



INTRODUCTION

DL 2101T

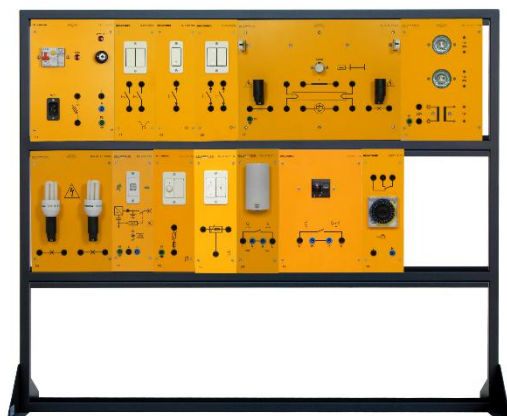
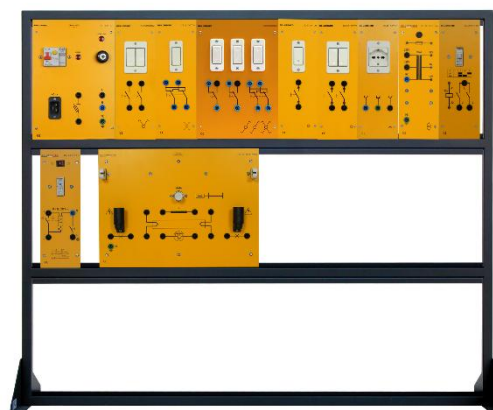
A professional Electrician must provide a safe and reliable electrical service to ensure that all work is in accordance with the relevant National rules. This includes assembling, installing, testing and maintaining electrical wiring, equipment, appliances, etc. An electrician must also diagnose and repair malfunctioning systems, apparatus, and components when a fault is present.

This catalogue illustrates the laboratories for the study of civil installations, where all trainers have modular structure and it consists of didactic panels with symbols and diagrams that are installed on a vertical frame. The modularity of these didactic systems grant to the students a direct and immediate approach to the topic, offering the opportunity to study various subjects performing different experiments.

This laboratory comprehends the following eight configurations:

DL 2101TA – LIGHTING

- Single-point controlled lighting installation
- Single-point controlled lighting installation with socket
- Switch-controlled two-lamps lighting installation
- Two-point controlled lighting installation
- Three-point controlled lighting installation
- Four-point controlled lighting installation
- Circuit breaking relay controlled lighting installation
- Switching relay controlled lighting installation
- Time relay controlled lighting installation
- Hot-cathode fluorescent lamp installation



DL 2101TAS – LIGHTING (ADVANCED)

- Low consumption lamps lighting installation
- Emergency light installation
- Lighting installation controlled by a dimmer
- Lighting installation controlled by a pushbutton light regulator
- Lighting installation controlled by a twilight switch (outdoor type)
- Lighting installation controlled by a presence and twilight switch (indoor type)
- Lighting installation controlled by a timer switch

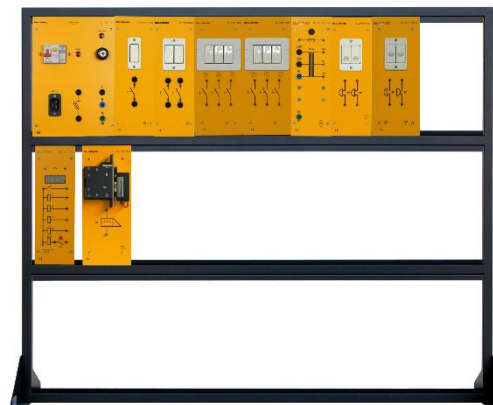


ELECTRICAL CIVIL INSTALLATIONS



DL 2101TB – SIGNALLING

- Signalling installation
- Single-control signalling installation
- Reciprocal control signalling installation
- Light signalling installation
- Ringing installation with doors and main entrance control
- Electric lock ringing installation

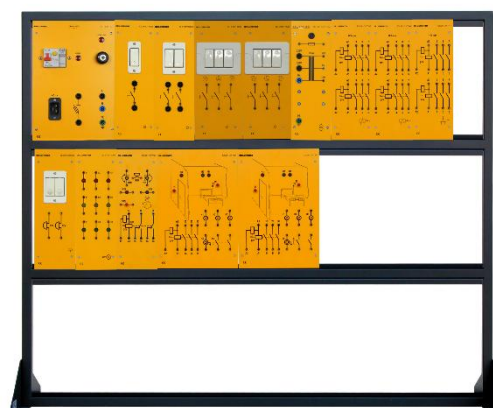


DL 2101TC – HOUSE PHONES

- Two reciprocal call entry-phone installation at short distance
- Two reciprocal call entry-phone installation at long distance
- Coupled two entry-phone installation
- Main entry-phone and two shunted entry-phones installation
- Communicating entry-phones installation
- Connection between an external unit and two shunted entry-phones

