



Model NS-105 Industrial Ethernet Switch

This 5-port 10/100 Ethernet switch provides five 10/100Mbps ports (RJ45). All ports auto sense connection speed and full or half duplex; provide store and forward architecture and non-blocking switching.

Features

- Complies with IEEE 802.3 10 Base-T, IEEE 802.3u 100 Base-TX, and IEEE 802.3x flow control standards
- Provide 5 10/100 Mbps switch ports
- Each port supports both 10/100 Mbps speed auto-negotiation and auto-sensing
- Full/half duplex operation for each port
- Supports 8K MAC addresses
- Store-and-forward architecture
- Non-blocking switching
- Supports full-duplex flow control (IEEE 802.3x)
- Back-pressure flow control in half duplex mode
- Compact design with small footprint
- DIN rail mount for industrial usage

Specifications

- Port Configuration: Auto-negotiation for connection speed and duplex type
- Connector: Shielded RJ-45 jack
- Cables: 10 Base-T (Cat.3, 4, 5 UTP cable, 100m max.)
100 Base-T (Cat.5 UTP cable, 100m max.)
- Filtering Address: Unicast / Multicast / Broadcast address: 8K MAC addresses per unit
- Filtering Rate: 14,880 pps for Ethernet, 148,800 pps for Fast Ethernet
- Forwarding Rate: 14,880 pps for Ethernet, 148,800 pps for Fast Ethernet
- RAM Buffers: 2MB
- LEDs: Power status
10/100, Link/Activity, Duplex/Collision status for each port
- Environment: Temperature: 32 to 140°F (0 to 60°C)
Relative Humidity: 10% to 90% non-condensing
- Dimensions: 6.3 x 5.0 x 2.8 in (16.0 x 12.5 x 7.0 cm)
- Power: DC 10 ~ 30 V, 7W

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