

## Electromechanical control panels

# EVO 1

RANGE 0,5÷25HP

Direct starting electromechanical control panel 1 motor



### GENERAL SPECIFICATIONS

- Operating voltage 230Vac  $\pm 10\%$  50/60Hz (SA621.xx)
- Operating voltage 400Vac  $\pm 10\%$  50/60Hz (SA631.xx)
- General disconnecting switch with door lock
- Selector switch for automatic -0- manual operation (stable)
- Mains supply Led light
- Running Led light
- Overload Led light
- Auxiliary circuit protection fuse
- Transformer for auxiliary circuit
- Motor protection fuse
- Contactor
- Thermal relay (internal reset)
- Connection terminal board
- External thermoplastic box
- Cable glands
- Protection degree IP55
- Operating temperature -5/+40°C

### PROTECTIONS

- Maximum current protection with alarm

### INPUTS / OUTPUTS

- N°2 very low voltage input for pressure switch or float switches (minimum/maximum level)

### SINGLE-PHASE 230Vac ±10% 50/60Hz

CODE	TYPE	POWER		OPERATING CURRENT [A]	DIMENSIONS mm			WEIGHT Kg	BOX
		kW	Hp		A-H	L-W	P-D		
SA621.00L	EVO 1 230 0,5	0,37	0,5	2,5÷4	345	285	165	5,4	04
SA621.01L	EVO 1 230 0,75	0,55	0,75	4÷6,5	345	285	165	5,4	04
SA621.02L	EVO 1 230 1	0,75	1	6,3÷10	345	285	165	5,4	04
SA621.03L	EVO 1 230 1,5	1,1	1,5	6,3÷10	345	285	165	5,4	04
SA621.04L	EVO 1 230 2	1,5	2	9÷14	345	285	165	5,4	04
SA621.05L	EVO 1 230 3	2,2	3	13÷18	345	285	165	5,4	04

### THREE-PHASE 400Vac ±10% 50/60Hz

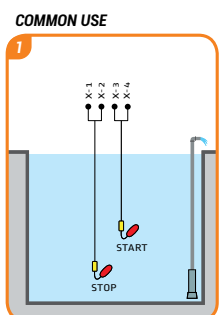
CODE	TYPE	POWER		OPERATING CURRENT [A]	DIMENSIONS mm			WEIGHT Kg	BOX
		kW	Hp		A-H	L-W	P-D		
SA631.00L	EVO 1 400 0,5	0,37	0,5	1,1÷1,6	345	285	165	5,4	04
SA631.01/02L	EVO 1 400 1	0,55÷0,75	0,75÷1	1,6÷2,5	345	285	165	5,4	04
SA631.03L	EVO 1 400 1,5	1,1	1,5	2,5÷4	345	285	165	5,4	04
SA631.04L	EVO 1 400 2	1,5	2	4÷6,5	345	285	165	5,4	04
SA631.06/07L	EVO 1 400 4	2,2÷3	3÷4	6,3÷10	345	285	165	5,4	04
SA631.09L	EVO 1 400 5,5	4	5,5	9÷14	345	285	165	5,4	04
SA631.10L	EVO 1 400 7,5	5,5	7,5	13÷18	345	285	165	5,4	04
SA631.11L	EVO 1 400 10	7,5	10	17÷23	345	285	165	5,4	04
SA631.12L	EVO 1 400 12,5	9,2	12,5	20÷25	345	285	165	5,4	04
SA631.13/14L	EVO 1 400 17,5	11÷13	15÷17,5	24÷32	345	285	165	5,5	04
SA631.15L	EVO 1 400 20	15	20	32÷38	380	300	150	6,5	05
SA631.16L	EVO 1 400 25	18,5	25	35÷50	380	300	210	8,1	06

### OPTIONALS

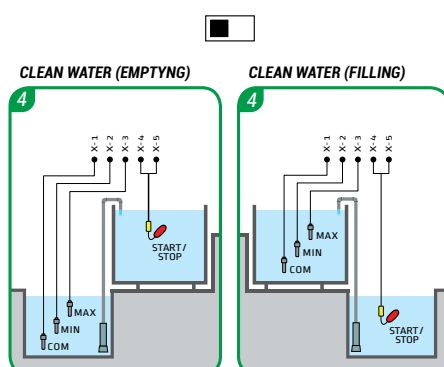
CODE	TYPE
OP100.02/0	Automatic -0- manual selector switch (from stable to unstable)
OP100.02/1	Wired start-stop button
OP100.03/00	Wired circuit breaker for capacitor up to 100µF
OP100.04/4	Wired lack, sequence and asymmetry of phases relay
OP100.04/5	Wired lack, sequence and asymmetry of phases relay, minimum and maximum voltage
OP100.05	Wired single-phase surge arrester type 2
OP100.05/1	Wired three-phase surge arrester type 2
OP100.15/024	Wired hour counter 24Vac 48x48
OP100.16/1	Wired analog daily timer 72x72 without reserve
OP100.16/1T	Wired analog daily timer 72x72 without reserve (timed function)
OP100.16/2	Timer analogico giornaliero 72x72 con riserva cablato
OP100.19/4	Wired module GSM 4 inputs/4 outputs
OP100.09/2	Wired lithium battery 3,7Vdc 600mAh
OP331.230	Wired LEVEL 230Vac control relay
OP100.01	3 level probes kit
OP100.17/024	Wired 24Vac relay complete with socket
OP210.01	Wired very low voltage input for motor klixon
OP200.01	Alarm output 24Vac and pure contact
OP100.13/1	Wired siren shut-off button
OP100.13/1/24	Wired siren 24Vac/dc
OP100.13/2/24L	Wired flashing Led lamp 24Vac
SS100.01	Visual and acoustic alarm indicator (BASIC ALARM VA 024) <a href="#">see page 20</a>
SS101.01	Visual and acoustic alarm indicator with buffer battery (TOP ALARM VAB 230) <a href="#">see page 19</a>
OP00.10	Couple of brackets for collar (reference BOX 03-04)

For more optionals see page 126

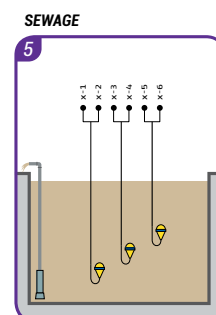
STANDARD CONTROL PANEL



CONTROL PANEL WITH OPTIONAL: OP331.230



CONTROL PANEL WITH OPTIONAL: OP200.01



#### COMPONENTS KEY

- Float switch for clean water
- Float switch for sewage
- Level probes

The addition of some optionals can imply changes on the size of the control panel. For further details please contact our technical/commercial department.