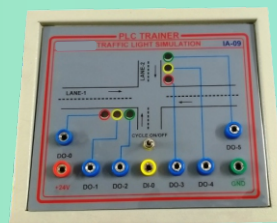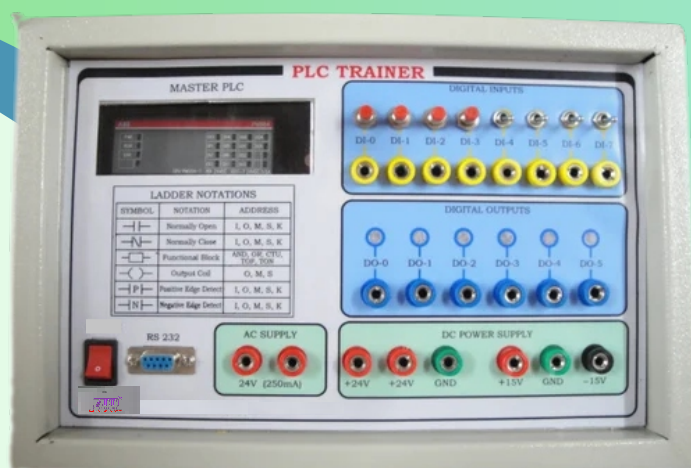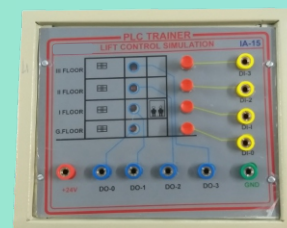# PLC Trainer Kit

Traffic light

Lift Controls

PRODUCT DESCRIPTION

MAIN UNIT: Microprocessor based PLC System with built in 8 Digital input line, with RS232 Serial Interface of Industrial grade PLC will be used. The system comes with Ladder programming and communication software compatible with IBM PC. All the inputs and outputs are brought out to the panels for the ease of studying various Static application panels and also Sample Ladder programs are supplied for better understanding of PLC. The Panel is built with necessary Power supply required for the PLC and the Simulation Panels. The system can be used for any control applications, which come across in Industrial Environment by writing Logic program as per requirement.

DISTRIBUTOR PANEL :

For Easy connection of input/output of PLC to the field / Static application through use of patch cords

FOR DIGITAL INPUT & DIGITAL OUTPUT :

Consist of 8 Digital inputs and 6 Digital Output 4mm socket for Digital Input : 8 nos 4mm socket for Digital Input : 6 nos

SIMULATION + EXTENSION PANEL :

Front - end connection through 4mm sockets and patch cards or fixed I/O connection with Toggles switches and L.E.Ds Various Static application dependent programs to be interfaced with PLC Learning and Troubleshooting Skills through front panel Study of Ladder Diagram Dynamic Ladder display on Personal Computer Light weight study panel Sufficient Courseware: Literature for Various Static application dependent programs Instructor's Guide,TechnicalReference.

FEATURES :

For simulation of Digital I/Os and extension for inputs and outputs for connecting the same I/P or O/P at different points. Digital I/P consists of Toggle switches : 4 nos. Push buttons : 4 nos. ; 4mm Socket: 8 nos. Digital outputs consists of 24 V DC LED : 6 nos.

SPECIFICATION OF PLC :

Make - ABB/DELTA DI -   8 Built in, DO -   6 Built in, PC Interface-RS 232 Cable

STATIC APPLICATION PANELS (SAP): SIMULATION MODULES:

Switching of Lights Water level Control Traffic Light Control Counting pulses from source and checking for pre-determined values. Star – Delta Starter Conveyer control Lift Control Logic Gate Simulation Washing Machine Timing Circuits

WORKING MODULES :

Motor Control, Interfacing of Motors, Water Level controller, Bottling System, Elevator

Analog & Digital Devices

#4."Swathi" 1St Main, Opp Singapura Garden,
Lakshmipura Road. Abbigere, Bangalore - 560090
Phone No: +91 -80-23253301/+91-80-23253302
Email : info@addblr.com/ addblr2829@gmail.com
Website: www.addblr.com