

Introduction

This system studies the topics related with a intruder alarm system in the electrical civil installation. It has a modular structure and it consists of didactic panels installed on a vertical frame. The modularity of this didactic system grants to the students a direct and immediate approach to the topics, offering the opportunity to study various subjects performing several experiments. In this section the following devices are studied:

Features

- 01 Facilitates easy and safe wiring by students due to use of 4mm sturdy Shrouded banana path cords & shrouded socket arrangements.
- 02 All Panels are mounted on finely painted sturdy base frame with easy Panels interchangeability.

Panels Provided

SN.	Name of Panel	Order Code	Qty.
01	Aluminum Video Intercom Installation trainer Rack	69700	01
02	Single Phase Power supply	69501	01
03	Video camera and outdoor station	69552	01
04	Indoor monitor/intercom	69553	01

Accessories Provided

SN.	Description	Qty.
01	Shrouded connecting leads 4mm 50cm Red	05
02	Shrouded connecting leads 4mm 100cm Red	05
03	Shrouded connecting leads 4mm 50cm Black	05
04	Shrouded connecting leads 4mm 100cm Black	05

List of Experiments

SN.	Name of Experiment	Panels Required
01	Video Intercom Experiment	69501, 69552, 69553

Note: Specifications are subject to change.

DETAILS OF MODULES



1. SINGLE PHASE POWER SUPPLY Order Code - 69501

Single Phase Power Supply is designed to familiarize students with various methods of protection of power circuits. It has been made with safety and protection in mind and with strong insulation

Procedure

- 01 Connect the Input AC Voltage at Input
- 02 Switch ON the Two Pole MCB Terminal
- 03 Turn the key lock switch
- 04 Check the light indication
- 05 Observe the Output at Output Terminal



2. VIDEO CAMERA AND OUTDOOR STATION Order Code -69552

It enables tenants to view and talk with visitors. Outdoor Camera Material: ABS+Metal drawing panel Outdoor Camera Working Temperature:-20+60°C Functions of two-way intercom, visual intercom, unlock, real-time surveillance, rainproof and night vision.

Procedure

- 01 Connect with intercom, it gives DC 15V 1500mA to video camera.
- 02 It gives visual image to intercom when visitors come and enables talk with visitors.
- 03 Its installation is done at the door



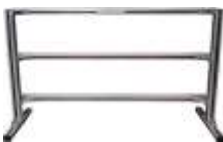
3. INDOOR MONITOR / INTERCOM Order Code – 69553

700TVL CMOS sensor, clearer pictures displaying. 4.3-inch touch screen, high definition and sensitive, easily see the real-time images. With functions of two-way intercom, visual intercom, unlock, real-time surveillance, rainproof and night vision. 6pcs high-intensity IR LEDs for good night vision effect.
Real-time outdoor surveillance for home

security. 25 kinds of music rings optional.

Procedure

- 01 Connect the input AC 100-249V at input terminal
- 02 When visitors come at door, it enables to view the image of visitor and talk with visitor.
- 03 Its installation is done in the room.



4. ALUMINUM FRAME - MODULAR PANELS Order Code - 69700.

Aluminum Video Intercom trainer Rack madeup aluminium profile size 40×40mm, foldable and light in weight 10 panel setup can be interchange conveniently to perform experiments. Dimention Length 1100 × Hieght 1000×Depth 350mm.

Note: Specifications are subject to change.