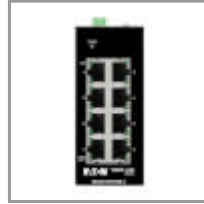# 8-Port Unmanaged Industrial Ethernet Switch - 10/100 Mbps, Ruggedized, -40° to 75°C, DIN Mount, TAA

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 auto-learning and auto-aging for efficient routing, as well as automatic MDI/MDI-X crossover detection for plug-and-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
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.

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 (pre-installed)
- Owner's manual

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

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)

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

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