



### SPECIFICATIONS:-

#### 1. PLC Training Kit

##### (a) Simulation Console

- Digital inputs: 14 integrated input LED indicators / lamps,
- 14 integrated 4mm sockets and 14 integrated toggle switches
- Digital outputs: 10 integrated output LED indicators / lamps and 10 integrated 4mm sockets
- Analog inputs: 2 integrated 4mm sockets
- Analog outputs: 2 integrated 4mm sockets
- 4 point of 24Vdc 4 points of 0V
- Built-in power supply 24Vdc, 4.5A

##### (b) PLC Unit

- Min CPU 1215C
- Compact CPU DC/DC/DC
- PROFINET ports: 2
- Onboard I/O: 14 DI 24VDC; 10 DO relay; 0.5A
- With 2 AI 0-10VDC; 2 AO 0-20mA DC
- Power Supply: DC 20.4 - 28.8 VDC
- Program/Data Memory: 125 KB

##### (c) Touch Panel HMI with bracket

- Basic panel
- Touch / Key operation
- 7" TFT display
- 65,536 colors
- Profinet interface

##### (d) Intelligent Gateway IOT2050

- Min Simatic IoT2050

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



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



info@tesca.in  
www.tescaglobal.com

- 2x 10/100/1000 Mbit/s Ethernet RJ45
- 1x USB3.0
- 1x USB client
- MicroSD card slot
- 24Vdc industrial power supply

**(e) Ethernet Switch**

- Ethernet Switch
- Unmanaged industrial Ethernet switch
- 5x 10/100/1000 Mbit/s twisted pair ports
- 24V ac/dc power supply

**(f) Step 7 Basic V16**

- Long Life License
- Engineering Software in TIA Portal Software and Documentation on DVD License Key on USB-Stick Class A
- 6 languages: GE, EN, IT, FR, EP, ZN
- Executable min Under Windows 10 (64 Bit)

**(g) Ethernet Cable**

- Length : 2 meter approx.
- Category: CAT 6 or better
- RJ-45 connector (male)

**(h) Wireless Router**

- 1x 10/100/1000 Mbps WAN/LAN port
- Button reset button, Mode switch
- Internal antenna

**(i) Troubleshooting Board**

- Push-button switches
- Indicator lamps
- Terminal blocks

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