INVERTER PLUS 2 C RANGE 1÷30HP

Inverter starting electronic control panel 2 motors with display and alternance

- *Easy to program*
- *Programmable set-poin*
- *Anti-clogging system with reverse running*
- *Digital termostat*
- *Events and alarms data logger*
- *Motors maintenance data logger*
- *Remote control*



SALUPO CONNECT

GENERAL SPECIFICATIONS

- Operating voltage 400Vac ±10% 50/60Hz
- General disconnecting switch with door lock
- Button for automatic operation
- Button for manual operation
- Auxiliary circuit protection fuse
- Protection fuse for each inverter
- N°2 inverters
- Forced ventilation with filters
- Connection terminal board
- External metal box
- Protection degree IP54
- Operating temperature -5/+40°C

ADVANTAGES

- Multilingual Display LCD to visualize:
  - Frequency for each motor
  - Current for each motor
  - Hour counter for each motor
  - System pressure with pressure transducer
  - Water level in the tank in meters by means of a piezoresistive probe
  - Internal temperature of the control panel
  - All information concerning the operation of the motors
- Anti-clogging system with reverse running at start-up and in case of blockage
- Alternance of the 2 motors
- Automatic switching in case of motor failure
- Up to 4 programmable set-points
- Pressure loss monitoring
- Adjustable supply mains waiting
- PID operation

INPUTS / OUTPUTS

- Input 0-10V
- Very low voltage galvanically isolated input for control external
- N°4 very low voltage galvanically isolated inputs for set-point

PROTECTIONS

- Maximum and minimum current protection for each motor with alarm
- Lack and sequence of phases protection with automatic reset and alarm
- Earth leakage protection with alarm

THREE-PHASE 400Vac ±10% / OUTPUT 3~400Vac 50/60Hz

CODE	TYPE	ND		HD		DIMENSIONS mm			WEIGHT	BOX
		kW	A	kW	A	A-H	L-W	P-D	Kg	
SQ714.C00	INVERTER PLUS 2 C 400 ND 1,5kW 3,1A - HD 0,75kW 2,5A	1,5	3,1	0,75	2,5	500	400	230	17	50
SQ714.C01	INVERTER PLUS 2 C 400 ND 2,2kW 5,1A - HD 1,5kW 4A	2,2	5,1	1,5	4	500	400	230	18	50
SQ714.C02	INVERTER PLUS 2 C 400 ND 3,7kW 6,9A - HD 2,2kW 5,5A	3,7	6,9	2,2	5,5	600	400	230	20	60
SQ714.C03	INVERTER PLUS 2 C 400 ND 5,5kW 10A - HD 4kW 9A	5,5	10	4	9	600	400	230	21	60
SQ714.C04	INVERTER PLUS 2 C 400 ND 7,5kW 16A - HD 5,5kW 12A	7,5	16	5,5	12	700	500	290	33	71
SQ714.C05	INVERTER PLUS 2 C 400 ND 11kW 23A - HD 7,5kW 16A	11	23	7,5	16	700	500	290	34	71
SQ714.C06	INVERTER PLUS 2 C 400 ND 15kW 31A - HD 11kW 24A	15	31	11	24	800	600	290	54	80
SQ714.C07	INVERTER PLUS 2 C 400 ND 18,5kW 38A - HD 15kW 31A	18,5	38	15	31	1000	800	370	56	103
SQ714.C08	INVERTER PLUS 2 C 400 ND 22kW 45A - HD 18,5kW 39A	22	45	18,5	39	1000	800	370	82	103
SQ714.C09	INVERTER PLUS 2 C 400 ND 30kW 61A - HD 22kW 45A	30	61	22	45	1000	800	370	83	103

N.B.: When ordering, check the power and the rated current of the motor

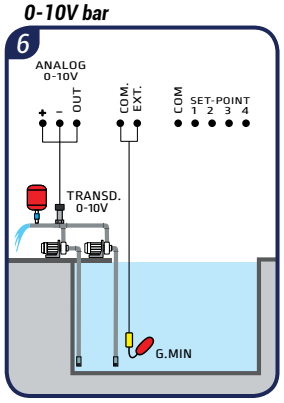
OPTIONALS

CODE	TYPE
OP100.29/C	Controller GPRS expansion
OP100.49/C	Controller MODBUS RS-485 expansion
OP100.59/C	Controller Ethernet - WiFi expansion
OP100.69/C	Controller BMS expansion up to 3 motors
OP331.230	Wired LEVEL 230Vac control relay
OP100.01	3 level probes kit
OP100.02/7	Wired selector switch 0-1 (set-point)
OP100.17/024	Wired interface 24Vac relay complete with socket
OP100.17/024/CE	Wired interface 24Vac relay complete with socket (external command)
OP100.02/3	Potentiometer to adjust the frequency
OP200.00/1	Alarm output 24Vac and pure contact
OP210.02	Inputs for 4 set-points with wired 24Vac relay
OP100.05/1	Wired three-phase surge arrester type 2
OP100.21/xx	Wired three-phase inductance DV/DT (xx)A **see page 68**
OP100.23/xx	Wired sine wave filter LC (xx)A with cooling fan **see page 68**
AC300.16.xx-004.35	Pressure transducer 0-(xx)bar 0-10V 1/4" with 4m shielded cable 2 cables+Ground wire **see page 68**
AC300.21.01-xx.31	Piezoresistive probe 0-10V with (xx)m cable **see page 68**
AC300.21.02-010.31	Piezoresistive probe 0-10V with 10m cable for sewage

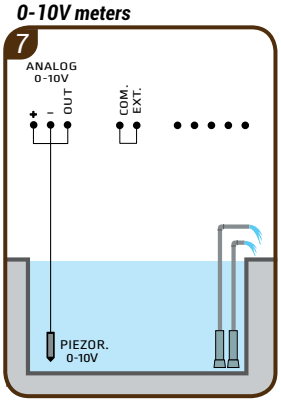
SPARE PARTS

CODE	TYPE
SR714.C024	Controller INVERTER PLUS 2 C 24Vac

0-10V bar



0-10V meters



KEY COMPONENTS

Float switch for clean water

Piezoresistive probe 0-10V

Pressure transducer 0-10V

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