

**Control panel for single or twin pumps booster set fixed speed operation.
Control panel for single or two submersible pumps.**

General Features

SMART EVO1: Control panel for 1 motor pump with electronic protection
SMART EVO2: Control panel for 2 motor pumps with electronic protection
Power supply:
Single phase 50/60 Hz 230/240 V +- 10%
Three phase 50/60 Hz 400/415 V +- 10%
Main disconnector with main door lock.
Thermoplastic enclosure.
IP55 protection rating.

Power section

1 or 2 motor pump outputs: single phase or three phase with built in capacitor for single phase.
Direct motor start-up.
Electronic Amperometric adjustable protection.
Electronic dry running protection with adjustable parameters.
Impeller unlocking system with preventive start-ups in AUTOMATIC operation (2 sec every 48h)
Low voltage alarm automatic reset.
Automatic pump switch (SMART EVO2) in case of main pump failure.
Auxiliary motor protection with fuses.

Control inputs

4 low voltage inputs for float or pressure switch for:
Shut-down level or shut-down pressure.
Motor pumps control level or motor pumps control pressure.
Alarm level or alarm pressure.
Level alarm FVC (COM_NO_NC).
Ampero-thermic protection (klixon) for Single phase motors.

Control outputs

Common alarm output (COM_NO_NC) 5A- 250 V.
Common alarm output (COM_NO_NC) 12VDC /100mA

Controls and signals

2 buttons for each motor pump for: AUTOMATIC / RESET alarm.
MANUAL / OFF
LED power on
LED in automatic operation
LED Motor running
LED Level alarm
LED Over tension alarm
LED Low voltage alarm
LED Overheating alarm

Operation conditions

Ambient Temperature: -5/+40°C
Maximum relative humidity 50% with maximum temperature +40°C



Characteristics table and price

Model	Voltage	No. Pumps	I	Motor power	Weight	Dimensions	Code
	[V]		[A]	[kW]	[kg]	[mm]	
SMART EVO1 MONO	1- 240	1	18	0.37 - 2.2	2.5	320x240x190	00880001
SMART EVO1 TR/7.5	3- 400	1	16	0.55 - 7.5	5.5	320x240x190	00880002
SMART EVO1 TR/11	3- 400	1	25	0.55 - 11	6	320x240x190	00880100
SMART EVO1 TR/15	3- 400	1	32	7.5 - 15	6.5	320x240x190	00880101
SMART EVO2 MONO	1- 240	2	18	0.37 - 2.2	2.5	320x240x190	00880004
SMART EVO2 TR/7.5	3- 400	2	16	0.55 - 7.5	5.5	320x240x190	00880005
SMART EVO2 TR/11	3- 400	2	25	0.55 - 11	6	320x240x190	00880102
SMART EVO2 TR/15	3- 400	2	32	7.5 - 15	6.5	320x240x190	00880103