LNX-500A Series

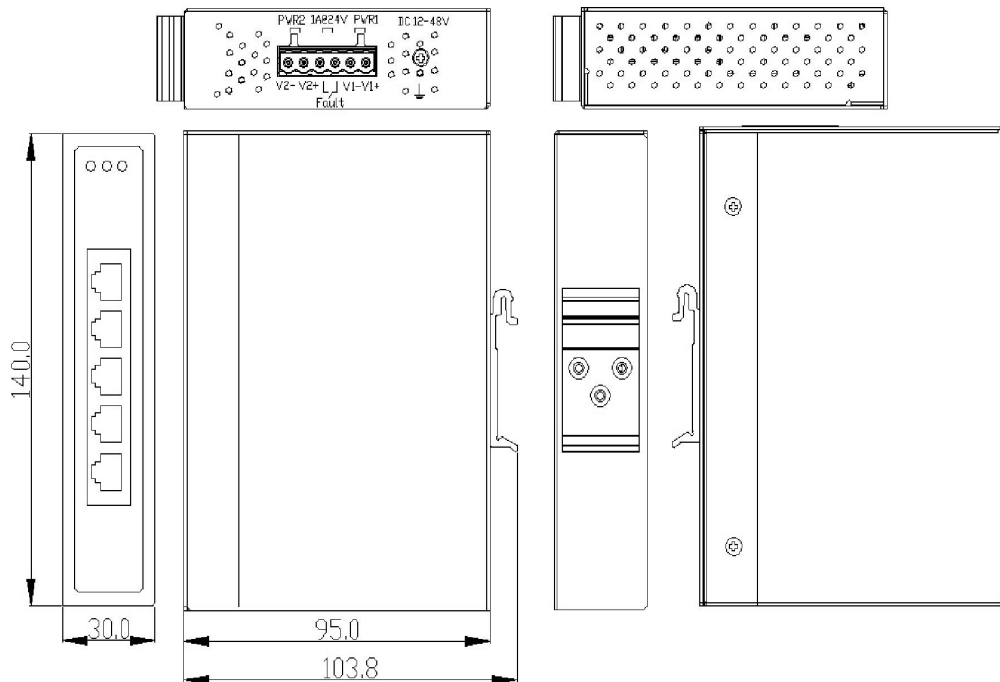**5-Port Industrial Unmanaged Ethernet Switch, with 5*10/100Tx**

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

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SPECIFICATIONS

Technology	
Standards	IEEE 802.3 10Tx Ethernet IEEE 802.3U 100Tx Fast Ethernet
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x back pressure flow control
Switch Properties	
Switch Architecture	Back-Plane (Switching Fabric): 1.0Gbps Packet Throughput Ability (Full-Duplex): 1.488Mpps @ 64bytes
Transfer Rate	14,880pps For Ethernet Port 148,800pps For Fast Ethernet Port
MAC Table Size	2K
Interface	
Ethernet Port	5 x RJ45 - 10/100T(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection

Power	
Input Voltage	12~48VDC, Redundant Input
Overload Current Protection	Present
Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Yes
Power Consumption	3 Watt
Mechanical Characteristics	
Housing	Metal IP30 protection
Dimensions	30 x 140 x 95 mm (W x H x D)
Weight	Unit Weight: 1 lbs. Shipping Weight: 1.5lbs
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

Assured Systems

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