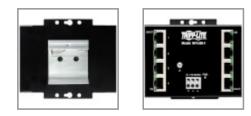


## 8-Port Unmanaged Industrial Ethernet Switch -10/100 Mbps, Ruggedized, -40° to 75°C, DIN/Wall Mount

## MODEL NUMBER: NFI-U08-1





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 Tripp Lite 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-U08-1 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-U08-1 supports MAC address auto-learning 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.

#### 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 3-pin 18-30VDC 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-U08-1 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**

### 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-U08-1 8-Port Unmanaged Industrial Switch
- DIN rail-mounting clip (preinstalled)
- Wall-mount bracket (preinstalled)
- Owner's manual



OVERVIEW		
UPC Code	037332264275	
INPUT		
Maximum Input Amps Details	Maximum of 0.2A DC power. Device power shall be supplied by LPS (Limited Power Source).	
Voltage Compatibility (VDC)	From 18~30	
Power Source	3-Pin Terminal Block	
USER INTERFACE, ALERTS & COM	NTROLS	
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; Wall-mount	
Color	Black	
Material of Construction	Metal casing	
Unit Dimensions (hwd / in.)	4.3 x 0.9 x 2.9	
Unit Weight (kg)	0.19	
Unit Weight (Ibs.)	0.42	
ENVIRONMENTAL		
Storage Temperature Range	-40°F to 185°F (-40°C to 85°C)	
Relative Humidity	5% to 95% (Non-Condensing)	
Operating Temperature	-40°F to 167°F (-40°C to 75°C)	
Power Consumption (Watts)	4.00	
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		
RJ45 Ports	8	
RJ45 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	
Certifications	Compliant Standards: IEEE 802.3 10Base-T; IEEE 802.3U 100Base-TX; IEEE 802.3X Flow Control; IEEE 802.3 Auto-Negotiation
Approvals	FCC, CE, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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