CAGE/NCAGE Code: 3FNFO

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High Quality Data Acquisition and Embedded Control Products

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

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 –30 ~ +75 ℃
- DIN rail mount for industrial usage

Specifications:
- Compatibility: IEEE 802.3, IEEE802.3u, IEEE802.3x
- CE and FCC Certified
- Vibration Standard: IEC61373
- Electrical Standard: EN50155
- Interface: 10/100 Base-T
- Port: 10/100 Mbps x 5 (Shielded RJ-45 Jack)
- Provides LEDs for network and power monitoring
- ESD Protection:
- 8KV Contact Discharge
  15KVAir-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: –30⁰c ~ +75⁰c
- Storage Temperature: –30⁰c ~ +85⁰c
- Relative Humidity: 10% to 90% non-condensing

- **Dimensions: 32.30 x 99.00 x 77.50 mm (W x H x D)**

- **Power requirements: 10 to 30V DC (Removable Terminal Block)**

- **Low Power Consumption: 0.052A@24vdc, +/- 5%, allowed**

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