

MULTI 1

RANGE 0,5÷20HP

Electronic control panels

Direct starting electronic control panel 1 motor for clean water and sewage

• MULTI APPLICATION CONTROL PANEL



Applications

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ADVANTAGES

- Configuration via Dip switch
- Level control Emptying/Filling
- Operation with pressure switches, float switches and probes
- Dry running with 3 or 2 timed probes level control
- Siren shut-off

PROTECTIONS

- Maximum current protection with alarm
- Lack and sequence of phases protection with automatic reset and alarm
- Deactivable minimum and maximum voltage protection with automatic reset and alarm
- Motor klixon protection with automatic reset and alarm

SINGLE-PHASE 230Vac +15/-20% 50/60Hz

CODE	TYPE	POWER		OPERATING CURRENT [A]	DIMENSIONS mm			WEIGHT Kg	BOX
		kW	Hp		A-H	L-W	P-D		
SA664.00	MULTI 1 230	0,37÷2,2	0,5÷3	2÷18	285	245	140	2,2	03

THREE-PHASE 400Vac +15/-20% 50/60Hz

CODE	TYPE	POWER		OPERATING CURRENT [A]	DIMENSIONS mm			WEIGHT Kg	BOX
		kW	Hp		A-H	L-W	P-D		
SA667.02L	MULTI 1 400 10	0,37÷7,5	0,5÷10	0,5÷16	285	245	140	2,7	03
SA667.03L	MULTI 1 400 15	2,2÷11	3÷15	4÷25	345	285	165	3,3	04
SA667.04L	MULTI 1 400 20	7,5÷15	10÷20	16÷32	345	285	165	3,4	04

OPTIONALS

CODE	TYPE
OP100.01	3 level probes kit
OP100.05	Wired single-phase surge arrester type 2
OP100.05/1	Wired three-phase surge arrester type 2
OP100.13/1/12	Wired siren 12Vdc
OP100.13/2/12L	Wired flashing Led lamp 12Vdc
SS100.00	Visual and acoustic alarm indicator (BASIC ALARM VA 012) see page 20
OP00.10	Couple of brackets for collar (reference BOX 03-04)
OP03.20/40.00	Metal box 400x300x150mm with wall brackets (reference BOX 03)
OP04.20/40.00	Metal box 400x300x150mm with wall brackets (reference BOX 04)

For more optional see page 80

SPARE PARTS

CODE	TYPE
AC100.24/30	Led electronic board 1 pump with siren shut-off button and flat cable 16pin 30cm
SD664.20/1	Single-phase MULTI 1 electronic board
SD667.20/1	Three-phase MULTI 1 electronic board 20A
SD667.30-40/1	Three-phase MULTI 1 electronic board 30-40A

GENERAL SPECIFICATIONS

- Operating voltage 230Vac +15/-20% 50/60Hz (SA664.xx)
- Operating voltage 400Vac +15/-20% 50/60Hz (SA667.xx)
- General disconnecting switch with door lock
- Button for automatic -0- manual operation
- Siren shut-off button
- Maximum current trimmer
- Probe sensitivity trimmer 1÷100kohm
- Timed probe trimmer 1÷240min
- "POWER" Led light (supply mains)
- Running Led light
- Motor overload Led light
- Motor klaxon intervention Led light
- Motor status Led light
- "FUNCTION" Led light (inputs status)
- "ALARM" Led light (level status)
- Auxiliary circuit protection fuse
- Motor protection fuse
- Contactor (SA667.xx)
- External thermoplastic box
- Cable glands
- Protection degree IP65
- Operating temperature -5/+50°C
- Relative humidity 60% at 50°C (not condensed)

INPUTS / OUTPUTS

- N°4 very low voltage inputs
- Very low voltage input for motor klaxon
- N°2 alarm outputs 12Vdc max 200mA for siren and flashing Led lamp
- Alarm output max 5A NC-COM-NO (pure contact)

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