

CONTROL BOXES

QEM - CONTROL BOXES FOR 4" SINGLE-PH. BOREHOLE PUMPS



MODEL	CODE	MOTOR POWER (P ₂)		CAPACITOR	RATED CURRENT A
		kW	HP	CAPACITANCE	
Single-phase					
QEM 050	530ECN05A1	0.37	0.50	20 µF	5
QEM 075	530ECN07A1	0.55	0.75	25 µF	6
QEM 100	530ECN10A1	0.75	1	35 µF	7
QEM 150	530EC15A1	1.1	1.5	40 µF	11
QEM 200	530ECN20A1	1.5	2	60 µF	13
QEM 300	530EC30A1	2.2	3	75 µF	18

- **Single-phase 230 V 50 Hz**

QET - CONTROL BOXES FOR 4" AND 6" THREE-PH. BOREHOLE PUMPS



MODEL	CODE	MOTOR POWER (P ₂)		RATED CURRENT
		kW	HP	A
Three-phase				
QET 050	530TNF05A	0.37	0.50	1.7
QET 075	530TNF07A	0.55	0.75	2
QET 100	530TNF10A	0.75	1	2.5
QET 150	530TNF15A	1.1	1.5	3.9
QET 200	530TNF20A	1.5	2	4.8
QET 300	530TNF30A	2.2	3	7
QET 400	530TNF40A	3	4	9
QET 550	530TNF55A	4	5.5	11.5
QET 750	530TNF75A	5.5	7.5	15.5
QET 1000	530AD100A	7.5	10	21.5
QET 1250	530AD125A	9.2	12.5	23.5
QET 1500	530AD150A	11	15	27.5
QET 2000	530AD200A	15	20	36
QET 2500	530AD250A	18.5	25	45
QET 3000	530AD300A	22	30	54
QET 4000	530AD400A	30	40	68

- The control box is fitted with a selector for manual or automatic operation with the possibility of attaching a float (or a pressure valve, etc.).
- **Three-phase 400 V 50 Hz**

QSM - CONTROL BOXES FOR 4" SINGLE-PH. PUMPS WITH LEVEL PROBES



Level probes

MODEL	CODE	MOTOR POWER (P ₂)		CAPACITOR	RATED CURRENT A
		kW	HP	CAPACITANCE	
Single-phase					
QSM 050	530MFLCN05A1	0.37	0.50	20 µF	5
QSM 075	530MFLCN07A1	0.55	0.75	25 µF	6
QSM 100	530MFLCN10A1	0.75	1	35 µF	7
QSM 150	530MFLC15A1	1.1	1.5	40 µF	11
QSM 200	530MFLCN20A1	1.5	2	60 µF	13
QSM 300	530MFLC30A1	2.2	3	75 µF	18

- The control box is fitted with a selector for manual or automatic operation with the possibility of attaching a float (or a pressure valve, etc.) and fluid level probes which protect the pump from operating when dry.
- **Single-phase 230 V 50 Hz**

QST - CONTROL BOXES FOR 4" AND 6" THREE-PH. PUMPS WITH LEVEL PROBES



Level probes

MODEL	CODE	MOTOR POWER (P ₂)		RATED CURRENT
		kW	HP	A
Three-phase				
QST 50	530TFLC05A	0.37	0.50	1.7
QST 75	530TFLC07A	0.55	0.75	2
QST 100	530TFLC10A	0.75	1	2.5
QST 150	530TFLC15A	1.1	1.5	3.9
QST 200	530TFLC20A	1.5	2	4.8
QST 300	530TFLC30A	2.2	3	7
QST 400	530TFLC40A	3	4	9
QST 550	530TFLC55A	4	5.5	11.5
QST 750	530TFLC75A	5.5	7.5	15.5
QST 1000	530ADL100A	7.5	10	21.5
QST 1250	530ADL125A	9.2	12.5	23.5
QST 1500	530ADL150A	11	15	27.5
QST 2000	530ADL200A	15	20	36
QST 2500	530ADL250A	18.5	25	45
QST 3000	530ADL300A	22	30	54
QST 4000	530ADL400A	30	40	68

