

Product Name :
PLC Training Kit

Product Code :
POL-PLC0001



Description :

PLC Training Kit

Technical Specification :

Training box with PLC which includes 14-way ON/OFF input, 10-way relay type output, It can finish the study of PLC programming software, application training, study of typical PLC programming method, typical PLC project training etc.

Main parameters

Power supply voltage: single phase AC220V, 50Hz

Size: 420mm *310mm *125mm, weight: 2.5kg

PLC: CPU124-1R

14 digital value input, 10 relay type digital quantity output, can be extended to 3 module; compatible with S7-200 PLC. It adopts FLASH technology over-long time power down keeping, no need battery support, data can be stored for 10 year; With one of communication interface, support the PPI communication protocol.

Accessories

Power line: 1 pcs

2mm jumper wire: 20 pcs

Programming device cable: 1 pcs

Programming software: STEP 7 MicroWIN

Experiments

Study of STEP 7 Micro-WIN software

Motor point control experiment

To learn PLC basic logic instruction

To master PLC basic programming method

Motor start/ stop control experiment
To practice PLC basic logic instruction application
To learn the programming method of self-latching circuit
Motor forward/reverse control experiment
To practice PLC basic logic instruction application
To learn the programming method of interlock circuit
Motor Y/? start control experiment
To learn PLC timing instruction
To learn PLC programming rules
Traffic light control experiment
To practice the typical application of PLC timing instruction
Table tennis competition simulation experiment
To learn PLC move instruction and data shift instruction
Liquids mixing system control experiment
To learn the PLC sequential control relay instructions
Sky tower light control experiment
To learn and practice the PLC programming method of typical sequential control programs
Responder control experiment
To learn the method of controlling IN-7 nixie tube by PLC



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