



WS1005E-5T

DIN Rail or Wall-Mounted Installation

5-Port 100Mbps Unmanaged Industrial Ethernet Switch

- Supports 5 100Mbps Ethernet ports
- Input Voltage: 12 - 48VDC or 24VAC
- Operating Temperature: -40 - 75°C



工业级



无风扇

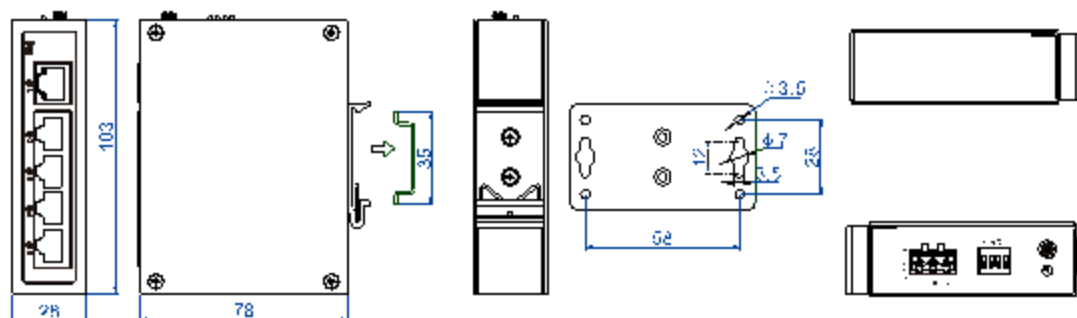
Introduction

The WS1005E-5T is a 5-port 100Mbps unmanaged industrial Ethernet switch. This product provides 100Mbps Ethernet ports and adopts DIN rail or wall-mounted installation methods, which can meet the requirements of different application sites.

The DIP switch can achieve functions such as loop detection, storm suppression, one-key VLAN, and flow control. The hardware is fanless and low-power-consuming. It has passed strict tests in line with industry standards and can adapt to industrial site environments with harsh EMC requirements. It can be widely applied in industrial fields such as rail transit, smart cities, safe cities, new energy, and intelligent manufacturing.

Appearance Dimensions

Unit: mm



Specifications

Standards and Protocols	10Base-T, compliant with IEEE 802.3 100Base-TX, compliant with IEEE 802.3u Flow control, compliant with IEEE 802.3x
Interfaces	Ethernet Ports: 10/100Base-T(X), RJ45, full/half-duplex mode, MDI/MDI-X auto-detection
Indicators	Power indicator, interface indicator
Switching Attributes	Transmission Mode: Store-and-Forward MAC Address: 2K Backplane Bandwidth: 1G Switching Latency: <10μs

Power Supply	12 - 48VDC or 24VAC, 3-core 5.08mm pitch terminal block Supports reverse connection protection and built-in 3.0A overcurrent protection
Power Consumption	No-load Power Consumption: 0.4W@24VDC Full-load Power Consumption: 1.0W@24VDC
Operating Environment	Operating Temperature: -40 - 75°C Storage Temperature: -40 - 85°C Relative Humidity: 5% - 95% (non-condensing)
Mechanical Structure	Enclosure: IP40 protection level, metal enclosure Installation: DIN rail or wall-mounted installation Dimensions (Width × Height × Depth): 28mm × 103mm × 78mm
Industry Standards	IEC 61000-4-2 (ESD) • Air Discharge: ±8kV • Contact Discharge: ±6kV IEC 61000-4-4 (EFT) • Power Supply: ±2kV • Ethernet Interface: ±1kV IEC 61000-4-5 (Surge) • Power Supply: Common Mode ±2kV, Differential Mode±1kV • Ethernet Interface: Common Mode ±2kV, Differential Mode±1kV Shock: IEC 60068-2-27 Free Fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certifications	CE, FCC, RoHS
Warranty	5years
MTBF Value	510465 hrs

Ordering Information

Order number	100Mbps Ethernet Ports	Power Supply
WS1005E-5T	5	12~48VDC 或 24VAC



Company Introduction

Established in 2011, WideIoT is a leading provider of industrial Internet of Things products and industrial digital solutions. It focuses on offering products and solutions such as wireless data terminals, industrial intelligent gateways, equipment remote systems, and industrial application cloud platforms for equipment manufacturers, smart factories, and industry projects. It helps customers achieve digital operation management and tap new values in the industrial Internet.

The products of WideIoT are widely used in various industrial fields, including smart factories, equipment manufacturers, the environmental protection industry, the energy industry, municipal engineering, industrial automation, smart agriculture, and building intelligence. They are favored by top - tier domestic and foreign customers such as BOE, Foxconn, ASD, TCL, Schneider, Shanghai Electric, Shougang Group, Water Affairs Group, and Southern Power, as well as a large number of small and medium - sized enterprises.

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