- The control box is fitted with a selector for manual or automatic operation with the possibility of attaching a float (or a pressure valve, etc.) and fluid level probes which protect the pump from operating when dry.
- **Three-phase 400 V 50 Hz**

CONTROL BOXES



EVOLUTION - CONTROL BOXES FOR 4" AND 6" BOREHOLE PUMPS

MODEL	CODE	VOLTAGE	RATED CURRENT A
EVOLUTION-MONO	532DOM003M	Single-phase 230 V 50 Hz	from 2 to 18
EVOLUTION-TRI/1	532DOM075T	Three-phase 400 V 50 Hz	from 2 to 16
EVOLUTION-TRI/2	532DOM100T	Three-phase 400 V 50 Hz	from 16 to 22

- The control box contains an electronic card which makes it possible to regulate the threshold at which the protection against power overloads and short circuits intervenes; the electronic card also controls the value of $\cos \phi$ in order to prevent dry operating of the pump without the help of fluid level probes.
- The control box may be connected to a float switch (or a pressure switch, etc.).

QES - CONTROL BOXES FOR SINGLE-PHASE DRAINAGE PUMPS



MODEL	CODE	MOTOR POWER (P ₂)		CAPACITOR	RATED CURRENT A
		kW	HP	CAPACITANCE	
Single-phase					
QES 300 MONO	52VX300A1	2.2	3	60 μ F	16
QES 300 MONO-AL (*)	52VX300A1AL	2.2	3	60 μ F	16

- The control box is pre-set for connection with the thermal protector inserted in the winding of the drainage pumps VXCm30, VXCm30-F, MCm30, MCm30-F.
- Single-phase 230 V 50 Hz**

(*) QES 300 MONO-AL, control box with contacts for connection to an auxiliary float switch for level alarm

QES - CONTROL BOXES FOR THREE-PHASE DRAINAGE PUMPS



MODEL	CODE	MOTOR POWER (P ₂)		RATED CURRENT A
		kW	HP	
Three-phase				
QES 150	532QES150A	1.1	1.5	4.2
QES 200	532QES200A	1.5	2	5.2
QES 300	532QES300A	2.2	3	6.5
QES 400	532QES400A	3	4	8

- The control box is fitted with a selector for manual or automatic operation with the possibility of attaching a float, and with the thermal protector inserted in the winding of the drainage pumps VXC, VXC-F, MC, MC-F
- Three-phase 380 ÷ 415V 50 Hz**

QED1 - ELECTRONIC CONTROL BOX FOR ONE DRAINAGE PUMP



MODEL	CODE	VOLTAGE	RATED CURRENT A
QED 1- MONO	533QED01M	Single-phase 230 V 50 Hz	from 2 to 18
QED 1- TRI	533QED01T	Three-phase 400 V 50 Hz	from 2 to 9

- The control box contains an electronic card which makes it possible to regulate the value of the current at which the protection intervenes against power overloads and short circuits.
- The control box is pre-set for connection with the thermal protector inserted in the winding of the drainage pumps VXC, VXC-F, MC, MC-F and of three floats (operation, stop and alarm level).

QED2 - ELECTRONIC CONTROL BOX FOR TWO DRAINAGE PUMPS



MODEL	CODE	VOLTAGE	RATED CURRENT A
QED 2- MONO	533QED02M	Single-phase 230 V 50 Hz	from 2 to 18
QED 2- TRI	533QED02T	Three-phase 400 V 50 Hz	from 2 to 9

- The control box contains an electronic card which makes it possible to regulate the value of the current at which the protection intervenes against power overloads and short circuits.
- The control box is pre-set for connection with the thermal protector inserted in the winding of the drainage pumps VXC, VXC-F, MC, MC-F of four floats (successive operation of the first pump, operation of the second pump, stop and alarm level).