



## Relay Description

The **Programmable Relay Starter Kit** is a comprehensive solution for PLC-based learning, development, and small-scale automation applications. It integrates a modern logic module featuring an **embedded web server** and **Ethernet communication**, making it ideal for training, testing, and control system prototyping.

The system is designed for flexibility, ease of use, and expandability, supporting both digital and analog I/O configurations along with advanced communication capabilities.

## Specifications

### 1. General Features

- Programming Software: Soft Comfort (latest version)
- Included Tools:
  - Web Editor V1.2
  - Integrity Tool
  - Access Tool
  - SGLAN Connector
- Accessories Included: Screwdriver in System

### 2. Electrical Specifications

- **Power Supply:**
  - 12/24 V DC
  - 115/230 V AC (model dependent)
- **Digital Inputs:**
  - 8 DI (expandable up to 24)
- **Digital Outputs:**
  - 4 DO (relay or transistor type)
  - Expandable up to 20 outputs
- **Analog Inputs:**

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



Export Sales: +91-9829132777  
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,  
Sitapura Extension, Jaipur-302022, India.



info@tesca.in  
www.tescaglobal.com

- 2 AI (0–10 V)

### 3. Performance & Memory

- **Memory Capacity:** 400 function blocks (expandable)
- **Display:**
  - Backlit LCD
  - 6 lines, 16 characters per line

### 4. Communication & Networking

- Ethernet (TCP/IP)
- Modbus TCP
- Integrated Web Server

### 5. Expansion Capability

- Supports up to **8 expansion modules** (digital and analog I/O)

### 6. Mechanical Details

- **Dimensions (Main Module):** 90 × 72 × 55 mm approx
- **Mounting:** DIN Rail (35 mm)

### Accessories

#### Compulsory Accessories

- Soft Comfort Software License
- 24 V DC Power Supply (1.3 A)
- Programming Cable (USB / Ethernet)
- SD / microSD Card (Program Storage)
- Expansion Modules (Digital / Analog I/O)
- DIN Rail Mounting Hardware & Enclosures
- Terminal Connectors
- USB-to-Ethernet Adapter / LAN Port

#### Additional Training & Utility Accessories

- Wiring Ferrules & Sleeves
- Expansion Modules:
  - 12/24R (Digital Expansion)
  - AM2 (Analog Input Module)
- **Simulation & Safety Components:**
  - Prewired Simulation Board (switches & lamps)
  - Protective Transparent Cover (Acrylic Shield)
  - Emergency Stop Switch
  - Main Isolator Switch
- **Control & Indication Devices:**
  - Push Buttons (NO)
  - Selector Switches (NO/NC)

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



Export Sales: +91-9829132777  
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,  
Sitapura Extension, Jaipur-302022, India.



info@tesca.in  
www.tescaglobal.com

- LED Indicator Lamps
- Pilot Lamp / Load Board
- **Control Hardware:**
  - Interposing Relay Module
  - Miniature Contactor
  - Buzzer / Alarm Module
- **Training Loads & Wiring:**
  - 24 V DC Motor / Fan
  - Flexible Single-Core Wires
  - End Plates & End Clamps
  - Cable Ties & Marking Stickers

**Documentation**

- Instruction Manual – 1 Set

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



Export Sales: +91-9829132777  
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,  
Sitapura Extension, Jaipur-302022, India.



info@tesca.in  
www.tescaglobal.com