

# LNX-500A Series

5-Port Industrial Unmanaged Ethernet Switch, with 5\*10/100Tx



## Features

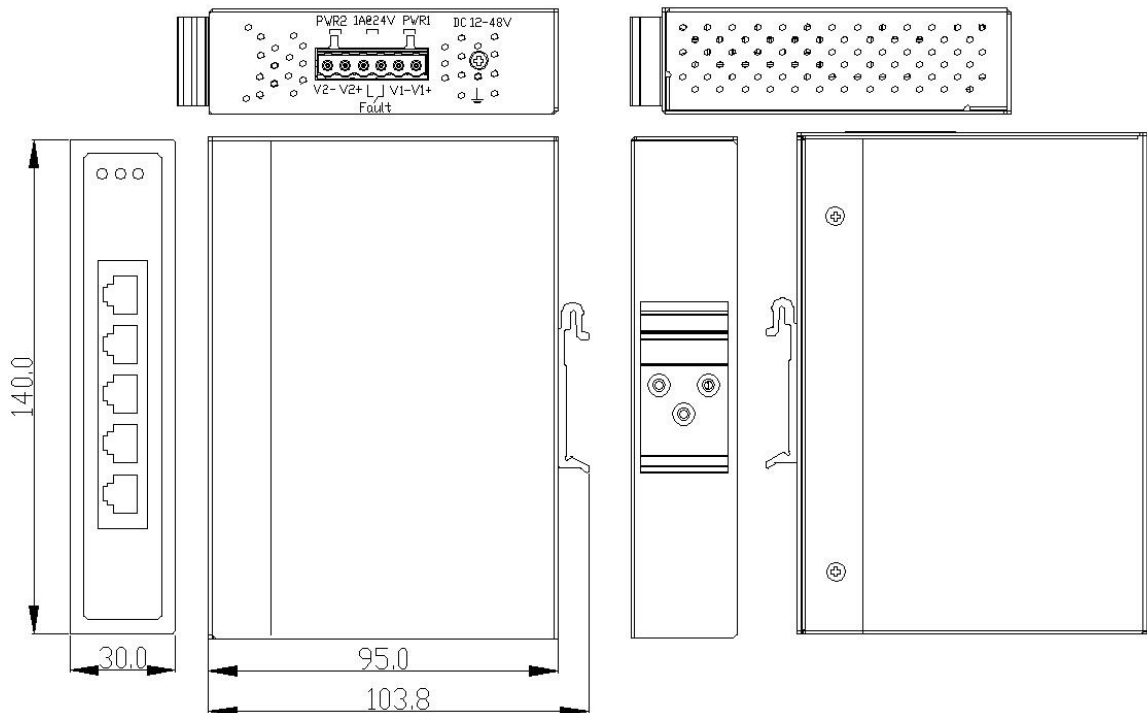
- ▶ Supports 5-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current Resettable Fuse Present
- ▶ Built-in 1 Relay Output for Fault Alarm
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range:
  - STD: -10° to 70°C, EOT: -40° to 75°C
- ▶ UL Class 1 Division 2 Certified
- ▶ 5-Year Warranty

## INTRODUCTION

Antaira's LNX-500A industrial unmanaged Ethernet switch series are IP30 rated and DIN-Rail mountable. Each unit is designed with five 10/100Tx Fast Ethernet ports that have auto detection support for MDI or MDI-X. The LNX-500A series provides high EFT and ESD protection, and the built-in relay warning function alerts maintainers when power failures or port breaks occur.

The LNX-500A series includes two models: one with an operating temperature range of -10 to 70°C, and the other one with an extended operating temperature range of -40 to 75°C. It is a perfectly designed product to fulfill special needs for industrial automation, outdoor applications and harsh weather environments.

## DIMENSIONS



## SPECIFICATIONS

<b>Technology</b>	
<b>Standards</b>	IEEE 802.3 10Tx Ethernet IEEE 802.3U 100Tx Fast Ethernet
<b>Processing Type</b>	Store and Forward
<b>Protocol</b>	CSMA/CD
<b>Flow Control</b>	IEEE 802.3x back pressure flow control
<b>Switch Properties</b>	
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 1.0Gbps Packet Throughput Ability (Full-Duplex): 1.488Mpps @ 64bytes
<b>Transfer Rate</b>	14,880pps For Ethernet Port 148,800pps For Fast Ethernet Por
<b>MAC Table Size</b>	2K
<b>Interface</b>	
<b>Ethernet Port</b>	5 x RJ45 - 10/100T(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
<b>Power</b>	
<b>Input Voltage</b>	12~48VDC, Redundant Input
<b>Overload Current Protection</b>	Present
<b>Connection</b>	1 removable 6-contact terminal block
<b>Reverse Polarity Protection</b>	Yes
<b>Power Consumption</b>	3 Watt
<b>Mechanical Characteristics</b>	
<b>Housing</b>	Metal IP30 protection
<b>Dimensions</b>	30mm (w) x 99mm (d) x 142mm (h)
<b>Weight</b>	Unit Weight: 1 lbs. Shipping Weight: 1.5lbs
<b>Mounting</b>	DIN-Rail or wall mounting (optional)
<b>Environmental Limits</b>	
<b>Operating Temperature</b>	STD: -10° to 70° C EOT: -40° to 75° C
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Regulatory Approvals</b>	
<b>EMI</b>	FCC Class A
<b>EMS</b>	EN6100-4-2,3,4,5,6,8,11,12 EN6100-6-2,4
<b>Free Fall</b>	IEC60068-2-32
<b>Shock</b>	IEC60068-2-27
<b>Vibration</b>	IEC60068-2-6
<b>Green</b>	RoHS Compliant
<b>Certifications</b>	FCC, CE, UL, UL C1D2
<b>Warranty</b>	5 Years

## Ordering Information

<b>LNX-500A</b>	5-Port Industrial Unmanaged Ethernet Switch with 5*10/100Tx
<b>LNX-500A-T</b>	5-Port Industrial Unmanaged Ethernet Switch with 5*10/100Tx ; EOT -40° to 75° C
<b>Optional Accessories</b>	
<b>MDR-10-24</b>	10W Industrial DIN-Rail Power Supply, 24VDC
<b>DR-15-24</b>	15W Industrial DIN-Rail Power Supply, 24VDC