

# DOMINO-UP



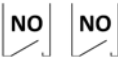

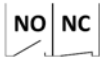

## THE NEW GENERATION OF CONTROL PANELS

**ELECTRONIC CONTROL PANEL WITH DISPLAY:  
FOR CONTROL AND PROTECTION OF ONE SINGLE PHASE OR THREE PHASE MOTOR  
WITH DRY RUNNING PROTECTION BY COS  $\phi$**



### Features

- Input voltage 1~50/60 Hz 230V  $\pm 10\%$  (DOMINO-UP-M)
- Input voltage 3~50/60 Hz 400V  $\pm 10\%$  (DOMINO-UP-T)
- N.1 or 2 input for start command (settable)
- N.1 alarm output for maximum current, minimum cos  $\phi$ , minimum water level (settable)
- Pushbuttons for Auto-Off/Reset-Manual motor operation (Manual temporary)
- Green led for AUTO operation
- Green led for motor operating
- Multifunction display - visualization of: voltage, motor current, motor COS  $\phi$  and alarms
- Push-buttons for protection restoration
- Push-buttons for adjustments and set up from display
- Setting electronic protection for motor overload (from keyboard), time of activation 5"
- Dry running protection setting from cos  $\phi$  0,1 $\div$ 0,9 (from keyboard)
- Automatic re-starting pump from dry running after 5'-90' or stop after 4 cycles of 90'
- Motor protection for wrong phase sequence
- Auxiliary circuits and motor protection fuses
- Main switch with door interlock
- Single-phase version adapted for the insertion of a capacitor (not included)
- Enclosure in ABS
- Output with cable holder
- Protection IP55

 <b>nr.1 motor input</b> 	 <b>nr.2 NO inputs</b> 	 <b>nr.1 alarm output</b> 
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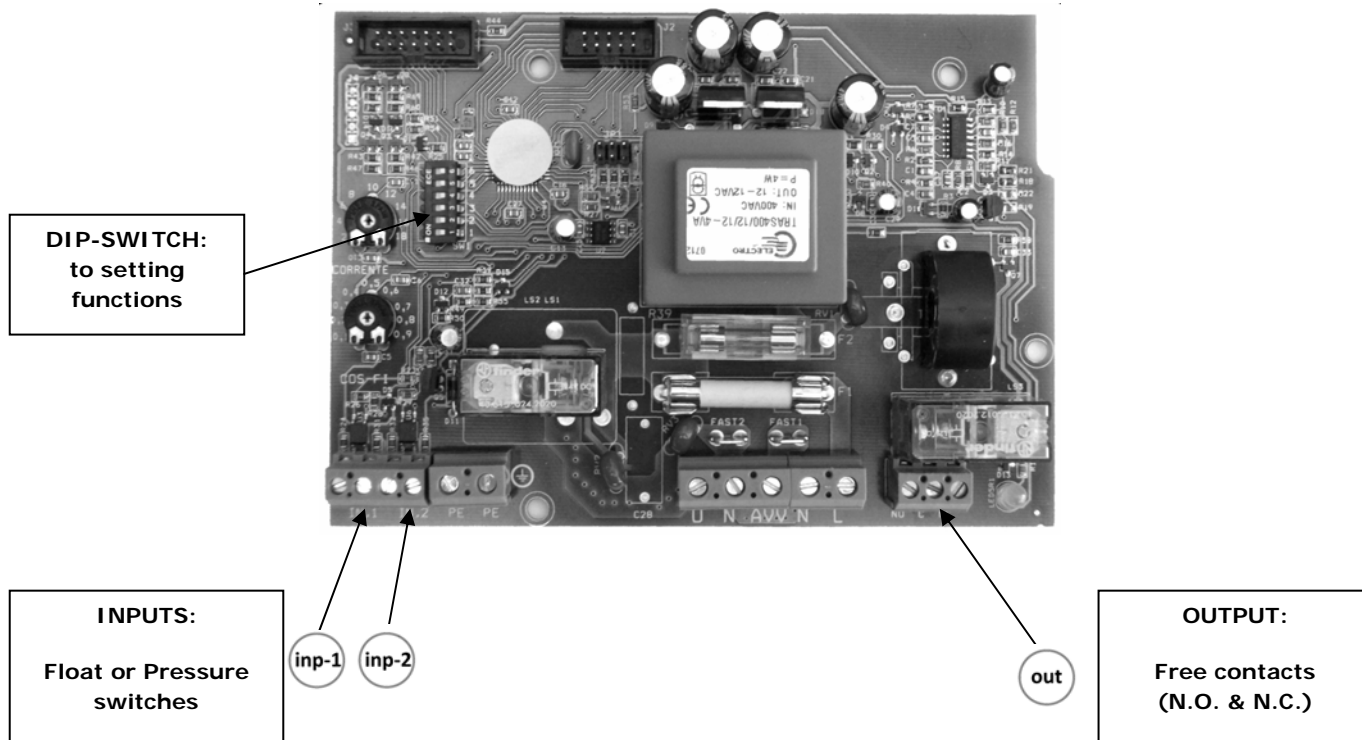
### BENEFITS OF THE "DOMINO-UP"

