

# Q3Y Series

Three-phase electric panels for the protection and control of a 4" three-phase surface or submersible pump.

## Specifications

Manual control through A-0-M switch  
Automatic control through an external contactor

Supply voltage: 3 x 400 V  $\pm 10\%$

Frequency: 50/60 Hz

Low voltage auxiliary circuit 24 Vac

Power: 4 to 315 kW

Star-delta starting

Overload protection

Protection: IP54

Ambient temperature: -5 to +40 °C  
(limit specified by EN standard 60439-1)

Maximum relative humidity: 50% at +40°C provided that no condensation occurs (limit specified by EN standard 60439-1)

Wall mounted

Metal enclosure

Power - pump running - thermal overload  
- dry running indicator lights

Ready for installation of dry-running control with float or pressure switch (available separately).

Electronic protection module with electrodes can be fitted

for protection against dry running (set of three electrodes included in the supply)

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Float switch

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Pressure switch

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VR3/SCA3 three-phase module for overvoltage protection (lightning protector)



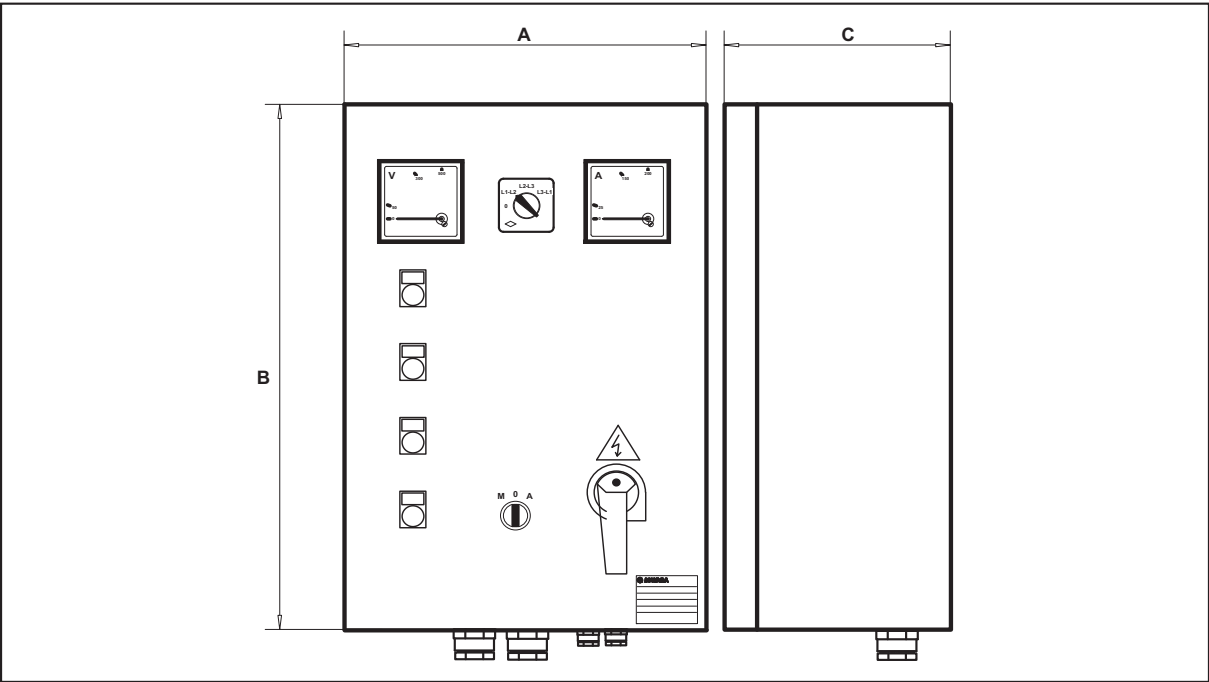
## Optional accessories

SLD series 24V level kit: Probe module

For proper electric panel-electric pump selection, make sure that the Ampere input of the motor falls within the rated current range shown in the table.

