



Electronic Control Trainer explores the fundamental concepts of electronics control sensors. Learners will see how electricity is used for power and control in industrial, commercial, agricultural, and residential applications. They will learn how different sensor can control the flow of electricity. This training system covers industry-relevant technical skills including how to operate, install, design, and troubleshoot basic electronic control circuits for various applications.

Salient Features

- Facilitates easy and safe wiring by students due to use of 4mm sturdy Shrouded banana patch cords and shrouded socket arrangements for high voltage circuits
- Each panel is made of non-breakable tough acrylic plate and colorful screwless overlays showing circuits diagrams & its connection tag numbers for easy understanding and connection
- Numerous possibilities of testing of electrical circuits.
- Different types of electrically controlled sensors.

Technical Specifications

- **Input 230V AC INPUT panel**
 - ♦ 230V AC/ 50HZ input Power Socket.
 - ♦ Rocker ON/OFF switch for Switch ON/OFF purpose.
- **1 Phase Voltmeter :**
 - ♦ Measure & monitor AC Voltage
- **Control Output panel:**
 - ♦ Solid State relay.
 - ♦ Touch Operated Circuit using Touch sensor
 - ♦ Sound Operated Circuit using Sound sensor
 - ♦ Optical Relay Operated Circuit using Optical Relay sensor
- **Lamp Load Panel**
 - ♦ Panel consists of 230V X 3 bulbs.
- **On Site Requirements:**
 - ♦ Three Phase 440V @ 50 Hz & Single Phase 230V @ 50Hz Power Supply

Experiments List

1. To study the electronic control of bulb using optical sensor
2. To study the electronic control of bulb using sound sensor
3. To study the electronic control of bulb using touch sensor

Note: Specifications are subject to change.



Order Code - 40553A
ISDN Trainer

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