



INDUSTRIAL INSTALLATIONS KITS

Kit of components commonly used in industrial installations accompanied by a manual of practical experiments.

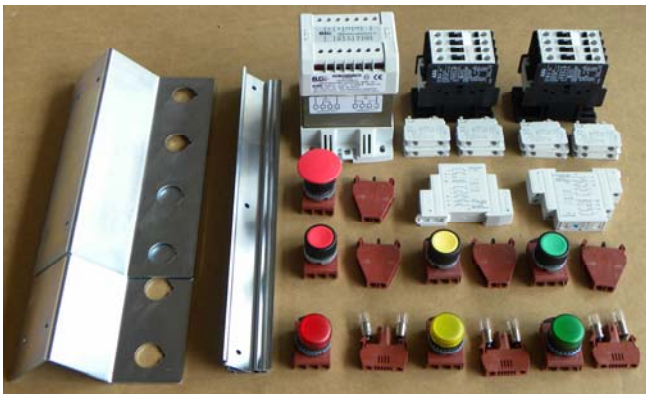
The experiments were designed to allow the student a direct learning, individualized and progressive.

The choice of the components is determined by the educational objectives proposed by the manual which allow the student an independent path in the performance of individual tests and prepares him to overcome the difficulties that arise in the gradual change from one test to the next.

It is also proposed a brief but effective questionnaire in order to verify the acquisition of the information necessary to the understanding of the described scheme.

The symbols used to execute the electrical schemes correspond to the *CEI*, unified to the international standard *IEC*.

BASIC INDUSTRIAL ELECTRIC PLANTS



DL 2102B

Kit of components and teaching manual with 12 experiments including brief theoretical mentions and practical schemes relevant to the main circuits used in electrical industrial plants.

Each experiment has clear objectives aimed and presents the electric scheme and the necessary material to execute the plant.

The kit is composed of: 1 transformer mains/2x12V, 1 emergency pushbutton with NO+NC contact, 3 lamp holders, red, yellow and green with lamp 24V, 3 pushbuttons, red, yellow and green with NO+NC, 1 on and off -delay time relay, 2 meters with 2 NO+NC contacts, 1 couple of lamp holders squares, 3 pieces of DIN section, 1 set of screws to fix the components, 1 container.

With this kit it is possible to perform the following experiments:

- Operator interface
- Contactors
- OR logic operator
- AND logic operator
- NOT logic operator
- Self-holding contactor
- Interlocking among contactors
- Sequential control contactors
- OR exclusive operator
- On delay time relay
- Off delay time relay
- Solid state relay

Suggested accessories:

DL1100A, DL 1100D or DL 1100E, DL 1100SD