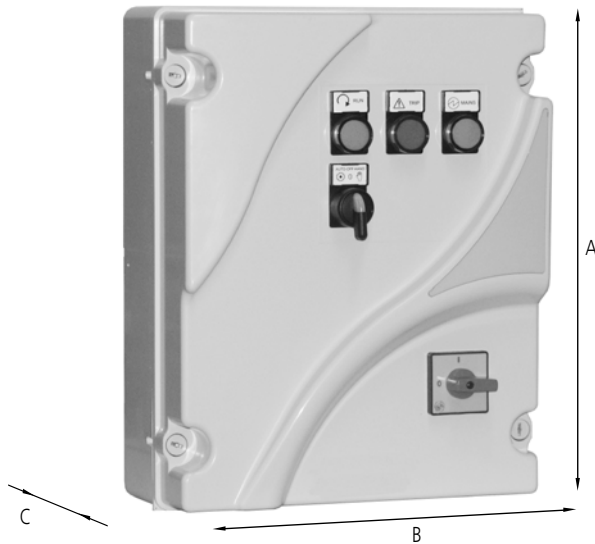


QM1 SERIES



ELECTROMECHANICAL CONTROL PANELS FOR ONE SINGLE PHASE MOTOR PUMP 230V WITH THERMAL PROTECTION FOR WASTEWATER



Single phase electromechnical control panel for one motor pump.

TECHNICAL DATA

- Power supply 1~ 50/60Hz 230V $\pm 10\%$
- Main disconnecting switch with door lock
- Transformer for power supply of auxiliary circuits
- Contactor
- Protection degree IP 55

INPUTS

- No. 4 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 for operation AUTOMATIC-OFF-MANUAL
- 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 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)
- Prearrangement for starting capacitor

ELECTRICAL SPECIFICATION

Model Single-phase 230V +10-15% - 50Hz	HP	kW	Nominal current [A]	Protection range [A]	Dimensions [mm]			Weight [kg]
					A	B	C	
QMDE10/4,5A-T-AR	0,50	0,37	2,9÷4,5	3÷5	380	300	150	4
QMDE10/7A-T-AR	1	0,75	4,3÷6,8	4,5÷7,5	380	300	150	4
QMDE10/9A-T-AR	1,5	1,10	5,7÷9,1	6÷10	380	300	150	4
QMDE10/14A-T-AR	2	1,5	8,6÷13,5	9÷15	380	300	150	4
QMDE10/17A-T-AR	3	2,2	12,5÷16,5	13÷18	380	300	105	4