NS-205
5-Port Industrial 10/100 Mbps Ethernet Switch

POWER ●

Introduction:

The NS-205 has 5 Ethernet Switching ports that support 10/100Base-T, with a 10/100M auto-negotiation feature and auto MDI/MDIX function.

It can connect 5 workstations and automatically switches the transmission speed (10 Mbps or 100 Mbps) for corresponding connections. The flow control mechanism is also negotiated.

There is activity/link/data rate LEDs for each port to aid trouble-shooting. Port connectors are shielded RJ-45. A power source for 10-30VDC is required.

Features:

- Automatic MDI / MDI-X crossover for plug-and-play
- Each port supports both 10/100 Mbps speed auto negotiation
- Store-and-forward architecture
- Full duplex IEEE 802.3x and half duplex backpressure flow control
- Supports +10 ~ +30V DC voltage
- Supports operating temperatures from 0 ~ +60 degrees
- DIN rail mount for industrial usage

Specifications:

- Compatibility:IEEE 802.3, IEEE802.3u, IEEE802.3x
- Interface: 10/100 Base-T
- Port: 10/100 Mbps x 5 (Shielded RJ-45 Jack)
- Provides LEDs for network and power monitoring
- ESD Protection:
    4KV Contact Discharge
    8KV Air-Gap Discharge
- Cables:
    10 Base-T (Cat.3, 4,5 UTP cable; 100m Max.)
    100 Base-T (Cat.5 UTP cable; 100m Max.)
- Environment:
    Operating temperature: 0 ~ +60 degrees
    Storage Temperature: –20 ~ +85 degrees
    Relative Humidity: 10% to 90% non-condensing
- Dimensions: 32.6 x 98.2 x 77.2 mm (W x H x D)
- Power requirements: 10 to 30V DC (Removable Terminal Block)
- Low power consumption: 2.0W; Max

LED functions:

LED	Color	Description
Power	Red	Power is On
	Off	Power is Off
10/100M (Port 1)	Yellow	Link to 10 Mbps
	Green	Link to 100 Mbps
	Off	Not Networking
10/100M (Port 2)	Yellow	Link to 10 Mbps
	Green	Link to 100 Mbps
	Off	Not Networking
10/100M (Port 3)	Yellow	Link to 10 Mbps
	Green	Link to 100 Mbps
	Off	Not Networking
10/100M (Port 4)	Yellow	Link to 10 Mbps
	Green	Link to 100 Mbps
	Off	Not Networking
10/100M (Port 5)	Yellow	Link to 10 Mbps
	Green	Link to 100 Mbps
	Off	Not Networking