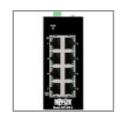


# 8-Port Unmanaged Industrial Ethernet Switch - 10/100 Mbps, Ruggedized, -40° to 75°C, DIN Mount

MODEL NUMBER: NFI-U08-2











Industrial-grade switch expands Ethernet connectivity to factory floors and other environments with space constraints and wide temperature ranges.

#### **Features**

## 8-Port Unmanaged Ethernet Switch Connects Your Devices to a LAN

This space-saving switch transmits data over an Ethernet network. Eight auto-negotiating 10/100 Mbps ports send data only to the devices designated to receive it, which improves the efficiency and potential throughput of the network.

#### Ruggedized Metal Housing Built to Last in Harsh Environments

The compact NFI-U08-2 adds 10/100 Mbps Ethernet capacity to your industrial and commercial applications, such as factory floors, warehouse operations and other environments with space constraints and wide temperature ranges. The industrial-grade high-strength case withstands vibration, shock and free fall. It can also operate in extreme temperatures ranging from -40 to 75 degrees Celsius (-40 to 167 degrees Fahrenheit).

#### **Unmanaged Switch Requires Little to No Configuration**

Quickly connect your network devices with little to no configuration. LEDs indicate when the switch is powered on and which Ethernet ports are showing activity. The NFI-U08-2 supports MAC address autolearning and auto-aging for efficient routing, as well as automatic MDI/MDI-X crossover detection for plugand-play functionality. IEEE 802.3x flow control allows smooth transmission of large files.

# Works with the Most Popular Web Browsers

The NFI-U08-2 is browser-based and works independently from the connected computer's operating system. Because switch compatibility is based on common hardware standards, rather than system software dependencies, the NFI-U08-2 accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

# Pre-Installed DIN Rail Clip Allows for Convenient Installation

The open-type device may be DIN mounted using the pre-installed rail clip, which mounts firmly to any standard 35 mm DIN rail. A 2-pin 12–48VDC terminal block supplies power input. Device power shall be supplied by 61010-2-201 R/C power with LPS (Limited Power Source).

#### **TAA-Compliant for GSA Schedule Purchases**

# **Highlights**

- 8 auto-negotiable 10/100 Mbps RJ45 ports connect devices over a LAN
- Industrial-grade switch supports operating temperature range of -40° to 75°C
- Easy-to-read LEDs indicate connection and activity status for all 8 Ethernet ports
- Plug-and-play operation with no software or configuration required before use
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

# **Applications**

Expand reliable Ethernet connectivity to factory floors and outdoor environments with space constraints and wide temperature ranges

### **Package Includes**

- NFI-U08-2 8-Port Unmanaged Industrial Switch
- DIN rail-mounting clip (preinstalled)
- Owner's manual



The NFI-U08-2 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

# **Specifications**

OVERVIEW		
UPC Code	037332264558	
Product Type	Unmanaged Industrial Ethernet Switch	
INPUT		
Maximum Input Amps Details	Maximum of 0.2A DC. The device power shall be supplied by 61010-2-201 R/C power with LPS (Limited Power Source)	
Voltage Compatibility (VDC)	12-48	
Power Source	2-Pin Terminal Block	
POWER		
Power Consumption (Watts)	3.00	
USER INTERFACE, ALERTS & CONTROLS		
LED Indicators	1- PWR(Green): for Power; 2- 100(Green): for Ethernet speed 100Mbps; 3- LNK/ACT(Green): for data transmitting/receiving	
PHYSICAL		
Primary Form Factor	DIN-Rail	
Color	Black	
Material of Construction	Metal casing	
Shipping Dimensions (hwd / in.)	2.44 x 9.17 x 7.20	
Shipping Weight (kg)	0.58	
Unit Dimensions (hwd / in.)	3.920 x 1.970 x 4.560	
Unit Dimensions (hwd / cm)	11 x 5 x 11.58	
Unit Weight (lbs.)	0.97	
Unit Weight (kg)	0.44	
ENVIRONMENTAL		
Storage Temperature Range	-40° to 185°F (-40° to 85°C)	
Relative Humidity	5% to 95% (Non-Condensing)	
Operating Temperature	-40 to 167 F (-40 to 75 C)	
COMMUNICATIONS		



Network Compatibility	100 Mbps (Fast Ethernet)
Network Compatibility Details	Auto-negotiable
Switching Capacity	1.6Gbps
Switching Capacity Details	200Mbps Per Port with Full Duplex
CONNECTIONS	
Number of Ports	8
Ports	8
Ports Detail	8x 10/100Base-T
SFP Uplink Ports	0
PoE Supported Ports	0
Network Switch Ports	(8) 10/100 (RJ45)
FEATURES & SPECIFICATIONS	
Jumbo Frames	0
Console Port	No
MAC Auto Learning	Yes
RMON	No
SNMP	No
Storm Control	No
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); IEEE 802.3 10Base-T; IEEE 802.3 Auto-Negotiation; IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control; REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty



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