Description

The Fire Alarm Trainer is a comprehensive educational system designed to demonstrate the operation, monitoring, and control of conventional fire alarm systems. It enables hands-on training on system indications, fault diagnostics, isolation functions, and emergency operations commonly used in commercial and industrial fire detection installations.

Functional Features

- Mains and DC ON indication
- Mains failure indication
- Battery failure indication
- Charger failure indication
- Bell line failure indication
- Zone fire, fault, and isolate indication
- Evacuate switch with status indication
- Buzzer isolate switch with indication
- Bell isolate switch with indication
- Fire station isolate with indication
- Auxiliary trip isolate switch with indication
- Test zone alarm, fault, and isolate switch
- Master reset push-button switch

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

Technical Specifications

Electrical

- **Power Supply Input:** 240 V AC, 50 Hz

- **Battery Charger:** Automatic / trickle charging

- **Charging Current:** 300 mA (normal), 2.5 A (boost)

- **System Operating Voltage:** 24 V DC

Outputs & Interfaces

- **End-of-Line Resistance:** 8.2 kΩ

- **CMS Output:** Normally Open (N/O) contact

- **Auxiliary Output:** 24 V DC, 1 A

Current Consumption

- **Standby Mode:**
  - Master panel: 75 mA
  - Per zone with detector: 5 mA

- **Alarm Mode:**
  - Master panel: 140 mA
  - Per triggered zone: 70 mA