

LNX-C800 Series

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



Features

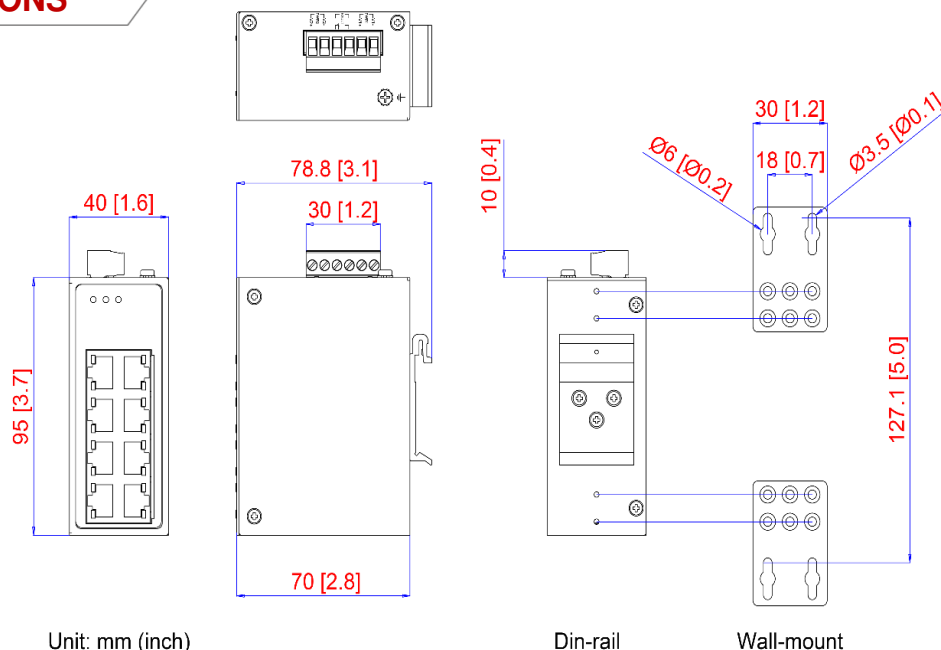
- ▶ Compact Industrial Grade Design
- ▶ Supports 8-Port 10/100Tx RJ45 Fast Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reverse Protection
- ▶ Overload Current Protection
- ▶ IP30 Rugged Metal 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 lbs; 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) | 1.6Gbps | Power Requirement | |
| Packet Buffer | 448 Kbits | Input Voltage | 12~48VDC Redundant Input |
| MAC Table Size | 1K | 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/EN61000-6-4 Class A |
| | | EMS | CE EN55035/EN61000-6-2 Class A IEC61000-4-2,3,4,5,6,8 |
| | | Free Fall | IEC60068-2-32 |
| | | Shock | IEC60068-2-27 |
| | | Vibration | IEC60068-2-6 |
| | | Green | RoHS Compliant |
| | | Certifications | FCC, CE, UL 61010-1, UL 61010-2-201 |
| | | Warranty | 5 Years |

ORDERING INFO

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|-------------------|--|
| 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 |

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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