

QT2 SERIES



CONTROL PANELS FOR 2 THREE PHASE MOTOR PUMPS DIRECT STARTING WITH THERMAL PROTECTION FOR WASTEWATER

Three phase electromechanical control panel for two motor pumps.

TECHNICAL DATA

- Power supply 3 ~ 50/60Hz 400V ± 10%
- Main disconnecting switch with door lock
- Transformer for power supply of auxiliary circuits
- Contactor (for each motor)
- Exchanger
- Protection degree IP 55

INPUTS

- No. 6 extra low voltage inputs for:
 - Emergency stop SL / SP STOP (e.g., float switches for protection from dry operation), active in both AUTOMATIC and MANUAL modes
 - Functional start and stop SL / SP 1 (e.g.: control float switches)
 - Maximum level alarm SL / SP MAX
 - Engine block due to temperature sensor tripping

CONTROLS AND SIGNALS

- Selector switch for OFF-AUTOMATIC-MANUAL operation
- No. 5 indicator lights for the signaling of:
 - Presence of power supply
 - Motor pump 1 or 2 running
 - Motor protection tripping 1 or 2

PROTECTION AND ALARMS

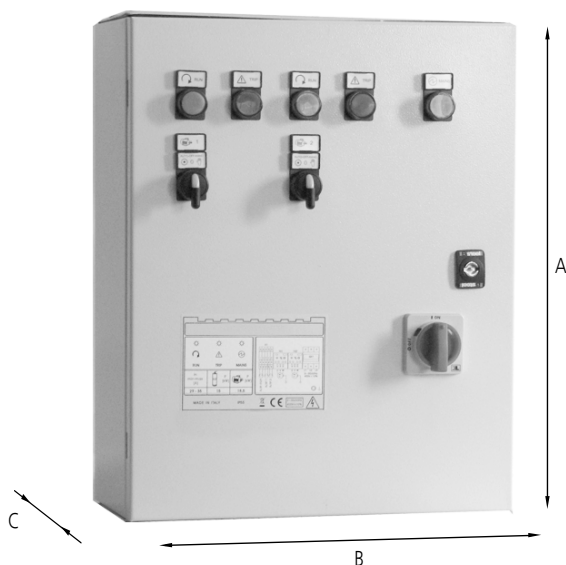
- Thermal relay sensitive to the lack of phase internally resettable;
- Motor protection fuses
- Protection fuses on the auxiliary circuits
- Alarm output 24Vac active in case of overload protection tripping or maximum level reached
- Engine block due to temperature sensor tripping

OPERATING CONDITIONS

- Ambient temperature -5 / +40°C
- Relative humidity 50% with maximum temperature 40°C

NOTES

- The power value is indicative in order for you to choose the correct control panel, make sure that the motor ampere absorption is included between the two operating current values of the control panel
- Casing made of thermoplastic material (P) up to 23A, metal (M) for sizes above 29 ÷ 135A



The contents of this publication must not be regarded as binding. EBARA Pumps Europe S.p.A. reserves the right to effect any modification it deems necessary, without prior notice.

ELECTRICAL SPECIFICATION

Model Three-phase 400V +10-15% - 50Hz	HP	kW	Nominal current [A]	Protection range [A]	Dimensions [mm]			Weight [kg]
					A	B	C	
QTDE 20/3A-T-AR *	1,5	1,1	1,9÷3	2÷3,3	460	380	150	8,5
QTDE 20/4,5A-T-AR *	2	1,5	2,9÷4,5	3÷5	460	380	150	8,5
QTDE 20/7A-T-AR *	4	3	4,3÷6,8	4,5÷7,5	460	380	150	8,5
QTDE 20/9A-T-AR *	6	4	5,7÷9,1	6÷10	460	380	150	8,5
QTDE 20/14A-T-AR *	8	5,5	8,6÷13,5	9÷15	460	380	150	9,5
QTDE 20/17A-T-AR *	10	7,5	12,5÷16,5	13÷18	460	380	150	9,5
QTDE 20/21A-T-AR *	12	9	16÷21	17÷23	460	380	150	9,5
QTDE 20/23A-T-AR *	15	11	19÷23	20÷25	460	380	150	9,5
QTDE 20/29A-T-AR *	20	15	22÷29	24÷32	460	380	150	21

* Direct start