

DIDACTIC PURPOSE

- Show to students all basic civil, industrial, electric circuits and automations;
- Put the students in condition to design, realise and test the studied installations;
- Realise some automations with modern P L C;
- Make some considerations about technical and economic advantages proceeding from the realisation of an installation compared with another one, considering the safety factor and the principles and the laws in force in the sector of the civil and industrial installations.
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LABORATORY-WORKSHOP COMPOSITION

The workshop of the electric installations is composed by vertical benches available in version of 2 or 4 places, on which the students can use a panel to execute the scheduled experiences of the program.

The panels on which the students work are interchangeable and they can be kept in proper cabinets useful in case one only lesson is not enough to finish the installation and it is therefore necessary to continue in the following days.

The vertical benches supply the voltages necessary to the operation of the plants.