

# VT-SW5PN

## 5-Port Layer 2 100M DIN-Rail Industrial Ethernet Switch



- Support 5\*100M copper ports
- Support PROFINET protocol priority transmission
- The copper port supports 10/100M, full/half duplex, auto MDI/MDI-X, plug and play
- Support Jumbo frame transmission, maximum frame length 2kbyte
- Support half-duplex back pressure or full-duplex IEEE802.3x flow control
- 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, work in -40°C~+75°C





## Product Description

The VT-SW5PN is a 5-port 100M unmanaged rail-mounted industrial Ethernet switch designed for industrial communication network applications, it supports PROFINET protocol priority transmission. Each 100M copper port has a 10/100M 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  $-40^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$  keeps it performing in extreme conditions. With a 35mm standard rail-mounted setup and industrial-grade components, the MIES205 is engineered for durability and stability. Its high-standard industrial protection design guarantees uninterrupted communication, even in the most challenging scenarios. The 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, IEEE802.3x
Switch Capability	
Backplane Bandwidth	1Gbps
Buffer Size	768Kbit
Jumbo Frame	2kbyte
MAC Table Size	2K
Interface	
100M Copper Port	5 *10/100Base-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	< 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 0.27kg
Working Environment	
Operating Temp	-40℃~ +75℃
Storage Temp	-40℃~ +85℃
Relative Humidity	5%~95% (non-condensing)

 Specification

Industry Standards	
EMC	IEC 61000-4-2 (ESD): Level 3 IEC 61000-4-5 (Surge): Level 4 IEC 61000-4-4 (EFT): Level 4



 **Ordering Information**

Standard Model	100M Copper Port	Input Voltage
VT-SW5PN	5	Dual DC9~60V Or AC24V

 **Contact Us**

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