

LNx-800A Series

8-Port Industrial Unmanaged Ethernet Switch, with 8*10/100Tx



Features

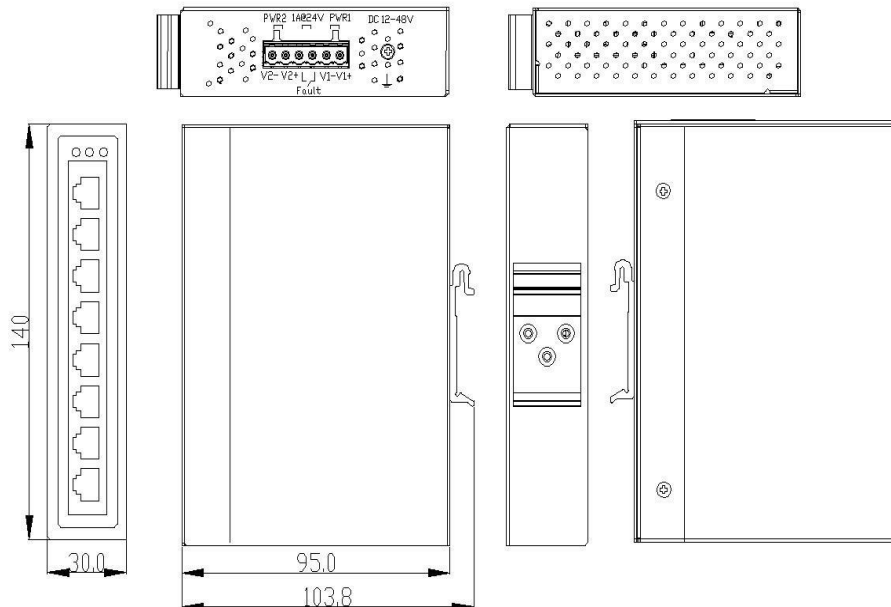
- ▶ Supports 8-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current 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 Technologies' LNX-800A series industrial unmanaged Ethernet switch is 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-800A series provide high EFT and ESD protection and the built-in relay warning function alerts maintainers when power failures or port breaks occur.

The LNX-800A 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		Mechanical Characteristics	
Standards	IEEE 802.3 10Tx Ethernet IEEE 802.3U 100Tx Fast Ethernet	Housing	Metal, IP30 protection
Processing Type	Store-and-Forward	Dimensions	30 x 140 x 95 mm (W x H x D)
Protocol	CSMA/CD	Weight	Unit: 1.0 lb Shipping: 1.5 lbs
Flow Control	IEEE 802.3x back pressure flow control	Mounting	DIN-Rail or Wall mounting (optional)
Switch Properties		Environmental Limits	
Switch Architecture	Back-Plane (Switching Fabric): 1.0Gbps Packet Throughput Ability (Full-Duplex): 1.488Mpps @ 64bytes	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Transfer Rate	14,880pps For Ethernet Port 148,800pps For Fast Ethernet Port	Storage Temperature	-40°~85°C
MAC Table Size	2K	Ambient Relative Humidity	5 to 95%, (non-condensing)
Interface		Regulatory Approvals	
Ethernet Port	8*RJ45 - 10/100T(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	EMI	FCC Class A
Power Requirement		EMS	EN6100-4-2,3,4,5,6,8,11,12 EN6100-6-2,4
Input Voltage	12~48VDC, Redundant Input	Free Fall	IEC60068-2-32
Power Connection	1 removable 6-contact terminal block	Shock	IEC60068-2-27
Reverse Polarity Protection	Present	Vibration	IEC60068-2-6
Overload Current Protection	Present	Green	RoHS Compliant
Power Consumption	5 Watt	Certifications	FCC, CE, UL 60950-1, UL 61010-1 UL 61010-2-201, ISA 12.12.01, UL Class 1 Division 2
		Safety	E-Mark for LNX-800A-E series only
		Warranty	5 Years

ORDERING INFO

LNX-800A	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx
LNX-800A-T	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx; EOT: -40° to 75°C
LNX-800A-E	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx, with E-Mark certification
LNX-800A-E-T	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx, with E-Mark certification; 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

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