

Lanolinx LNX-501A/602A

4-Port 10/100BaseTX + 1/2-Port 100BaseFX Slim Industrial Switch

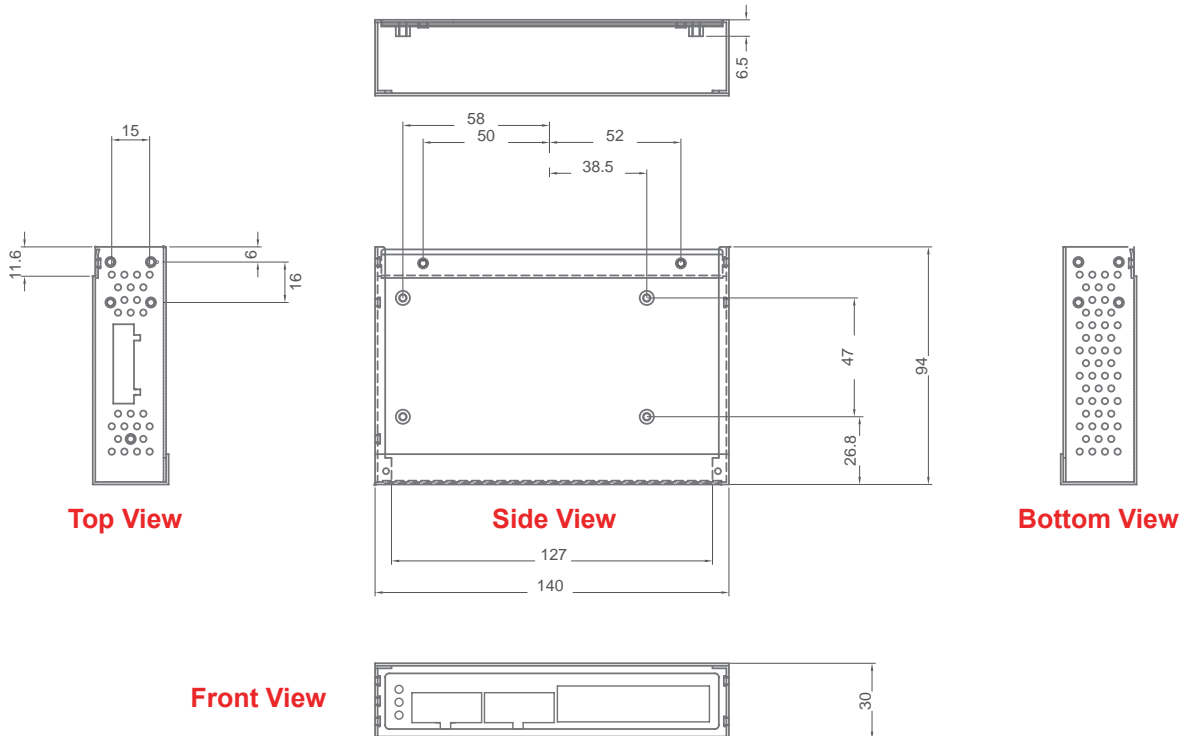


Features

- ▶ RJ-45 Port Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Back-Plane (Switching Fabric): 1Gbps
- ▶ 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

1K MAC Address Table

Memory Buffer

512 Kbits

LED

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

Connector

LNX-501A: 4 x 10/100TX RJ-45 with Auto MDI/MDI-X Function
1 x 100M Fiber SC Type Connector
LNX-602A: 4 x 10/100TX RJ-45 with Auto MDI/MDI-X Function
2 x 100M Fiber SC Type Connector

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)

Optical Cable

SC (Multi-Mode): 50/125 μ m ~ 62.5/125 μ m
SC (Single-Mode): 9/125 μ m ~ 10/125 μ m
Available Distance: 2KM (Multi-Mode), 30KM (Single-Mode)
Wavelength: 1310nm (Multi-Mode and Single-Mode)

Back-Plane

LNX-501A: 1.0 Gbps
LNX-602A: 1.2 Gbps

Packet Throughput Ability

LNX-501A: 1.49Mpps @ 64bytes
LNX-602A: 1.488Mpps @ 64bytes

Power Supply

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

Power Consumption

LNX-501A: 4.44 Watts
LNX-602A: 6.41 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: 1.41 lbs.

Operation Temperature

Standard: -10° C to 70° C (14° F to 158° F)
Wide Operating Temperature: -40° C to 80° C (-40° F 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-501A-M

LNX-501A-S3

LNX-602A-M

LNX-602A-S3

LNX-501A-M-T

LNX-501A-S3-T

LNX-602A-M-T

LNX-602A-S3-T

5-Port (4-port 10/100TX + 1-port 100FX) Slim Industrial Ethernet Switch, Multi-Mode Fiber 2 Km

5-Port (4-port 10/100TX + 1-port 100FX) Slim Industrial Ethernet Switch, Single-Mode Fiber 30 Km

6-Port (4-port 10/100TX + 2-port 100FX) Slim Industrial Ethernet Switch, Multi-Mode Fiber 2 Km

6-Port (4-port 10/100TX + 2-port 100FX) Slim Industrial Ethernet Switch, Single-Mode Fiber 30 Km

5-Port (4-port 10/100TX + 1-port 100FX) Slim Industrial Ethernet Switch, Multi-Mode Fiber 2 Km, Wide Operating Temperature

5-Port (4-port 10/100TX + 1-port 100FX) Slim Industrial Ethernet Switch, Single-Mode Fiber 30 Km, Wide Operating Temperature

6-Port (4-port 10/100TX + 2-port 100FX) Slim Industrial Ethernet Switch, Multi-Mode Fiber 2 Km, Wide Operating Temperature

6-Port (4-port 10/100TX + 2-port 100FX) Slim Industrial Ethernet Switch, Single-Mode Fiber 30 Km, Wide Operating Temperature

Optional Accessories

DR-4524

DR-75-24

CBF-SC01ST-MD

CBF-SC01SC-MD

CBF-SC01SC-SS

45W 24VDC Industrial DIN Rail Power Supply

75W 24VDC Industrial DIN Rail Power Supply

SC to ST Multi-Mode, Duplex Fiber Cable (1 Meter)

SC to SC Multi-Mode, Duplex Fiber Cable (1 Meter)

SC to SC Single-Mode, Simplex Fiber Cable (1 Meter)

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