

Features

- ▶ It is Compact CPU with 32 Digital Inputs
- ▶ 32 Digital Outputs 5 Analog Inputs
- ▶ 2 Analog Outputs and PROFINET IRT with 2 port switch
- ▶ Open platform to explore wide PLC applications.
- ▶ Toggle switches push to ON switch
- ▶ Proximity sensor
- ▶ selector switch
- ▶ visual indicator
- ▶ audio indicator
- ▶ DC motor
- ▶ Relay card
- ▶ Contactor and voltage display.
- ▶ It has Powerful instruction sets and Several sample ladder programs student friendly software to develop different programs.
- ▶ It Compact tabletop ergonomic design.



Note Shown image is just for illustration original may differ

Technical Specifications

Toggle switches	-	4 nos.
Push to ON switches	-	3 nos
Proximity sensor	-	1 no.
Selector switch	-	1 no.
Visual indicators	-	4 nos.
Audio indicator	-	1 no.
DC motor	-	1 no
Relay card	-	1 no. (Contains 2 relays)
Contactor	-	1 no.
Compact CPU 1512C-1N Working memory 52KB for program and 1MB for OData		
Digital input	-	32
Digital output	-	32
Analog input	-	5
Analog out put	-	2,
Interface	-	PFROFINET IRT with two port switch , TIA Portal Professional (Licensed) PLC software, Wincc Basic (Licensed) HMI Software.

J.M.D. SALES CORP.

ISO 9001:2015 Co.

Subject to change

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PLC Programming

Introduction/Familiarization PLC Trainer & its Installation with PC

- ▶ *Learn the basics and hardware components of PLC*
- ▶ *Understand configuration of PLC system*
- ▶ *Study various building blocks of PLC*
- ▶ *Determine the No. of digital I/O & Analog I/O*

Execute the different Ladder Diagrams

- ▶ *Demonstrate PLC and Ladder diagram-Preparation downloading and running*
- ▶ *Execute Ladder diagrams for different Logical Gates*
- ▶ *Execute Ladder diagrams using timers & counters*

Execute the Ladder Diagrams with model applications

- ▶ *DOL starter*
- ▶ *Star- Delta starter*

Execute Ladder diagrams with model applications

- ▶ *Stair case lighting*
- ▶ *Traffic light controller*
- ▶ *Water Level Control Module*
- ▶ *Conveyor Module*