

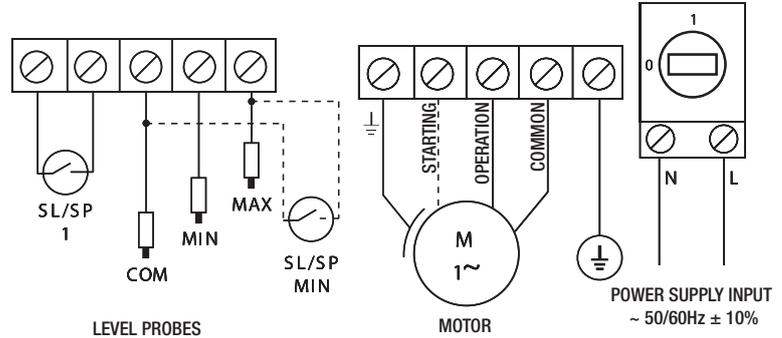
QA/50B

Single phase Control panel
Direct for 1 motor pump
up to 2.2 kW Ammetric
protection



CONTROL PANELS AND STARTERS FOR ONE SINGLE PHASE MOTOR PUMP 230 V WITH AMMETRIC PROTECTION AND LEVEL CONTROL

CONNECTIONS



GENERAL CHARACTERISTICS:

- Control panel with electronic components;
- Power supply 230V ~ 50/60Hz ± 10%;
- Extra low voltage input for external control from: pressure switch or float switch;
- Extra low voltage input for probes, pressure switch or minimum float against dry operation or too full;
- Selector switch for pressure switch or minimum float (NC or NO contacts) or in the case of probes for FILLING OR EMPTYING;
- LED light motor running (on) or motor protection (flashing);
- Selector switch for off-automatic-manual operation (this command has an automatic return
- Electronic protection with adjustable current;
- Time Trip Delay Protection approximately 3s;
- Motor protection fuses;
- Main disconnecting switch with door lock;
- Casing made of thermoplastic material;
- Protection degree IP 50.

READY FOR THE APPLICATION OF:

- KCC/...: Kit capacitor wired (Optional, depending on motor used) (see SEC. 8 - ACCESSORIES FOR CONTROL PANELS
- MIC/1E-..V-2U in 3 versions (See SEC. 7 - ADDITIONAL EQUIPMENT):
interface module for control from an external device with power supply with 12V or 24V ~ ~ ~ or 230V clean output contacts.

NOTE: you can use instead of the probes No. 2 float switches 1 OFF and 1 ON.

PROTECTION DEGREE IP 55 OPTIONAL:

- Switch cap, cod. 644.344;
- Button cap, cod. 644.345 (for model AA/50B).

ELECTRONIC SPARE PARTS:

- Motherboard, cod. 31316;
- Synoptic panel:
QA/50B 20 31604;
AA/50B, cod. 316.14.

OPERATING CONDITIONS:

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

TECHNICAL SPECIFICATIONS AND POWER OF USE

MODEL	CODE	POWER INDICATIVE AT 230V kW	POWER INDICATIVE AT 230V Hp	OPERATING CURRENT (A) MIN	OPERATING CURRENT (A) MAX	WEIGHT KG	DIMENSIONS mm A	DIMENSIONS mm B	DIMENSIONS mm P
QA/50B	233.13	0,37 - 2,2	0,5 - 3	2	18	1.5	220	255	130
* AA/50B	233.03	0,37 - 2,2	0,5 - 3	2	18	1.5	220	255	115

* GENERAL CHARACTERISTICS: Features, arrangements, parts and service conditions are identical to the series QA/50B but without the "door interlock main disconnector."

NOTES:
in general the power value given is indicative. In order to choose the control panel correctly make sure that motor ampere absorption is included between the two operating current values of the control panel.
For other versions, please consult our technical / business department.
MANIERO ELETTRONICA reserves the right to modify products without prior notice.
The application of modules can lead to changes in the size of the casing and the cost of the control panel.

