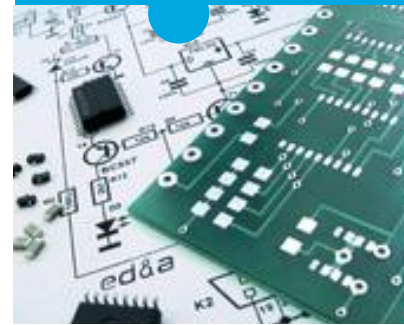




The
power to
control

Custom-made controllers

High-pressure cleaner controller



Project description

Development and production of a custom-made controller for a new high-pressure cleaner. The main objectives were "to increase ease of use" and "to allow worldwide export".

The design is built around a single chip microprocessor with an internal memory for saving machine malfunctions. Service engineers can retrieve malfunctions for diagnosis by entering a password.

E.D.&A. is also responsible for the control panels with the keyboard membrane. In this way the customer has a single point of contact

for the entire controller set. The symbols make the user interface language-independent and applicable worldwide. The user can view and change the status (pressure, water temperature, etc.).

Customer

Manufacturer of industrial cleaning equipment (such as high-pressure cleaners and car-wash systems).

Characteristics

- power supply: 110V, 200V, 240V and 400V
- user interface: graphical display, 128 x 64 pixels and 5 keys
- 8 x digital inputs
- analogue inputs: 1x PT100, 1x LDR, 1 x 4-20mA
- digital outputs: 4 x relay, 1 x 3-phase interruption



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