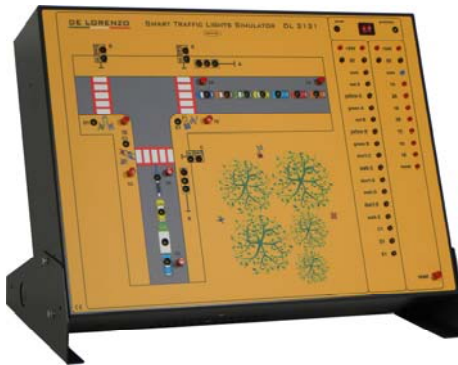# 🛠 AUTOMATION

SMART TRAFFIC LIGHTS SIMULATOR

DL 2121

This system represents a crossing between two one-way streets, each controlled by a semaphore and provided with three pedestrian crossings with semaphores, too. The automatic control of the semaphore system is performed through PLC not with the normal cyclic timing: only the presence of at least one car determines the green signal of the relevant semaphore, allowing the transit of all the cars between the two detecting sensors.

The dialogue between the semaphores of the two roads allows the alternation of the green signal as a function of the traffic intensity, while the pedestrian crossing is on request. The present cars are displayed through LED, whose control is assigned to an electronic circuit separated from the PLC.

Complete with educational manual and software.

Power supply: single-phase from mains.
NOTE: It can be connected to a PLC such as the DL 2210A or the DL 2210B.

SMART TRAFFIC LIGHTS SIMULATOR
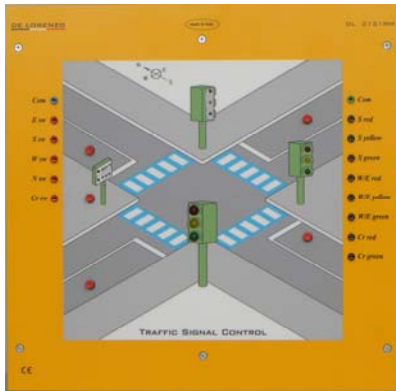
DL 2121RM

It represents a crossing between two streets, each controlled by a semaphore with pedestrian crossing, also controlled by a semaphore. The automatic control of the semaphore system is performed through PLC, as a function of the arrival of the cars or of the call by a pedestrian. All the above situations are simulated through pushbuttons.
NOTE: It can be connected to a PLC such as the DL 2110AH.

LIFT SIMULATOR

DL 2122RM

It simulates a three-stop lift with real processing procedures. Lift car up-down manual cycle with automatic PLC control and management. The lift car motion is displayed by LED. Booking obtained through buttons, on priority basis and independently from the lift car position. Lift car door open indication. Upper and lower limit switches to avoid programming mistakes. Connection to PLC through terminals.
Power supply: single-phase from mains.
Complete with educational manual and control software.
NOTE: It can be connected to a PLC such as the DL 2110AH.