



### CONTROLLER TE2010VVF DESCRIPTION

- Compact, elegant and functional design
- Simple keyboard
- All measures, alarms and informations in a backlighted graphical display 128x64pixel
- Voltage and current TRMS measurements
- Events log with 10 events
- 4 languages on board + 1 programmable
- Calendar
- 1 serial interface RS232 or RS485
- 3 leds to indicate immediately the presence or lacking of the phases
- 3 leds to indicate the state of the pump: start request, start failed, pump ON.
- Led test by keyboard
- 4 types of starting: D.O.L., wye-delta, impedance, autotransformer
- Manual stop or automatic stop by pressure switch status
- 1 analog input for pressure sensor
- Supply: 8-35Vdc and 180-440 Vac
- Programmable automatic weekly test
- 2 years warranty automatically detected by the controller
- n°4 NPN outputs to view alarms on other remote panels
- GSM support

### DESCRIPTION

The F2010-D series panels are built in RAL3000 wall-type boxes and they are made for the motorpump command and control in fire – fighting systems, in accordance with UNI12845 norms. They use a powerful and reliable electronics, called TE2010-VVF, approved to be used into the more rigorous environments, with the maximum security. All the electrical measures and the engine controls are reported in a big display of 128x64 pixels. With this equipment, it is possible to satisfy completely the norm requests. The RS232 port permits to connect a GSM modem for the communication via SMS with a mobile phone, and the RS485 port permits to report the informations at max. 1km, recordable via PC. It's possible to connect the controller to the alarm report box RE12845.

### STANDARD COMPOSITION

- 1 Metal box IP54 RAL 3000
- 1 3P+N Interlock switch with line fuses for main auxiliary supply
- 1 Silenceable alarm buzzer
- 1 Acoustic alarm silencer
- 1 Line contactor for DOL; 3 contactors for wye/delta starters
- 3 Current transformers
- 1 Engine terminal board
- 1 Terminal board for connection to the alarms report box RE12845
- 2 Fuses for auxiliary circuit protection
- 1 Key selector Automatic-O-Manual
- 1 TE2010-VVF controller

### ACCESSORIES

Using GSM/GPRS Modem it's possible receive alarms via SMS and send info message for receive system measures



### F2010D - ELECTROPUMP D.O.L. STARTER

A	KW	V	Code
18	7,5	400	F2010D84507
22	11	400	F2010D84511
32	18,5	400	F2010D84518
40	22	400	F2010D84522
50	30	400	F2010D84530
65	37	400	F2010D84537
75	45	400	F2010D84545
105	55	400	F2010D84555