

Lanolinx LNX-500A/800A

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

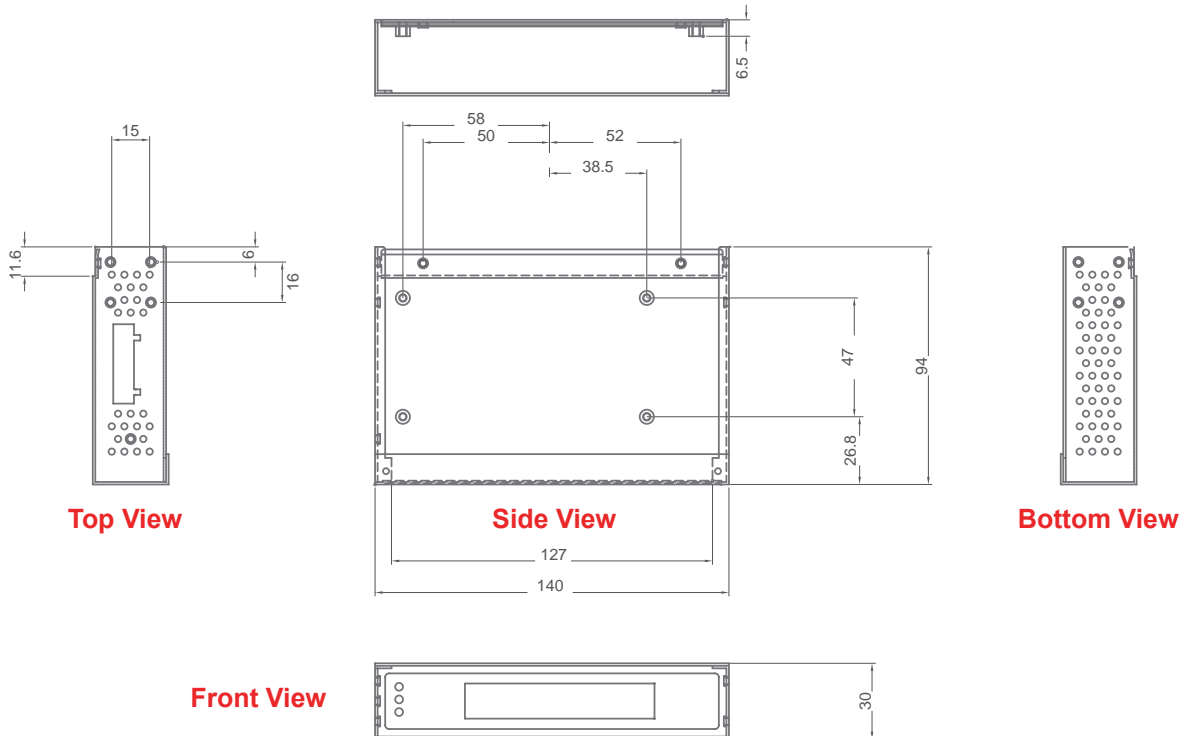


Features

- ▶ 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



▶ Dimensions (unit = mm)



► 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-800A
LNx-800A-T

5-Port 10/100BaseTX Slim Industrial Ethernet Switch
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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