card, the working of two triphase pumps, either pressurization or drainage. The control panel type **Q3PT/CE50 –1000, Q3PTD-CE 50-1000** has been built to cover the whole range of electric pumps from **0.33KW to 7.5KW** (three-phase). This allows us to have a single type of control panel, which can be used for all the different sizes of motor in commercial use. A pressure transducer, type **TP1** and produced by us, is required in order to use the control panel with the characteristics described below. This system solves the problem of setting the manometer and the two pressostats to command the respective pumps as the reading of the pressure (shown on the display) and the command of the pumps takes place through the pressure transducer fixed on the manifold.

CHARACTERISTICS

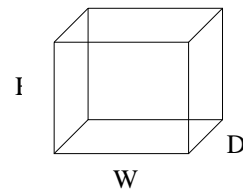
- ✓ Box in thermoplastic material IP 55
- ✓ Mother card with electronic parts
- ✓ Amperometric protection
- ✓ Micro processor electronic card with LCD with the possibility to show, if the pumps have been preset through the respective gear buttons, the voltage, electrical input from the motors. Visualisation of the settings, for example min and max pressure, level pressure (min.max level), cavitation pressure, waiting time to start pump2 and pump 3, time interval pump 2 and pump 3, settings of the input of the respective motors 1, 2and 3. Alarms: for example excessive electrical input in the motors 1, 2 and 3, lack of water, errors in the data settings, minimum network voltage.
- ✓ Tension feed 3~ 50/60 Hz ± 10%
- ✓ Entrance in low voltage (12V cc.)
- ✓ Exchange circuit of starting sequence for the motors, integrated on the electric card
- ✓ Circuit to control sequence or missing phases
- ✓ 1 led line, white
- ✓ 3 led march pumps, green
- ✓ Led generic alarms, red
- ✓ 3 gear buttons
- ✓ 3 stop buttons
- ✓ 3 selectors Ø 22 for automatic-off- manual working
- ✓ Fuses for the protection of the motors and auxiliary
- ✓ 3 contact breakers to control the engines
- ✓ General selector with lock door
- ✓ Entry and exit of the cables by means of anti tear cables

USE CONDITIONS

- ✓ Degree of protection : IP55
- ✓ Field of operation : -5°C + 40°C
- ✓ Relative humidity : 50% with temperature of 40°C

OPTIONAL: PRESSURE TRANSDUCER TYPE TP1 OR CONTROL LEVEL TRANSDUCER TYPE TDL1

CODE 700310 till 700312



DIME OF IMPLANTATION H= 329mm W= 248mm

CODE	CONTROL PANEL TYPE	MAX. POWER TO 230 V. TRIPHASE		MAX. POWER TO 400 V. TRIPHASE		MAX AMPEROMETRIC PROTECTION (ADJUSTABLE)	DIMENSIONIS IN mm			WEIGHT Kg
		KW	HP	KW	HP		H	W	D	
700310	Q3PT/CE 50÷400 – Q3PTD/CE 50÷400	1,5	2	3	4	25A	380	305	135	5,30
700311	Q3PT/CE 550÷750 – Q3PTD/CE 550÷750	3	4	5,5	7,5	25A	380	305	135	5,30
700312	Q3PT/CE 1000 – Q3PTD/CE 1000	4	5,5	7,5	10	25A	380	305	135	5,50