

LNX-500A Series

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



Features

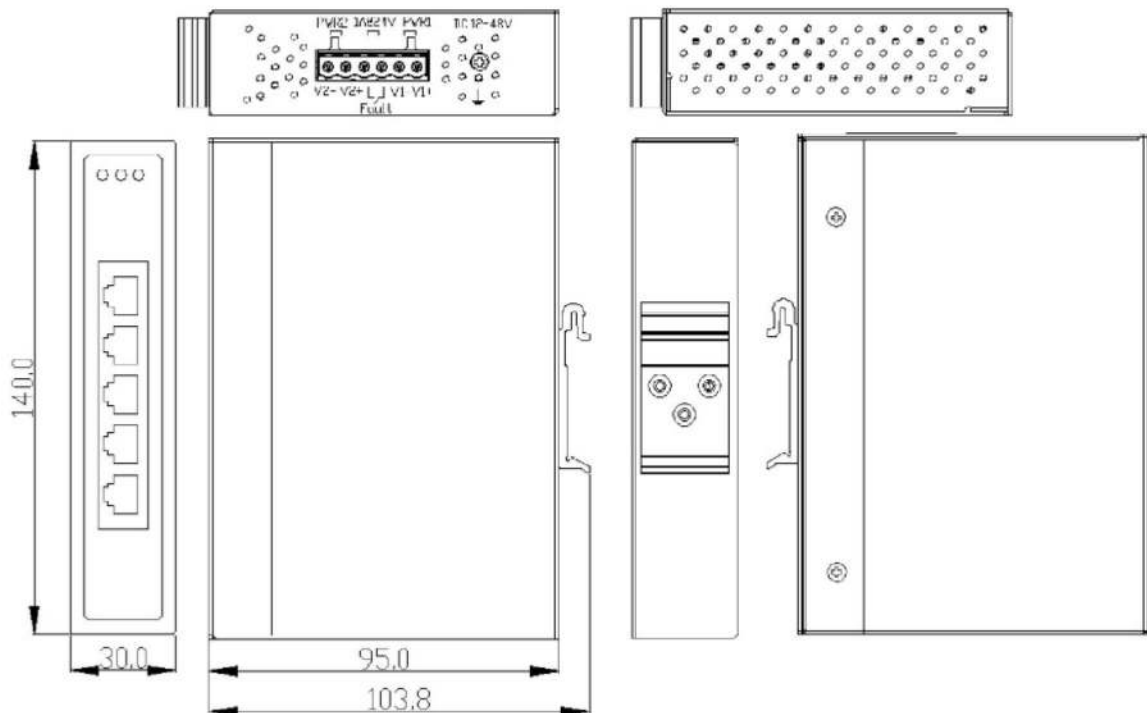
- ▶ Supports 5-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current 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

Technology		Power	
Standards	IEEE 802.3 10Tx Ethernet IEEE 802.3U 100Tx Fast Ethernet	Input Voltage	12~48VDC, Redundant Input
Processing Type	Store and Forward	Overload Current Protection	Present
Protocol	CSMA/CD	Connection	1 removable 6-contact terminal block
Flow Control	IEEE 802.3x back pressure flow control	Reverse Polarity Protection	Yes
Switch Properties		Power Consumption	3 Watt
Switch Architecture	Back-Plane (Switching Fabric): 1.0Gbps Packet Throughput Ability (Full-Duplex): 1.488Mpps @ 64bytes	Mechanical Characteristics	
Transfer Rate	14,880pps For Ethernet Port 148,800pps For Fast Ethernet Port	Housing	Metal IP30 protection
MAC Table Size	2K	Dimensions	30 x 140 x 95 mm (W x H x D)
Interface		Weight	Unit Weight: 1 lbs. Shipping Weight: 1.5lbs
Ethernet Port	5 x RJ45 - 10/100T(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	Mounting	DIN-Rail or wall mounting (optional)
		Environmental Limits	
		Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
		Storage Temperature	-40°C ~ 85°C
		Ambient Relative Humidity	5 to 95%, (non-condensing)
		Regulatory Approvals	
		EMI	FCC Class A
		EMS	EN6100-4-2,3,4,5,6,8,11,12 EN6100-6-2,4
		Free Fall	IEC60068-2-32
		Shock	IEC60068-2-27
		Vibration	IEC60068-2-6
		Green	RoHS Compliant
		Certifications	FCC, CE, UL 60950-1, UL Class 1 Division 2, ISA 12.12.01
		Warranty	5 Years

ORDERING INFO

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