



Sequence Control Trainer with PLC Model 46623G is designed to systematically train sequence control with various actual electric parts.

The trainer is available both in single phase and three phase supply operated components. User can design and self try out various applicable experiments in electrical control and protection circuits used in industry. Especially, the trainer is connectable with PLC trainer and various control logics through ladder programming can be tested.

Earth leakage protective devices. Safety sockets and insulated patch cords are used to ensure user safety.

#### **Indication of each elements symbol on the panel.**

- Basic Circuits
- Local Acting Circuits
- Relay Sequence Circuits
- Alarm and Indication Circuits
- Timer Circuits
- Delay Starting Circuits
- Detection Circuits
- Electric Sequence Control Circuits
- Understating of control components and individual components operation.
- Sequence circuit connection experiment
- Sequence control by proximity sensor
- Sequence circuit by PLC Control
- Induction Motor Control Circuit

#### **Technical Specifications**

- Power Source: 3 phase AC 440V/50-60Hz.
- Expansion Module : Provision to Multiply the Connection Point
- Earth Leakage Circuit Breaker : 1 No
  - ♦ Rated Current : 25A

Note: Specifications are subject to change.

- ♦ Rated Voltage : 440V
- ♦ Rated Residual Current at 100mA
- Contractor Module : 3 nos
  - ♦ 4 No with Two Auxiliary Contact Rated Current : 25A
  - ♦ Rated Voltage : 3Phase AC 440V/ 60Hz
  - ♦ Coil Voltage Current : AC 230V 60 Hz
  - ♦ AC1 Ratings : AC 240V/ 4.5kW/ 25A
  - ♦ Auxiliary Contact : AC 240V/ 3A
- AC Relay 2CO : 3 Nos
  - ♦ Coil Voltage / Current : AC 230V 60 Hz/ 6mA
  - ♦ Rated Current : AC 240/ 3A ( Resistive Load),
  - ♦ AC 240V/0.8A (Inductance Load)
- AC Relay 4CO : 2nos
  - ♦ Coil Voltage / Current : AC 230V 60 Hz/ 6mA
  - ♦ Rated Current : AC 240/ 3A ( Resistive Load),
  - ♦ AC 240V/0.8A (Inductance Load)
- Proximity Sensor : 2 nos
  - ♦ Operating Type : NPN, NO \Detecting Distances 5MM+10%
  - ♦ Standard Detecting Target : Iron (25x25x1mm)
  - ♦ Operating Voltage : DC24V (DC10~30V)
- Lamp (Green : 2 nos, Red : 3nos)
  - ♦ Operating Voltage : AC 230V Lamp : LED Type
- Buzzer : 2 Nos
  - ♦ Operating Voltage : AC 230V/4VA
- Time Relay 1CO - 1no
  - ♦ Set Time : 0-6 Sec\Coil
  - ♦ Voltage/ Current : AC 230V 60Hz/ 60mA
  - ♦ Rated Current : AC 240/ 3A ( Resistive Load),
  - ♦ AC 240V/0.8A (Inductance Load)
- Overload Relay : 2nos.
  - ♦ Rated Current : 9A
  - ♦ Rated Voltage : 3 Phase AC 440V/ 60Hz
  - ♦ Coil Voltage : AC 220V 60Hz
- Flicker Relay Multifunctional Timer Operating Voltage 110-240V AC/ 100-125V DC
  - ♦ Rated Current : AC 240V/ 3A (Inductive Load)
- Toggle Switch : 2 nos
  - ♦ Contact : AC 125V/ 10A, AC 250V/6A
- Emergency Stop Switch : 1 no
  - ♦ Contact : AC 125V/ 10A, AC 250V/6A
- Push Button Switch (Green : 2nos, Red: 2 nos)
  - ♦ Contact : AC 250V/6A
- Selector Switch : 1 no
  - ♦ Contact : AC 125V/ 10A, AC 250V/6A
- 3 Phase AC Star/ Delta Connection
- Fuse Holder : Fuse (5A) 3 nos
- **PLC Part - 2**
  - ♦ PLC Module 8 Input, 8 Output Delta DVP - 16 ES 2
  - ♦ PLC with programming panel Display Model Delta Tp02
  - ♦ Cable for PLC RS232 -9 pin
  - ♦ SMPS Power Supply : 24VDC at 2A
  - ♦ Program : Input Selectable Programs
  - ♦ Accessories : DC Supply Terminals
- Shock Proof Safety Sockets : 248 nos
- Patch Cord Shrouded 1 Meter Red : 20 nos
- Patch Cord Shrouded 1 Meter Black : 20 nos
- 3 Phase AC Power Cable : 1no
- Weight Part-1 and Part-2 : 28.2 KG
- Dimension (MM) Part-1 : 955Wx450Dx755H
- Dimension (MM) Part-2 : 415Wx315Dx755H
- User's Manual : 1 no

Note: Specifications are subject to change.