



COMPLETE KIT FOR INDUSTRIAL ELECTRIC INSTALLATION (version 1) DL 2102C1



Kit of components and teaching manual with 21 experiments including brief theoretical mentions and practical schemes of the main circuits in use in the industrial electric installations.

Each experiments has aims finalized and shows electric scheme and material necessary to perform the plant.

The kit is composed of:

- 1 transformer mains/2x12V,
- 1 emergency pushbuttons with NO+NC contact,
- 3 lamp holders, red, yellow and green with 24V lamp,
- 3 pushbuttons, red, yellow and green with NO+NC contact,
- 2 multifunction on-off delay time relay,
- 4 contactors with 2 NO+NC contacts,
- 1 thermal relay complete with support,
- 1 fuse holder complete with fuses,
- 1 couple of lamp holders squares,
- 3 pieces of DIN section,
- 1 set of screws to fix the components,
- 1 container.

To perform motor tests it is necessary to have a squirrel cage three phase asynchronous motor with the same characteristics of our DL 10115AV motor in the laboratory.

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,
- Thermal relay,
- Manual star/delta starting,
- Manual reversing circuit,
- On delay time relay,
- Off delay time relay,
- Sequential control,
- Solid state relay,
- Pulse generator,
- Automatic star/delta starting,
- Star/delta starting with reversing circuit,
- Plugging braking,
- Reversing circuit time relay.

Suggested accessories:

**DL 1100A, DL 1100D or DL 1100E, DL 1100SD,
DL 10115AV**