

VT-SW5GPN

5-Port Layer 2 Gigabit DIN-Rail PROFINET Industrial Ethernet Switch



- Support 5*10/100/1000Base copper ports, provide users with flexible networking methods
- Support PROFINET protocol priority transmission
- The copper port supports 10/100/1000M, full/half duplex, auto MDI/MDI-X, plug and play
- Support Jumbo frame transmission, maximum frame length 9kByte
- Support dual DC9~60V or AC24V power input, support dual power redundancy, non-polarity
- High-strength metal casing, IP40 protection level, fanless casing for heat dissipation, working reliably in harsh industrial environments ranging -40°C~+75°C





Product Description

The VT-SW5GPN is a 5-port Gigabit unmanaged rail-mounted PROFINET industrial Ethernet switch designed for industrial communication network applications. It supports PROFINET protocol priority transmission. Each copper port has a 10/100/1000M adaptive function, supports full-duplex or half-duplex mode. Its automatic MDI/MDI-X capability simplifies installation, making it an ideal choice for straightforward, plug-and-play applications. Crafted from high-strength aluminum alloy, this switch is built to withstand harsh industrial environments. Its fanless design ensures quiet operation, while the wide temperature range of -40°C to +75°C keeps it performing in extreme conditions. With a 35mm standard rail-mounted setup and industrial-grade components, the VT-SW5GPN is engineered for durability and stability. Its high-standard industrial protection design guarantees uninterrupted communication, even in the most challenging scenarios. This product can be widely used in industrial fields such as industrial automation, integrated energy, smart cities, intelligent transportation, and smart factories.


Specification

Protocol Standards	
IEEE Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab
Switch Capability	
Processing Type	Store-and-Forward
Backplane Bandwidth	14Gbps
Buffer Size	2Mbit
Jumbo Frame	9kByte
MAC Table Size	2K
Interface	
Copper Port	5 *10/100/1000Base-T(X) auto-sensing 100M RJ45 ports, supporting full/half duplex, auto MDI/MDI-X
Status LED	Power indicator, interface indicator
Power Supply	
Input Voltage	DC9~60V or AC24V, dual power supply redundancy, no polarity
Power Consumption	<2.1W@DC24V(full load)
Connection	5-pin 5.08mm pitch lock terminal block
Physical Characteristics	
Dimensions	102×33×78 mm (DIN rail mounting clip excluded)
Installations	Standard installation on 35mm DIN rails
IP Code	High-strength aluminum alloy housing, IP40
Weight	about 0.3kg
Working Environment	
Operating Temp	-40°C~ +75°C
Storage Temp	-40°C~ +85°C



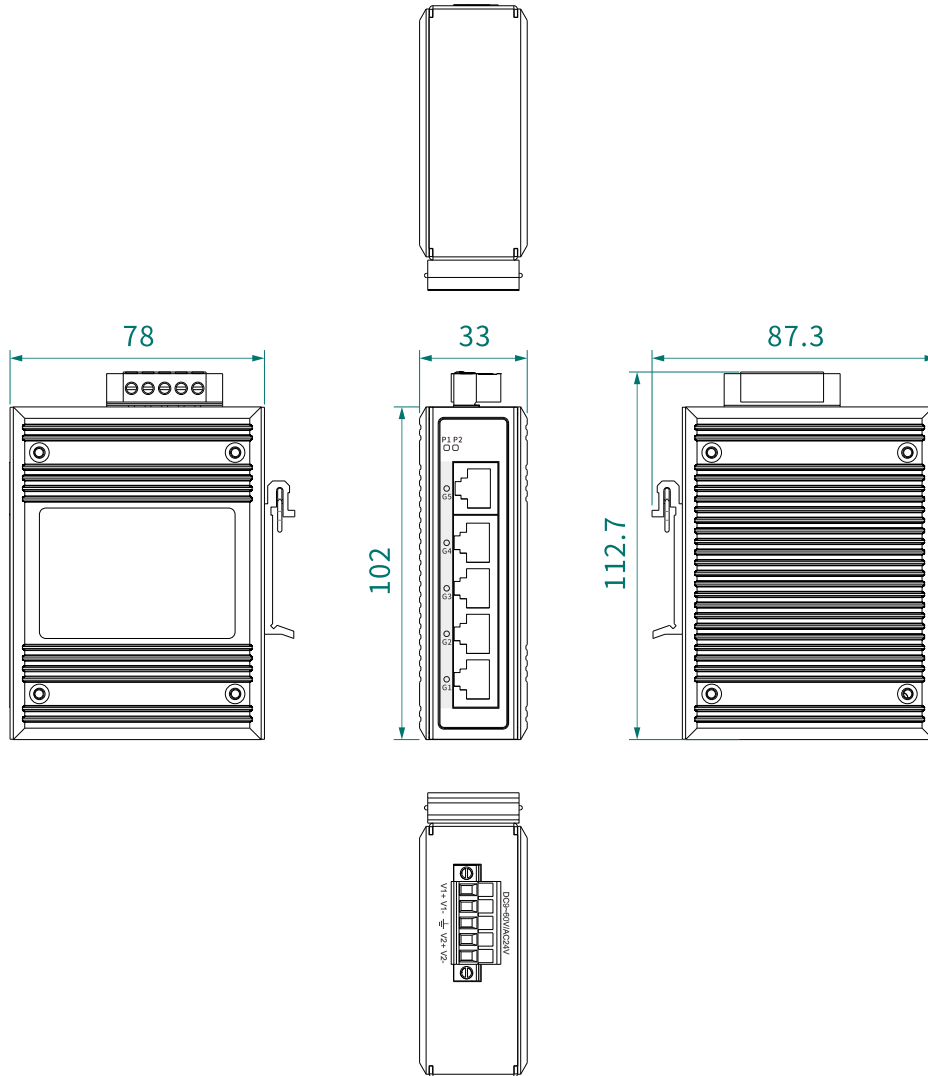
Specification

Relative Humidity	5%~95% (non-condensing)
Industry Standards	
EMC	IEC 61000-4-2 (ESD): Level 4 IEC 61000-4-5 (Surge): Level 4 IEC 61000-4-4 (EFT): Level 4
Certification	CE, FCC, RoHS, UL



Dimensions

Unit: mm





Ordering Information

Standard Model	10/100/100M Copper Port	Input Voltage
VT-SW5GPN	5	Dual DC9~60V Or AC24V

Contact Us

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