

ACCESSORIES


SUBMERSIBLE ELECTRIC PUMPS AND MOTORS

ES 1 M - ES 3 M

Control box for dry run protection of single-phase submersible electric pumps (see table). The control box is protected and it protects the electric pump from overloads and short circuits, with manual reset facility. Facility for operation with 1, 2 or 3 probes depending on use.

Protection class IP 55. Operating ambient temperature limits $-10\text{ }^{\circ}\text{C}$ $+40\text{ }^{\circ}\text{C}$.

Supplied as standard with an electric probe and wall-mounting brackets. Wall-mounting box in self-extinguishing thermoplastic.

	MODEL	POWER INPUT 50/60 Hz	POWER kW P2 MOT.	NOM. DUTY POWER (MAX) (kW)	MAX CURRENT A	DIMENSIONS			WEIGHT kg
						A	B	H	
	ES 1 M	1x220-240 V,	0,37-0,55-0,75	1,85	10	270	300	190	5,6
	ES 3 M	1x220-240 V,	1,1-1,5-2,2	2,2	16	270	300	190	5,6

ES 0,75 T - 1 T - 1,5 T - 3 T - 4 T - 7,5 T


Control box for dry run protection of three-phase submersible electric pumps (see table).

The control box is protected and it protects the electric pump from overloads and short circuits, with manual reset facility. Facility for operation with 1, 2 or 3 probes depending on use.

Protection class IP 55.

Operating ambient temperature limits $-10\text{ }^{\circ}\text{C}$ $+40\text{ }^{\circ}\text{C}$.

Supplied as standard with an electric probe and wall-mounting brackets. Wall-mounting box in self-extinguishing thermoplastic.

	MODEL	POWER INPUT 50 Hz	POWER kW P2 MOT.	NOM. DUTY POWER (MAX) (kW)	MAX CURRENT A	DIMENSIONS			WEIGHT kg
						A	B	H	
	ES 0,75 T	3x400V	0,37-0,55	0,88	1,6	270	300	190	5,6
	ES 1 T	3x400V	0,75	1,38	2,5	270	300	190	5,6
	ES 1,5 T	3x400V	1,1	2,2	4	270	300	190	5,6
	ES 3 T	3x400V	1,5 - 2,2	3,5	6,3	270	300	190	5,6
	ES 4 T	3x400V	3	5,5	10	270	300	190	5,6
	ES 7,5 T	3x400V	4-5,5	7,5	14	270	300	190	5,6

CONTROL SYSTEMS - ES

Control boxes for protection and automatic operation with float switch(es) of three-phase submersible electric pumps in single installations.

Available for direct starting and for star-delta starting.

Wall-mounting box in self-extinguishing thermoplastic.

The control box is self-protected and it protects the electric pump from overloads, short circuits and power loss, with manual reset facility.

Complete with:

Power line disconnect device with padlockable door lock handle;

Self-protected transformer to provide 24 V supply for external controls;

Terminals to connect electric pump and minimum/maximum level float switches;

Probe module for anti dry-run control;

Terminals to connect alarm control for remote installation of a sounder or warning light (voltage free);

Manual – 0 – automatic selector for electric pump on control box front panel;

Protection class: IP55.

Construction of electrical enclosures: to EN 60204-1 and EN 60439-1.

Supplied as standard with an electric probe.



MODEL	POWER INPUT 50-60 Hz	P2 NOMINAL KW	MAX CURRENT	WEIGHT kg
ES 7,5 T	3 x 400V	4 - 5,5	14	5,6
ES 10 T	3 x 400V	7,5	18	5,6
ES 12,5 T	3 x 400V	9,2	25	5,9
ES 15 T	3 x 400V	11	25	8
ES 20 T	3 x 400V	15	32	8,1
ES 25 T	3 x 400V	18,5	40	8,3
ES 30 T	3 x 400V	22	63	8,5
ES 40 T	3 x 400V	30	80	8,2
ES 50 T	3 x 400V	37	90	9
ES 60 T	3 x 400V	45	100	9
ES 75 T	3 x 400V	55	109	-
ES 85 T	3 x 400V	63	126	-
ES 100 T	3 x 400V	75	148	-
ES 125 T	3 x 400V	92	185	-
ES 150 T	3 x 400V	110	217	-
ES 180 T	3 x 400V	132	257	-
ES 200 T	3 x 400V	147	300 A	-
ES 230 T	3 x 400V	170	348 A	-
ES 260 T	3 x 400V	190	405 A	-
ES 300 T	3 x 400V	220	424 A	-
ES 340 T	3 x 400V	250	481	-
ES 10 T S/D	3 x 400V	7,5	18	5,6
ES 12,5 T S/D	3 x 400V	9,2	25	5,9
ES 15 T S/D	3 x 400V	11	25	8
ES 20 T S/D	3 x 400V	15	32	8,1
ES 25 T S/D	3 x 400V	18,5	40	8,3
ES 30 T S/D	3 x 400V	22	63	8,5
ES 40 T S/D	3 x 400V	30	80	8,2
ES 50 T S/D	3 x 400V	37	90	9
ES 60 T S/D	3 x 400V	45	100	9
ES 75 T S/D	3 x 400V	55	109	-
ES 85 T S/D	3 x 400V	63	126	-
ES 100 T S/D	3 x 400V	75	148	-
ES 125 T S/D	3 x 400V	92	185	-
ES 150 T S/D	3 x 400V	110	217	-
ES 180 T S/D	3 x 400V	132	257	-
ES 200 T S/D	3 x 400V	147	300 A	-
ES 230 T S/D	3 x 400V	170	348	-
ES 260 T S/D	3 x 400V	190	405	-
ES 300 T S/D	3 x 400V	220	424	-
ES 340 T S/D	3 x 400V	250	481	-