ALARM OUTPUT FOR	IT WORKS WITH
<ul style="list-style-type: none"> <li>- motor overload protection alarm (max current)</li> <li>- minimum cos <math>\phi</math></li> <li>- dry protection</li> <li>- minimum water level (if activated program)</li> </ul>	<ul style="list-style-type: none"> <li>- pressure switches</li> <li>- float switches (clean water applications)</li> <li>- multicontact float switches (waste water application)</li> <li>- other contacts</li> </ul>

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## THE NEW GENERATION OF CONTROL PANELS

### ELECTRONIC BOARD OF DOMINO-UP



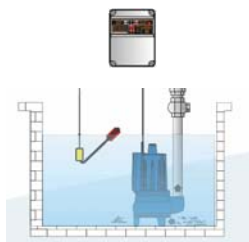
### ON DISPLAY IS POSSIBLE TO SET TWO DIFFERENT PROGRAMS (nr.2 OPERATING FUNCTIONS):

- PROGRAM 1:**
- inp-1** Float or pressure switch, for minimum water level (mechanical dry running protection)
  - inp-2** Float or pressure switch, to control the pump
  - out** Free contacts for alarms: minimum water level, minimum  $\cos \phi$ , maximum current
- PROGRAM 2:**
- inp-1** Float or pressure switch, to stop the pump
  - inp-2** Float or pressure switch, to start the pump
  - out** Free contacts for alarms: minimum  $\cos \phi$ , maximum current

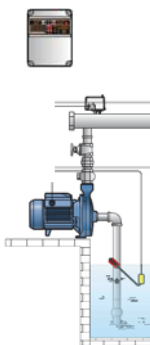
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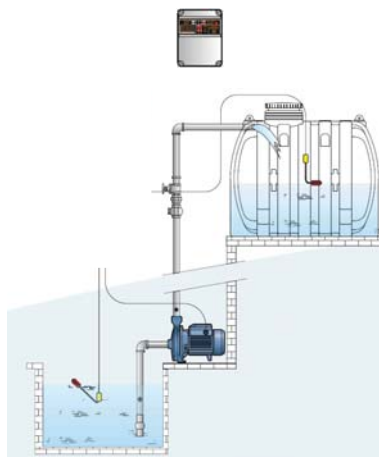
### TYPICAL APPLICATIONS with PROGRAM 1



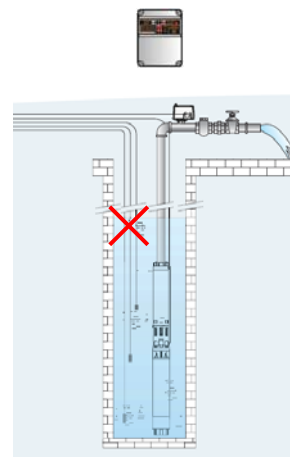
Alarm with cos Ø



Alarm with float switch

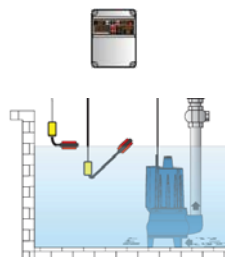


Alarm with float switch

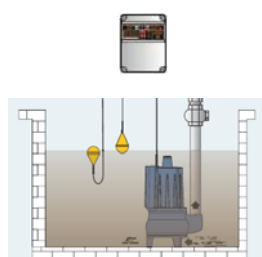


Alarm with cos Ø (without probes)

### TYPICAL APPLICATIONS with PROGRAM 2 (start & stop system)



Alarm with cos Ø



Alarm with cos Ø