For a complete list of technical information, consult [www.lowara.com](http://www.lowara.com)

# Q3Y SERIES



| MODEL         | RATED<br>VOLTAGE<br>V | RATED<br>POWER |         | RATED<br>CURRENT<br>A | DIMENSIONS |         |         | WEIGHT<br>Kg |
|---------------|-----------------------|----------------|---------|-----------------------|------------|---------|---------|--------------|
|               |                       | kW             | HP      |                       | A<br>mm    | B<br>mm | C<br>mm |              |
| Q3Y/40-75     | 3 x 400 V ± 10 %      | 4-7,5          | 5,5-10  | 10 ÷ 16               | 400        | 600     | 200     | 23           |
| Q3Y/75-92     | 3 x 400 V ± 10 %      | 7,5-9,2        | 10-12,5 | 16 ÷ 20               | 400        | 600     | 200     | 23           |
| Q3Y/92-110    | 3 x 400 V ± 10 %      | 9,2-11         | 12,5-15 | 20 ÷ 25               | 400        | 600     | 200     | 23           |
| Q3Y/110-150   | 3 x 400 V ± 10 %      | 11-15          | 15-20   | 22 ÷ 32               | 400        | 600     | 200     | 23           |
| Q3Y/150-185   | 3 x 400 V ± 10 %      | 15-18,5        | 20-25   | 28 ÷ 40               | 400        | 600     | 200     | 23           |
| Q3Y/185-220   | 3 x 400 V ± 10 %      | 18,5-22        | 25-30   | 36 ÷ 50               | 500        | 700     | 200     | 32           |
| Q3Y/220-300   | 3 x 400 V ± 10 %      | 22-30          | 30-40   | 45 ÷ 63               | 500        | 700     | 200     | 32           |
| Q3Y/300-370   | 3 x 400 V ± 10 %      | 30-37          | 40-50   | 57 ÷ 75               | 600        | 800     | 250     | 68           |
| Q3Y/370-450   | 3 x 400 V ± 10 %      | 37-45          | 50-60   | 70 ÷ 90               | 600        | 800     | 250     | 80           |
| Q3Y/450-550   | 3 x 400 V ± 10 %      | 45-55          | 60-75   | 80 ÷ 108              | 600        | 900     | 250     | 80           |
| Q3Y/550-750   | 3 x 400 V ± 10 %      | 55-75          | 75-100  | 105 ÷ 138             | 600p       | 1300p   | 300p    | 109          |
| Q3Y/750-900   | 3 x 400 V ± 10 %      | 75-90          | 100-125 | 138 ÷ 185             | 600p       | 1300p   | 300p    | 109          |
| Q3Y/900-1100  | 3 x 400 V ± 10 %      | 90-110         | 125-150 | 175 ÷ 210             | 600p       | 1500p   | 300p    | 120          |
| Q3Y/1100-1320 | 3 x 400 V ± 10 %      | 110-132        | 150-180 | 210 ÷ 260             | 800p       | 1700p   | 400p    | 130          |
| Q3Y/1320-1600 | 3 x 400 V ± 10 %      | 132-160        | 180-218 | 250 ÷ 305             | 800p       | 1700p   | 400p    | 130          |
| Q3Y/1600-2000 | 3 x 400 V ± 10 %      | 160-200        | 218-273 | 290 ÷ 400             | 800p       | 1900p   | 400p    | 140          |
| Q3Y/2000-2500 | 3 x 400 V ± 10 %      | 200-250        | 273-340 | 400 ÷ 460             | 1000p      | 1900p   | 400p    | 180          |
| Q3Y/2500-3150 | 3 x 400 V ± 10 %      | 250-315        | 340-430 | 450 ÷ 580             | 1000p      | 1900p   | 400p    | 180          |

Dimensions note : P indicates floor mounted control panel.

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