

LNX-800A-E Series

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



Features

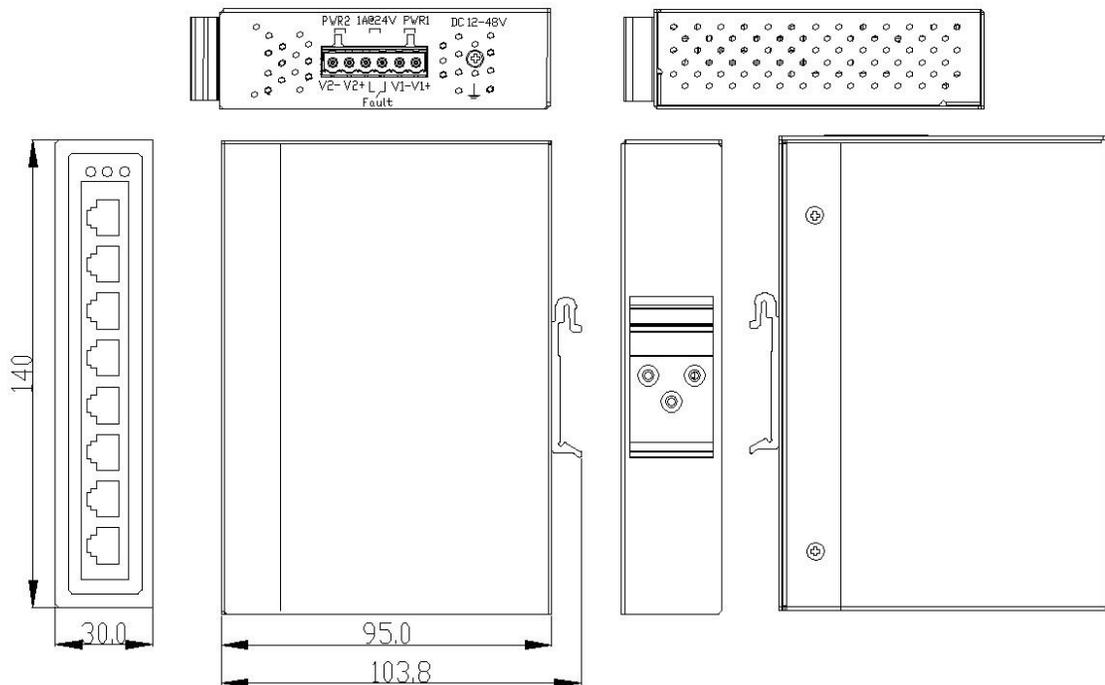
- ▶ E-Mark certified for vehicle applications
- ▶ Supports 8-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current 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-800A-E industrial unmanaged Ethernet switch series are IP30 rated and DIN-Rail mountable. Each unit is designed with eight 10/100Tx Ethernet ports that have auto detection support for MDI or MDI-X. The LNX-800A-E 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-800A-E 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 vehicle applications, industrial automation, and harsh weather environments.

DIMENSIONS



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 Por
MAC Table Size	2K
Interface	
Ethernet Port	8 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	5 Watt
Mechanical Characteristics	
Housing	Metal IP30 protection
Dimensions	30mm (w) x 99mm (d) x 142mm (h)
Weight	Unit Weight: 1 lb 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 60850-1, UL 61010-1 UL 61010-2-201, ISA 12.12.01
Safety	E-Mark
Warranty	5 Years

ORDERING INFO

LNX-800A-E	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx, w/ E-Mark certification
LNX-800A-E-T	8-Port Industrial Unmanaged Ethernet Switch with 8*10/100Tx, w/ 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