Control Panel SMART EVO

Accessories

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

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<td>1~ 240</td>
<td>1</td>
<td>18</td>
<td>0.37 - 2.2</td>
<td>2.5</td>
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