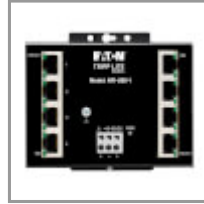


## 8-Port Unmanaged Fast Industrial Ethernet Switch - 10/100 Mbps, Ruggedized, -40° to 75°C, DIN/Wall Mount, TAA

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 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 IP30 industrial-grade aluminum 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. Alternative-language LEDs indicate when the switch is powered ON and which Ethernet ports are showing activity with connection speed. 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 plug-and-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
- Fast 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 Fast Industrial Ethernet Switch
- DIN rail-mounting clip (pre-installed)
- Wall-mount bracket (pre-installed)
- Owner's manual

OVERVIEW	
UPC Code	037332264275
Product Type	Unmanaged Industrial Fast Ethernet Switch
INPUT	
Electrical Consumption (Max)	0
Maximum Input Amps Details	Maximum of 0.2A DC power. Device power shall be supplied by LPS (Limited Power Source).
Voltage Compatibility (VAC)	Input
Voltage Compatibility (VDC)	18-30
Input Plug Type	Hard-wire
Power Source	3-Pin Terminal Block
POWER	
Power Consumption (Watts)	4.00
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; Wall-mount
Color	Black
Material of Construction	Metal casing
Shipping Dimensions (hwd / in.)	2.44 x 9.17 x 7.20
Shipping Dimensions (hwd / cm)	6.20 x 23.29 x 18.29
Shipping Weight (lbs.)	0.93
Shipping Weight (kg)	0.42
Unit Dimensions (hwd / in.)	3.540 x 4.300 x 1.210
Unit Dimensions (hwd / cm)	3.0 x 10.9 x 7.3
Unit Weight (lbs.)	0.32



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Unit Weight (kg)	0.15
<b>ENVIRONMENTAL</b>	
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)
<b>COMMUNICATIONS</b>	
Network Compatibility	100 Mbps (Fast Ethernet)
Network Compatibility Details	Auto-negotiable
Switching Capacity	1.6Gbps
Switching Capacity Details	200Mbps Per Port with Full Duplex
<b>FEATURES &amp; SPECIFICATIONS</b>	
Jumbo Frames	1536
Console Port	No
MAC Auto Learning	Yes
RMON	No
SNMP	No
Storm Control	No
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Compliance	RoHS; CE (Europe); IEEE 802.3 Auto-Negotiation; IEEE 802.3i 10Base-T; IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control; REACH; FCC (USA); Trade Agreements Act (TAA)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

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