



Civil use



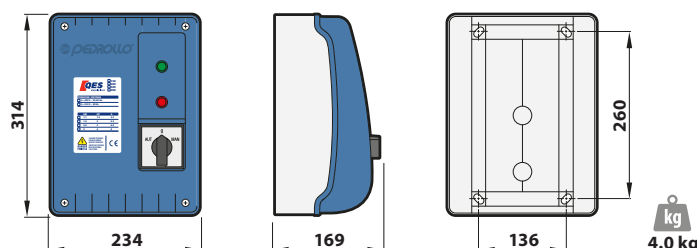
Industrial use

### TECHNICAL DATA

MODEL Three-phase	Motor power (P <sub>2</sub> )		Rated current*
	kW	HP	
QES 150	1.1	1.5	4.2 A
QES 200	1.5	2	5.2 A
QES 300	2.2	3	6.5 A
QES 400	3	4	8 A

(\*) To match the panel with the pump correctly, check that the motor's rated current comes within the value ranges given in the table

### DIMENSIONS (mm)



### INSTALLATION AND USE

**QES** is a control panel designed for starting up and protecting a three-phase submersible pump, recommended for the VXC, VXC-F, MC, MC-F series.

It is suitable for any wastewater lifting system or for draining clear water in residential, commercial buildings and industrial plants.

### PRODUCT DESCRIPTION

The **QES** control panel is equipped with a selector switch for manual or automatic operation, which permits starting up the pump directly (MAN) or with a float switch (AUT).

The panel is equipped with a thermal relay for current overload protection and is also designed for connecting the thermal protection, installed in the pump winding, which ensures protection against motor overheating

### MAIN FEATURES

- Power supply **3~400 V ±10% – 50Hz**
- Ambient temperature from **-5 °C to +40 °C**
- Relative humidity **50% at 40 °C**
- Protection rating **IP55**
- Selector switch for manual or automatic operation (MAN-AUT)
- Green light for pump operation
- Red light for thermal/amperometric alarm
- Connection terminal board equipped with contacts for a float switch and a thermal protector
- Adjustable thermal relay with manual reset
- IP55 tear-resistant cable glands

### INSTALLATION EXAMPLES

