

# Lanolinx LNX-500A/800A

5/8-Port 10/100BaseTX Slim Industrial Switch

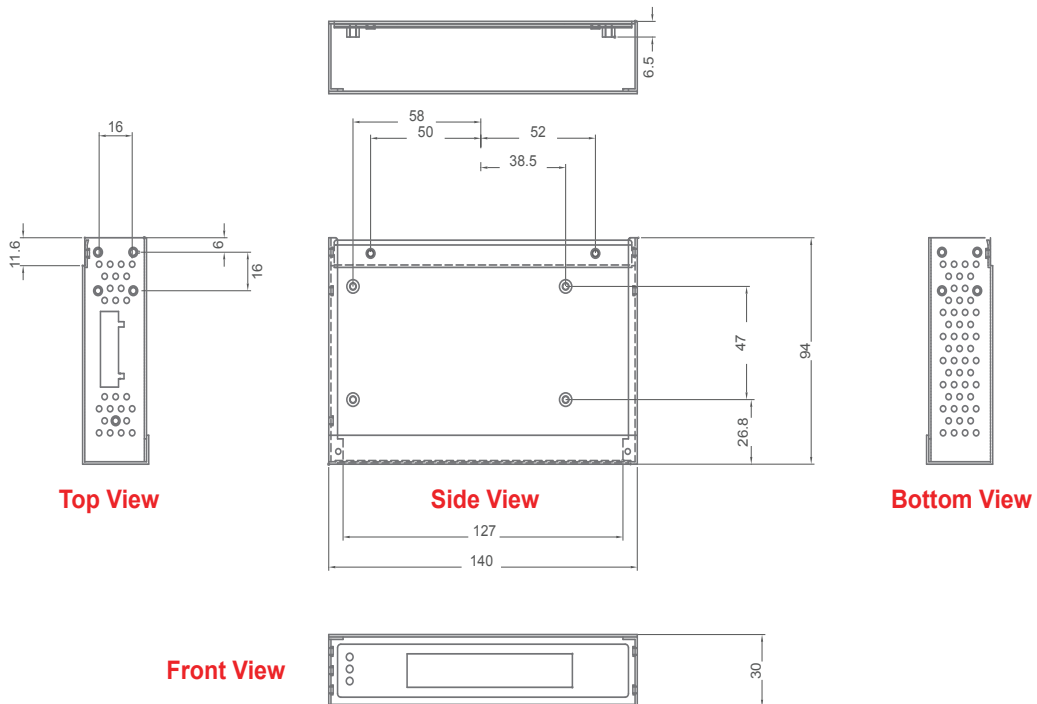


## Features

- ▶ RJ-45 Port Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 2K MAC Address Table
- ▶ Wide-Range Redundant Power Design
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current Resettable Fuse Present
- ▶ Provides Broadcast Storm Protection
- ▶ Provides EFT Protection 3000 VDC for Power Line
- ▶ Supports 4000 VDC Ethernet ESD Protection
- ▶ UL Class I, Division 2 Certified
- ▶ IP30 Rugged Aluminum Case Design
- ▶ DIN-Rail and Wall Mount Design
- ▶ 5-Year Warranty



## Specifications



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## ► Specifications

### Standard

IEEE 802.3 10BaseT Ethernet  
IEEE 802.3u 100BaseTX Fast Ethernet  
IEEE 802.3x Flow Control and Back-Pressure

### Protocol

CSMA/CD

### Switch Architecture

Store and Forward

### Transfer Rate

14,880pps for Ethernet Port  
148,800pps for Fast Ethernet Port

### MAC Address

2K MAC Address Table

### Memory Buffer

LNX-500A: 384 Kbits  
LNX-800A: 448 Kbits

### LED

Unit: Power 1, Power 2, Fault  
Port: Link/Activity, Full-Duplex/Collision

### Connector

LNX-500A: 5 x 10/100TX RJ-45 with Auto MDI/MDI-X Function  
LNX-800A: 8 x 10/100TX RJ-45 with Auto MDI/MDI-X Function

### 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)

### Back-Plane

LNX-500A: 1.0 Gbps  
LNX-800A: 1.6 Gbps

### Packet Throughput Ability

LNX-500A: 1.49Mpps @ 64bytes  
LNX-800A: 2.38Mpps @ 64bytes

### Power Supply

DC 12 ~ 48V, Redundant Power with Polarity Reverse Protect Function and Removable Terminal Block

### Power Consumption

LNX-500A: 2.93 Watts  
LNX-800A: 4.71 Watts

### Reverse Polarity Protection

Present

### Overload Current Protection

Present

### Mechanical

Casing: IP30 Metal Case  
Dimension (W x H x D): 30 x 140 x 95 mm (1.18 x 5.51 x 3.74 in.)  
Installation: DIN-Rail/Wall Mountable

### Weight

Unit Weight: 1 lbs.  
Shipping Weight: 1.5 lbs.

### Operation Temperature

Standard: -10° C to 70° C (14° F to 158° F)  
Wide Operating Temperature: -40° to 80° C (-40° to 176° F)

### Operation Humidity

5% to 95% (Non-condensing)

### Storage Temperature

-40° C to 85° C

### EMI

FCC Class A  
CE EN6100-4-2/EN6100-4-3/EN6100-4-4/EN6100-4-5/EN6100-4-6  
/EN6100-4-8/EN6100-4-11/EN6100-4-12/EN6100-6-2/EN6100-6-4

### Safety

UL/cUL Class I, Division 2  
CE EN60950-1

### Stability Testing

Shock: IEC60068-2-27  
Free Fall: IEC60068-2-32  
Vibration: IEC60068-2-6

### Warranty

5-Year Warranty

## ► Ordering Information

LNX-500A  
LNX-500A-T  
LNX-800A  
LNX-800A-T

5-Port 10/100BaseTX Slim Industrial Ethernet Switch  
5-Port 10/100BaseTX Slim Industrial Ethernet Switch, Wide Operating Temperature  
8-Port 10/100BaseTX Slim Industrial Ethernet Switch  
8-Port 10/100BaseTX Slim Industrial Ethernet Switch, Wide Operating Temperature

### Optional Accessories

DR-4524  
DR-75-24  
DR-120-24

45W 24VDC Industrial DIN Rail Power Supply  
75W 24VDC Industrial DIN Rail Power Supply  
120W 24VDC Industrial DIN Rail Power Supply

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## 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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