

PLC BASED ON TRAFFIC LIGHTS SYSTEM

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ABSTRACT

The construction of this PLC Based on Traffic Lights System is quite simple. PLC contains control devices such as relays, electrical timers, and counters and also contained 24V battery. In my project, the four traffic lights required 24V light bulb. After I connected the light bulbs wiring, the results do not fulfill my requirements. Then my supervisor advised me to change the traffic lights condition. So, I connected the 2nd condition light bulbs wiring circuit and finally got the required result. After the circuit wiring is completely worked, I connected to the PLC. The PLC is already program by me. Finally, the four traffic lights are on.