

LNX-800A Series

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



Features

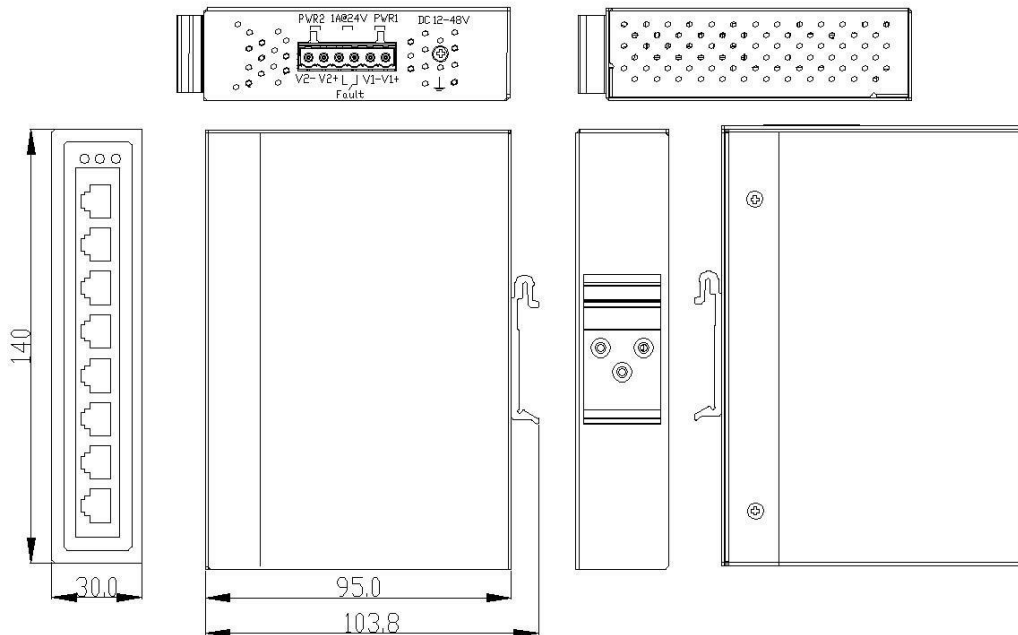
- ▶ Supports 8-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current 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



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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