



ESD200B

Operating part : Traffic lights

ESD 200 000 is an operating part for the initiation to PLCs.

It can be used with a lot of PLCs (Schneider Twido, Schneider M340, Siemens S71200, Omron CPlE ...).

A manual of practical works is supplied. It includes very gradual topics (from yellow flashing light to complete functioning of traffic lights with pedestrian call, secondary road car detections, left slip road ...).

The system has 19 Inputs and 6 Outputs.

In order to use small PLCs (with less than 19 Outputs), several variables can be controlled in the same time.

Example : One of the topics, doesn't take into account the left slip roads, nor the secondary road car detection. In this practical work, the lights are grouped by road (with Ø 4-mm cords):

§ In 2 x 3 lights groups for the cars,

§ In 2 x 2 lights groups for pedestrians,

this practical's works needs only 10 PLC's outputs.

Characteristics :

Ø 19 LED (Green, Yellow, Red), On/Off control, 5/24 VDC,

Ø 6 pushbuttons for simulation of pedestrian call or car detection on roads.

