

LNX-800A-T-CC

8-Port Slim Industrial Ethernet Switch, EOT: -40°~75°C, with Conformal Coating



Features

- ▶ Conformal Coating
- ▶ Support 8-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Support 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 Reverse 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: EOT: -40° to 75°C
- ▶ 5-Year Warranty

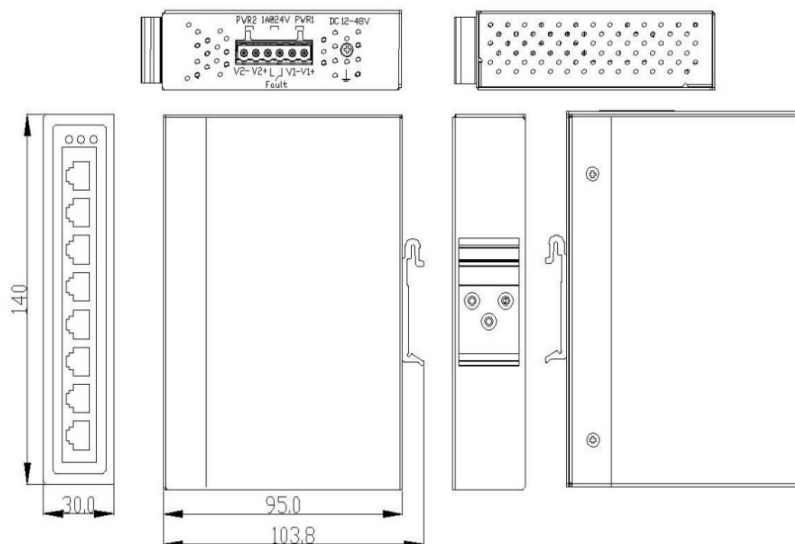
INTRODUCTION

Antaira Technologies' LNX-800A-T-CC 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-T-CC provide high EFT and ESD protection and the built-in relay warning function alerts maintainers when power failures or port breaks occur.

Conformal coating is a specialty film which conforms to the contours of the printed circuit board to protect the board from adverse environmental conditions. Antaira's conformal coating process meets or exceed the standards for protection against gases, dust, and water.

The LNX-800A-T-CC has 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 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet	Housing	Metal IP30 protection
Processing Type	Store and Forward	Dimensions	30 x 95 x 140mm
Protocol	CSMA/CD	Weight	Unit: 1.0 lb Shipping: 1.5 lbs
Flow Control	IEEE 802.3x flow control, back pressure flow control	Mounting	DIN-Rail or Wall mounting (optional)
Switch Properties		Environmental Limits	
Switch Architecture	Back-Plane: Non-Blocking Switching Fabric	Operating Temperature	EOT: -40° to 75°C
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port	Storage Temperature	-40°~85°C
Memory Buffer	448Kbits	Ambient Relative Humidity	5 to 95%, (Non-condensing)
MAC Table Size	2K	Regulatory Approvals	
Interface		EMI	FCC Class A EN6100-4-2,3,4,5,6,8,11,12 EN6100-6-2,4
Ethernet Port	8*10/100Tx RJ45 auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	Free Fall	IEC60068-2-32
LED Indicators	Power 1, Power 2, Fault Ethernet: On-Link / Flash-Data transmitting	Shock	IEC60068-2-27
Network Cable	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)	Vibration	IEC60068-2-6
Power Requirement		Green	RoHS Compliant
Input Voltage	12~48VDC, Redundant Input	Certifications	FCC, CE, UL 61010-1, UL 61010-2-201 IEC 60068-2-11, IEC 60068-2-52, IEC 60068-2-60 IPC-CC-830B, MIL-I-46058C, IEC 61086-2 (Class 2), UL 94, UL 746E ISO 9223 (Class C5-Very High, Class GX-Severe) ANSI/ISA 71.04 (Class GX-Severe)
Power Connection	1 removable 6-contact terminal block	Corrosion Prevention	
Reverse Polarity Protection	Present	Warranty	5 Years
Overload Current Protection	Present		
Power Consumption	5 Watts		

ORDERING INFO

LNX-800A-T-CC 8-Port Slim Industrial Ethernet Switch, EOT: -40°~75°C, with Conformal Coating

Optional Accessories

DIN-RACK-2U	DIN-Rail to 19" Rack Mount Adapter for all DIN-Rail Mountable Products, 2U Height
DIN-RAIL-10	35mm Steel DIN-Rail Track – 10 Inches Long
MDR-10-24	10 Watt Industrial Single Output DIN-Rail Power Supply – 24 VDC / 0.42 Amp
DR-15-24	15 Watt Industrial Single Output DIN-Rail Power Supply – 24 VDC / 0.63 Amp

Assured Systems

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