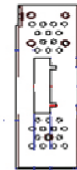




Industrial Ethernet Switch

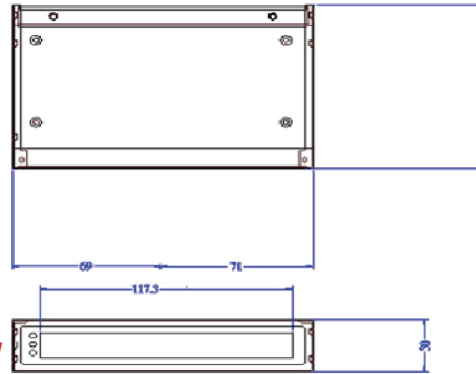
LNX-800AG 8-Port Industrial Gigabit Ethernet Switch



Top View



Side View



Front View



Bottom View

8-Port 10/100/1000TX RJ45 Fast Ethernet ♦ Auto MDI/MDI-X Function ♦ 8K MAC Address Table

Description

The LNX-800AG industrial gigabit unmanaged Ethernet switch is IP30 rated and DIN-Rail mountable. It has 8 10/100/1000TX ports, making it ideal for applications that demand a high bandwidth connectivity solution.

This switch provides a high EFT and ESD protection that has a dual power input with a reverse power polarity protection. In addition, the built-in relay warning function alerts maintainers when power failures occur. An extended operating temperature supports -40 to 75°C, for an ideal solution in harsh outdoor weather environments and industrial applications.

Key Features & Benefits

- Supports 8-Port 10/100/1000TX RJ45 Fast Ethernet
- Supports Auto MDI/MDI-X Function
- Store-and-Forward Switching Architecture
- 10Gbps Back-Plane (Switching Fabric)
- 8K MAC Address Table
- Surge Protection: 2,000 V DC Support
- ESD Protection: 6,000 V DC Support
- Redundant Power Input Design: 12 to 48V DC
- Built-in 1 Relay Output for Power Failure Warning
- IP30 Rugged Metal Case Design
- DIN-Rail and Wall Mount Support
- Operating Temperature: -40° to 75° C
- 5-Year Warranty

Performance Specifications

Technology

Standards
 IEEE 802.3 10BaseTX Ethernet
 IEEE 802.3u 100BaseTX Fast Ethernet
 IEEE 802.3az Gigabit Fiber

Processing Type
 Store and Forward

Protocol
 CSMA/CD

Flow Control
 IEEE 802.3x back pressure flow control

Switch Properties

Switch Architecture
 Back-Plane (Switching Fabric): 10Gbps

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

Memory Buffer
 131 Kbits

Jumbo Frame
 9.6Kbytes

MAC Table Size
 8K

Interface

Ethernet Port
 8-port 10/100/1000TX RJ45



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Industrial Ethernet Switch

LNX-800AG 8-Port Industrial Gigabit Ethernet Switch



Network Cable

10Base TX: 2-pair UTP/STP Cat. 3,4,5
100Base TX: 2-pair UTP/STP Cat. 5
1000Base TX: 2-pair UTP/STP Cat. 5/5E

Power

Input Voltage
12 to 48V DC, Redundant Input

Overload Current Protection
Present

Connection

1 Removable 6-Contact Terminal Block

Reverse Polarity Protection
Yes

Power Consumption
7.5 Watts

Mechanical

Housing
Metal, IP30 protection

Dimensions
30 x 95 x 142 mm (W*D*H)

Weight
Unit: 1.0 lbs.; Shipping Weight: 1.5 lbs.

Mounting
DIN-Rail, Wall Mounting (Optional)

Environmental

Temperature
-40° to 75°C

Operating Storage
-40° to 85°C

Ambient Relative Humidity
5 to 95%, (Non-Condensing)

Approvals

EMI
FCC Class A

EMS
EN61000-4-2,3,4,5,6,8,
EN61000-6-2,4

Free Fall
IEC60068-2-32

Shock
IEC60068-2-27

Vibration
IEC60068-2-6

Green
RoHS Compliant

Certifications
FCC, CE, UL

Ordering Information

Models

LNX-800AG-T
8-Port Industrial Gigabit Unmanaged Ethernet
Switch, 8-port 10/100/1000TX; -40° to 75°C
Operating Temperature

Accessories

IMC-100A-M-T
Industrial Media Converter, Multi-Mode Fiber, SC,
2 Km, Extended Temperature Range

IMC-100A-S3-T
Industrial Media Converter, Single-Mode Fiber, SC,
30 Km, Extended Temperature Range

Related Products

Ethernet I/O Modules
www.acromag.com/ethernetio

Power Supplies
www.acromag.com/powersupplies

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