

LNX-C800 Series

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



Features

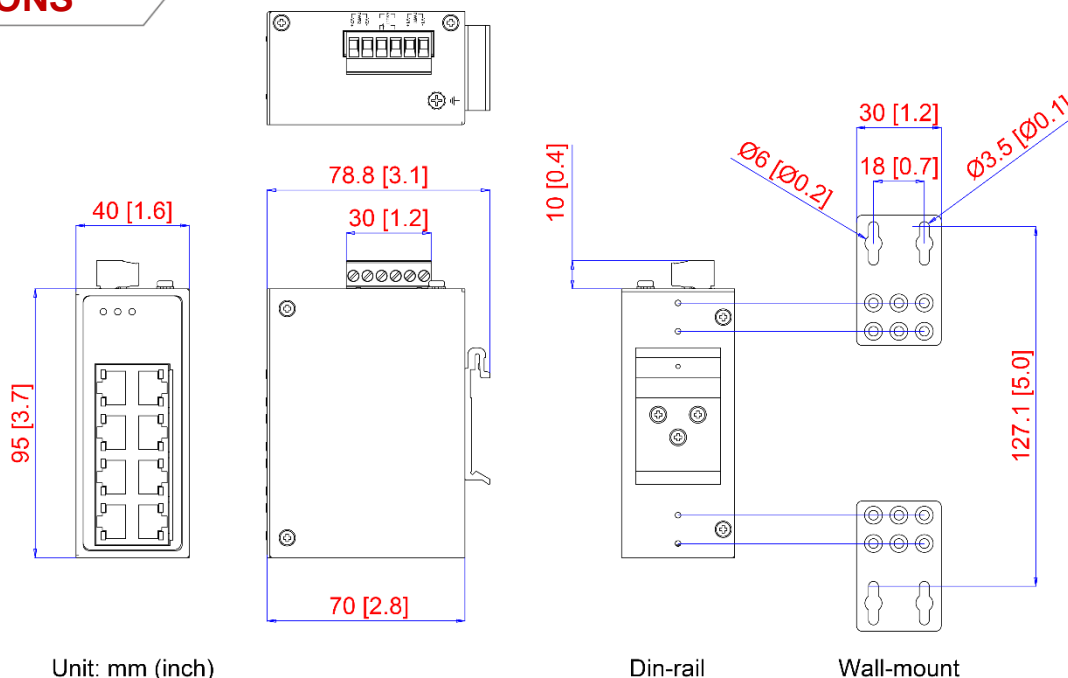
- ▶ Compact Industrial Grade Design
- ▶ Supports 8-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reverse Protection
- ▶ Overload Current Protection
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range:
 - STD: -10° to 65°C, EOT: -40° to 75°C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' **LNX-C800 series** is a compact 8-port industrial Ethernet switch. The small form factor of this metal IP30 rated industrial switch is 30% smaller allowing for a more versatile implementation. The LNX-C800 series is equipped with 8*10/100Tx RJ45 Ethernet ports. The industrial-grade design and compact size of the LNX-C800 series make this the ideal unit for integration into projects or other applications that need a small footprint.

The LNX-C800 series supports reverse polarity and overload current protection. This product series supports DIN-rail as well as wall-mountable orientations and provides operating temperature range models in STD: -10°C to 65°C and EOT: -40°C to 75°C. This is an industrial-grade unit applicable for networking applications in factory automation, ITS, power/utility, water wastewater treatment plants, or any application that needs a compact solution.

DIMENSIONS



SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet	LED Indicator	Per Unit: Power 1 & 2, and Fault
Switch Properties		Housing	Metal IP30 rated
Protocol	CSMA/CD	Dimensions	40 x 95 x 70 mm
Processing Type	Store and Forward	Weight	Unit: 0.74 lb; Shipping: 1.05 lbs
Transfer Rate	14,880pps for 10Base-T Ethernet port 148,800pps for 100Base-T Fast Ethernet port	Mounting	DIN-Rail; Wall-mount (optional)
Switching Fabric (Back-Plane)		Power Requirement	
Packet Buffer	1.6Gbps	Input Voltage	12~48VDC Redundant Input
MAC Table Size	448 Kbits	Power Connection	1 removable 6-contact terminal block
Flow Control	IEEE 802.3x for full duplex mode, back pressure for half duplex mode	Power Consumption	2.2 Watts
Port Interface		Environmental Limits	
Ethernet RJ45 Port	8*10/100BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	Operating Temperature	STD: -10° to 65°C EOT: -40° to 75°C
Protection		Storage Temperature	-40°C ~ 85°C
Overload Current Protection	Present (Slow-Blown Fuse)	Ambient Relative Humidity	5 to 95%, (non-condensing)
Power Reverse Polarity	Present	Regulatory Approvals	
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable	EMI	FCC Part 15 Subpart B Class A, CE EN55032 Class A
		EMS	EN61000-6-2, 4 CE EN55035 Class A
		Free Fall	IEC60068-2-32
		Shock	IEC60068-2-27
		Vibration	IEC60068-2-6
		Green	RoHS Compliant
		Certifications	FCC, CE
		Safety	UL 61010-1, UL 61010-2-201 (pending)
		Warranty	5 Years

ORDERING INFO

LNX-C800	8-Port Industrial Compact Unmanaged Ethernet Switch with 8*10/100Tx
LNX-C800-T	8-Port Industrial Compact Unmanaged Ethernet Switch with 8*10/100Tx; EOT: -40° to 75°C