

Lanolinx LNX-800AG

8-Port 10/100/1000T Slim Industrial Switch

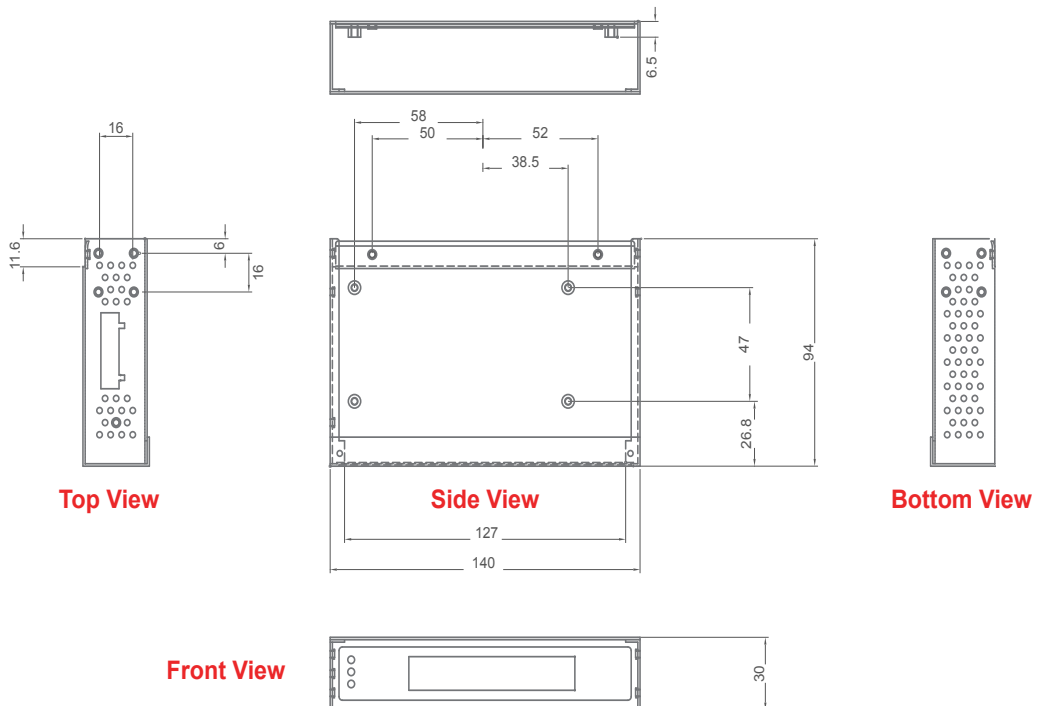


Features

- ▶ RJ-45 Port Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 16Gbps Back-Plane (Switching Fabric)
- ▶ 176Kbytes Memory Buffer
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame
- ▶ Wide-Range Redundant Power Design
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current Resettable Fuse Present
- ▶ Supports 6000 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
IEEE 802.3ab 1000BaseT
IEEE 802.3x Flow Control and Back-Pressure

Protocol

CSMA/CD

Switch Architecture

Back-Plane (Switching Fabric): 16Gbps
Packet Throughput Ability (Full-Duplex): 23.8Mpps @ 64bytes

Transfer Rate

14,880pps for Ethernet Port
148,800pps for Fast Ethernet Port
1,488,000pps for Gigabit Ethernet Port

Memory Buffer

176 Kbits

MAC Address

8K MAC Address Table

Jumbo Frame

9.6 Kbytes

LED

Unit: Power 1, Power 2, Fault
Port: Link/Activity, Speed

Connector

10/100/1000T: 8 x RJ-45

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)

Power Supply

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

Power Consumption

7.788 Watts @ 12VDC ; 7.392 Watts @ 48VDC

Reverse Polarity Protection

Present

Overload Current Protection

Resettable Fuse, 1.6A

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 (ESD)
EN6100-4-3 (RS)
EN6100-4-4 (EFT)
EN6100-4-5 (Surge)
EN6100-4-6 (CS)
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-800AG

8-Port 10/100/1000T Slim Industrial Ethernet Switch

LNX-800AG-T

8-Port 10/100/1000T Slim Industrial Ethernet Switch, Wide Operating Temperature

Optional Accessories

DR-4524

45W 24VDC Industrial DIN Rail Power Supply

DR-75-24

75W 24VDC Industrial DIN Rail Power Supply

DR-120-24

120W 24VDC Industrial DIN Rail Power Supply

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