DL 2101TD – HOTELS/HOSPITALS

- Installation for audience request
- Installation for hotel
- Installation for nurse calling





ELECTRICAL CIVIL INSTALLATIONS

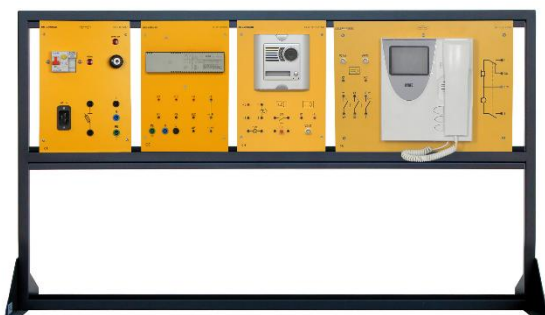


DL 2101TF – FIRE ALARM SYSTEMS

- Smoke sensor,
- Thermal detector
- Gas detector,
- Emergency pushbutton
- Alarms
- Auxiliary battery
- Control panel

DL 2101TG – INTRUDER ALARM SYSTEMS

- Microwave sensor
- Infrared passive sensor
- Perimeter sensor
- Blinker
- Alarms
- Auxiliary battery
- Control panel

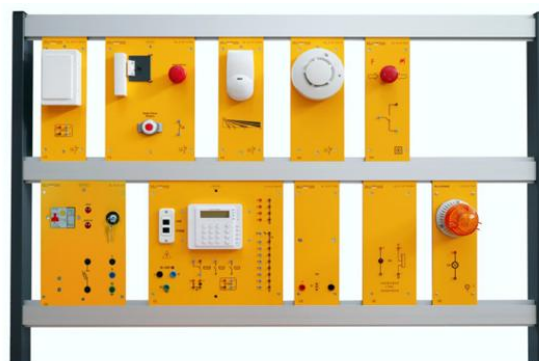


DL 2101TH – VIDEO INTERCOM

- Signalling bell installation
- Signalling bell and plate lighting installation
- House-phone installation
- Outdoor video station
- Video/house-phone installation

DL 2101TFGW – FIRE AND INTRUDER ALARM SYSTEM WIRELESS

- smoke sensor,
- thermal detector,
- gas detector,
- emergency pushbutton,
- alarms,
- auxiliary battery
- control panel.





ELECTRICAL CIVIL INSTALLATIONS



DL 2101T – TOTAL CONFIGURATION

- Single-point controlled lighting installation
- Single-point controlled lighting installation with socket
- Switch-controlled two-lamps lighting installation
- Two-point controlled lighting installation
- Three-point controlled lighting installation
- Four-point controlled lighting installation
- Circuit breaking relay controlled lighting installation
- Switching relay controlled lighting installation
- Time relay controlled lighting installation
- Hot-cathode fluorescent lamp installation
- Low consumption lamps lighting installation
- Emergency light installation
- Lighting installation controlled by a dimmer
- Lighting installation controlled by a pushbutton light regulator
- Lighting installation controlled by a twilight switch (outdoor type)
- Lighting installation controlled by a presence and twilight switch (indoor type)
- Lighting installation controlled by a timer switch
- Signalling installation
- Single-control signalling installation
- Reciprocal control signalling installation
- Light signalling installation
- Ringing installation with doors and main entrance control
- Electric lock ringing installation
- Two reciprocal call entry-phone installation at short distance
- Two reciprocal call entry-phone installation at long distance
- Coupled two entry-phone installation
- Main entry-phone and two shunted entry-phones installation
- Communicating entry-phones installation
- Connection between an external unit and two shunted entry-phones
- Installation for audience request
- Installation for hotel
- Installation for nurse calling
- Smoke sensor,
- Thermal detector
- Gas detector,
- Emergency pushbutton
- Alarms
- Auxiliary battery
- Control panel
- Microwave sensor
- Infrared passive sensor
- Perimeter sensor
- Blinker
- Alarms
- Auxiliary battery
- Control panel
- Signalling bell installation
- Signalling bell and plate lighting installation
- House-phone installation
- Outdoor video station
- Video/house-phone installation

[illegible]



ELECTRICAL CIVIL INSTALLATIONS



Module necessary in case the local voltage is different from 230 Vac (not included in the configuration):

DL 2101T13AT	Autotransformer	1
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