INVERTER IRIS BLUE 1 RANGE 3÷220HP

Inverter starting control panel 1 motor with display

- *Specific software for pumping and water management applications*
- *Alarms data logger*
- *Remote control*



SALUPO CONNECT

GENERAL SPECIFICATIONS

- Operating voltage 400Vac ±10% 50/60Hz
- General disconnecting switch with door lock
- Selector switche for automatic -0- manual operation (stable)
- Running Led light
- Inverter alarm Led light
- Auxiliary circuit protection fuse
- Transformer for auxiliary circuit
- Inverter protection fuse
- Inverter IRIS BLUE with front display
- Forced ventilation complete with filters
- Extraction tower (from 50Hp)
- Thermostat for fan
- Connection terminal board
- External metal box
- Protection degree IP54
- Operating temperature -5/+40°C

ADVANTAGES

- Double initial ramp
- Pipe filling control
- Fire mode (forced operation in case of alarm)
- Sleep/wake up mode (it prolongs the pump delay time to save energy)
- Safe Torque Off (function for the freewheel stop)
- Dry running with cosφ
- Pressure loss monitoring
- PID operation

INPUTS / OUTPUTS

- Input 4-20mA
- Very low voltage input for external command

PROTECTIONS

- Maximum current protection with alarm
- Lack of phase protection with allarm
- Earth leakage protection with alarm

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

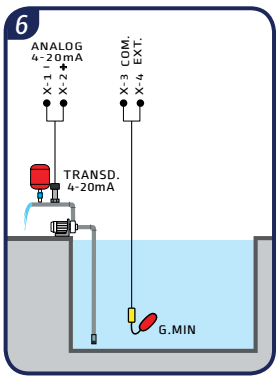
CODE	TYPE	ND		HD		DIMENSIONS mm			WEIGHT	BOX
		kW	A	kW	A	A-H	L-W	P-D	Kg	
SQ707.00/01	INVERTER IRIS BLUE 1 400 ND 4kW 10,5A	2,2÷4	10,5	-	-	600	400	280	24	61
SQ707.02	INVERTER IRIS BLUE 1 400 ND 5,5kW 12,5A	5,5	12,5	-	-	600	400	280	24	61
SQ707.03	INVERTER IRIS BLUE 1 400 ND 7,5kW 16,5A	7,5	16,5	-	-	600	400	280	24	61
SQ707.04/05	INVERTER IRIS BLUE 1 400 ND 15kW 30A	11÷15	30	-	-	800	600	290	42	80
SQ707.06	INVERTER IRIS BLUE 1 400 ND 18,5kW 41A	18,5	41	-	-	800	600	290	43	80
SQ707.07	INVERTER IRIS BLUE 1 400 ND 22kW 57A	22	57	-	-	800	600	290	43	80
SQ707.08	INVERTER IRIS BLUE 1 400 ND 30kW 60A	30	60	-	-	800	600	290	43	80
SQ707.09	INVERTER IRIS BLUE 1 400 ND 37kW 80A	37	80	-	-	1150	800	430	92	104 T
SQ707.10	INVERTER IRIS BLUE 1 400 ND 45kW 88A	45	88	-	-	1350	800	470	106	123 T
SQ707.11	INVERTER IRIS BLUE 1 400 ND 55kW 120A	55	120	-	-	1350	800	470	111	123 T
SQ707.12	INVERTER IRIS BLUE 1 400 ND 75kW 145A	75	145	-	-	1350	800	470	115	123 T
SQ707.13	INVERTER IRIS BLUE 1 400 ND 92kW 195A	92	195	-	-	1950	800	670	191	187 T
SQ707.14	INVERTER IRIS BLUE 1 400 ND 110kW 215A	110	215	-	-	1950	800	670	201	187 T
SQ707.15	INVERTER IRIS BLUE 1 400 ND 132kW 240A	132	240	-	-	1950	800	670	211	187 T
SQ707.16	INVERTER IRIS BLUE 1 400 ND 160kW 300A	160	300	-	-	1950	800	670	266	187 T

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

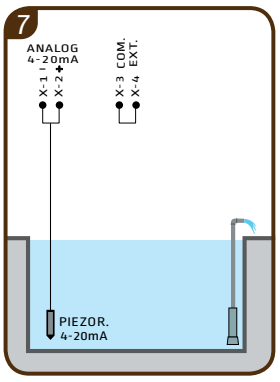
OPTIONALS

CODICE	TIPO
OP100.29/KIT	GPRS 24Vac DIN board with 2m serial cable
OP100.59/KIT	Ethernet-WiFi 24Vac DIN board with 2m serial cable
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 (external command)
OP100.02/3	Potentiometer to adjust the frequency
OP200.00/1	24Vac alarm output 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**
OP200.42	Wired passive galvanic isolator 0÷20mA / 0÷20mA
AC300.15.xx-004.35	Pressure transducer 0-(xx)bar 4-20mA 1/4" with 4m shielded cable 2 cables+Ground wire **see page 68**
AC300.20.01-xx.31	Piezoresistive probe 4-20mA with (xx)m cable **see page 68**
AC300.22.01-xx.35	Piezoresistive probe 4-20mA with (xx)m shielded cable 2 cables+Ground wire **see page 68**
AC300.20.02-010.31	Piezoresistive probe 4-20mA with 10m cable for sewage

4-20mA bar



4-20mA meters



KEY COMPONENTS

Float switch for clean water

Piezoresistive probe 4-20mA

Pressure transducer 4-20mA

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