

QT1 SERIES

ELECTROMECHANICAL ENCLOSURES FOR DRAINAGE AND SEWER PUMPS, SURFACE AND SUBMERSIBLE

Three phase electromechanical enclosure for an electric pump.
Drainage/Sewer - Surface - Submersible.

TECHNICAL DATA

- Power supply 3~ 50/60Hz 400V $\pm 10\%$
- Master power switch with door interlock
- Transformer for control circuit power
- Contactor
- Protection rating IP55

INPUTS

- 4 very low voltage inputs for:
 - emergency stop SL/SP STOP (e.g.: float switch to protect against dry running) active in both AUTOMATIC and MANUAL modes
 - functional start/stop SL/SP 1 (e.g.: control float switch)
 - max level alarm SL/SP MAX
 - motor stopped by thermal cutout

COMMANDS AND SIGNALS

- AUTOMATIC-OFF-MANUAL switch
- 3 warning lamps:
 - Power on
 - Pump running
 - Protection device tripped

ALARMS AND PROTECTION DEVICES

- Thermal relay sensitive to phase loss, internal re-arm
- Motor fuses
- Control circuit fuses
- 24V AC alarm output, excited when overload or max level protection trips
- Motor stopped by thermal cutout

CONDITIONS OF SERVICE

- Ambient temperature -5 / +40 °C
- Relative humidity 50% with max temp. 40°C

NOTES

- The power rating is approximate; or a correct selection of the enclosure check that the motor's power draw (amps) is within the enclosure's operating current range
- Thermoplastic housing (P)



ELECTRICAL DATA TABLE

Model	V~50/60Hz	Nominal current [A]	kW	Weight [kg]	Dimensions [mm]		
					A	B	C
ENCLOSURE QTDE10/4A-T-AR -1*	3~400	2.8-3.8	1.1	6	385	305	160
ENCLOSURE QTDE10/5A-T AR -1*	3~400	3.8-5.2	1.5	6	385	305	160
ENCLOSURE QTDE10/7A-T-AR -1	3~400	5.2-6.9	2.2	6	385	305	160
ENCLOSURE QTDE10/9A-T-AR -1*	3~400	6.9-9.1	3	6	385	305	160
ENCLOSURE QTDE10/12A-T-AR -1*	3~400	9.1-12	4	6.5	385	305	160
ENCLOSURE QTDE10/15A-T-AR -1*	3~400	12-14.5	5.5	6.5	385	305	160
ENCLOSURE QTDE10/18A-T-AR -1*	3~400	14.5-18	7.5	6.5	385	305	160
ENCLOSURE QTDE10/22A-T-AR -1*	3~400	18-22	9	6.5	385	305	160
ENCLOSURE QTDE10/26A-T-AR -1*	3~400	22-26	11	6.5	385	305	160
ENCLOSURE QTDE10/32A-T-AR -1*	3~400	26-32	13	8	385	305	160

* Direct starting