

# QCL10 Series

Level control panel.  
Accessory for electric pump control panels, suitable for tank filling or drainage applications or for activation of sound or visual alarms.

## Specifications

Automatic control through probes  
Power supply: 1 x 230 V  $\pm 10\%$  o  
1 x 24 V  $\pm 10\%$   
Frequency: 50/60 Hz  
Voltage to probes: 15 Vac at  
0.5 mA max.  
Protection: IP55  
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  
Plastic enclosure  
Electrodes suitable for water at a  
maximum temperature of 40°C  
Set of three electrodes included in supply

## Optional accessories

Drop cable with circular cross-section  
For connecting electrodes to the panel,  
the following cross-sections are  
recommended:

PANEL TYPE		CABLE CROSS SECTION
m		mm <sup>2</sup>
0	50	0,5
50	100	0,8
100	200	1,0
200	400	2,5
400	>	4,0

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Three-pole cables can be used for short lengths.

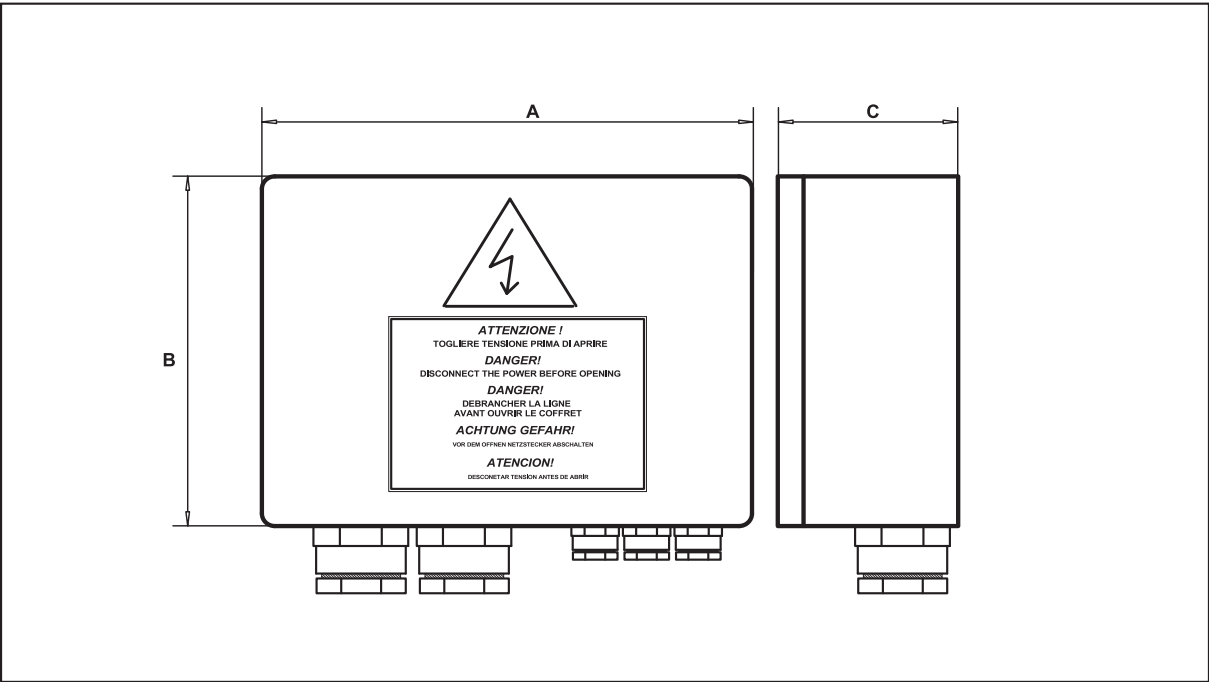
Otherwise, one-pole cables placed at suitable distances from each other should be used to prevent the capacitive effect of the cable from interfering with the proper operation of the electronic module.



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)

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PANEL TYPE	POWER INPUT		CLASS	CONTACTOR		DIMENSIONS A x B x C mm	WEIGHT Kg
	MAIN	SECONDARY		DELIVERY			
	V	V					
QCL10/24	1x230 50/60 Hz	1x 24 50/60 Hz	AC3	230	9	170 x 170 x 130	1
QCL10/230	1x230 50/60 Hz	-					

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