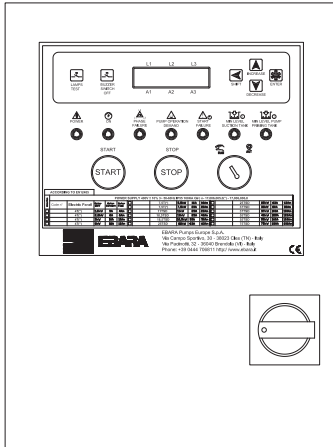


## FFP RANGE (FFS UNITS MAIN PUMP)



Control panels for fire-fighting units in compliance with EN 12845. Every control panel is set-up to control an electric pump.

The control panels are equipped with a board that controls the incorrect phase sequence, missing phase, undervoltage and detects the current absorbed by the motor.

A terminal box is also present where the electric connections are made: of the pressure switches, external floats and the signals to take into the DFFRP control unit, installed in the area surveyed.

they are set-up for the direct start-up of the pumps up to a power of 7.5 kW, beyond this start-up is performed with delta/triangle. They are complete with graphical display for reading the electric parameters of the system and menu settings, an anomaly siren with signal level > 75dB.

The front of the control panel encloses the indicators for signalling the alarms as envisioned by the EN 12845 Standard. Inside, find protection fuses for the motor and auxiliary line and the missing phase control.

Any anomalies of the relay board and display DO NOT block the electric pump start request, coming from the pressure switches, whether in MANUAL or AUTOMATIC functioning mode.

### FUNCTIONS

- Automatic or manual control of the supply pump
- Alarm signals with possibility of remote replication

### TECHNICAL DATA

- Power supply: 400V  $\pm$ 10- 50/60 Hz
- Temperature limits: -10°C +40°C
- IP55 Protection rating
- Reference Standards: EN 60204-1, EN 60439-1, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 60529, EN 12845