

# LNX-C800 Series

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



## Features

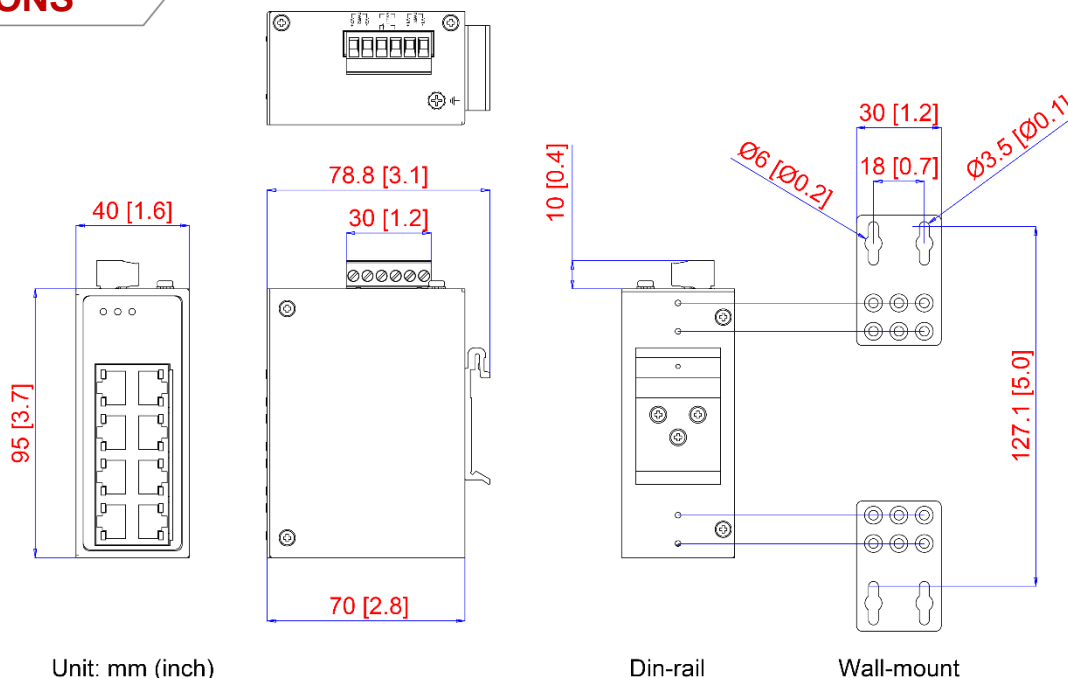
- ▶ Compact Industrial Grade Design
- ▶ Supports 8-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reverse Protection
- ▶ Overload Current Protection
- ▶ IP30 Rugged Metal 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	
<b>Standards</b>	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet	<b>LED Indicator</b>	Per Unit: Power 1 & 2, and Fault
Switch Properties		<b>Housing</b>	Metal IP30 rated
<b>Protocol</b>	CSMA/CD	<b>Dimensions</b>	40 x 95 x 70 mm
<b>Processing Type</b>	Store and Forward	<b>Weight</b>	Unit: 0.74 lbs; Shipping: 1.05 lbs
<b>Transfer Rate</b>	14,880pps for 10Base-T Ethernet port 148,800pps for 100Base-T Fast Ethernet port	<b>Mounting</b>	DIN-Rail; Wall-mount (optional)
Switching Fabric (Back-Plane)		Power Requirement	
<b>Packet Buffer</b>	448 Kbits	<b>Input Voltage</b>	12~48VDC Redundant Input
<b>MAC Table Size</b>	1K	<b>Power Connection</b>	1 removable 6-contact terminal block
<b>Flow Control</b>	IEEE 802.3x for full duplex mode, back pressure for half duplex mode	<b>Power Consumption</b>	2.2 Watts
Port Interface		Environmental Limits	
<b>Ethernet RJ45 Port</b>	8*10/100BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	<b>Operating Temperature</b>	STD: -10° to 65°C EOT: -40° to 75°C
Protection		<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Overload Current Protection</b>	Present (Slow-Blown Fuse)	<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Power Reverse Polarity</b>	Present	Regulatory Approvals	
<b>Network Cable</b>	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable	<b>EMI</b>	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
		<b>EMS</b>	CE EN55035/EN61000-6-2 Class A IEC61000-4-2,3,4,5,6,8
		<b>Free Fall</b>	IEC60068-2-32
		<b>Shock</b>	IEC60068-2-27
		<b>Vibration</b>	IEC60068-2-6
		<b>Green</b>	RoHS Compliant
		<b>Certifications</b>	FCC, CE, UL 61010-1, UL 61010-2-201
		<b>Warranty</b>	5 Years

## ORDERING INFO

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