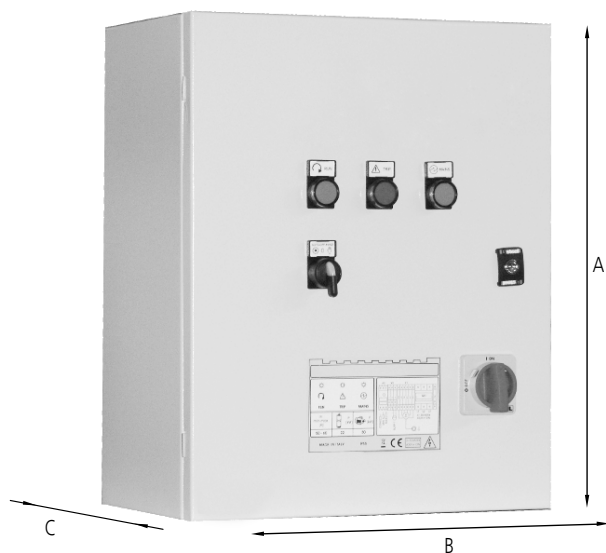




CONTROL PANELS FOR 1 THREE PHASE MOTOR PUMP START DELTA START WITH THERMAL PROTECTION

Three phase electromechanical control panel for one motor pump.



TECHNICAL DATA

- Power supply 3 ~ 50/60Hz 400V ± 10%
- Main disconnecting switch with door lock
- Transformer for power supply of auxiliary circuits
- Contactors
- Timer changeover Wye-Delta adjustable (0,1 ÷ 600s)
- Degree of protection IP 55

INPUTS

- No. 4 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
 - Engine block due to temperature sensor tripping

CONTROLS AND SIGNALS

- Selector switch for OFF-AUTOMATIC-MANUAL operation
- No. 3 indicator lights for the signaling of:
 - Presence of power supply
 - Motor pump is running
 - Protection tripping

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 for 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 28A, metal (M) for sizes above 36 ÷ 860A

ELECTRICAL SPECIFICATION

Model Three-phase 400V +10-15% - 50Hz	HP	kW	Nominal current [A]	Protection range ** [A]	Dimensions [mm]			Weight [kg]
					A	B	C	
QTSE 10/12A-T-AR *	6	4	7,5÷12	4,5÷7,5	460	380	160	6
QTSE 10/16A-T-AR *	10	7,5	10÷16	6÷10	460	380	160	6
QTSE 10/23A-T-AR *	12	9	15÷23	9÷15	460	380	160	6
QTSE 10/28A-T-AR *	15	11	21÷28	13÷18	460	380	160	8,5
QTSE 10/36A -T-AR *	20	15	27÷36	17÷23	460	380	160	8,5
QTSE 10/39A-T-AR *	22	18,5	33÷39	20÷25	500	400	230	21
QTSE 10/50A-T-AR *	30	22	38÷50	24÷32	500	400	230	21
QTSE 10/60A-T-AR *	40	30	50÷60	32÷38	500	400	230	21
QTSE 10/78A-T-AR *	50,5	37	57÷78	35÷50	500	400	230	21
QTSE 10/100A-T-AR *	75	55	75÷100	46÷65	700	500	250	36
QTSE 10/130A-T-AR *	95,5	70	98÷130	60÷82	700	500	250	36
QTSE 10/195A-T-AR *	150	110	120÷195	75÷125	700	500	250	36

* Star/Delta start

** 58% of nominal current