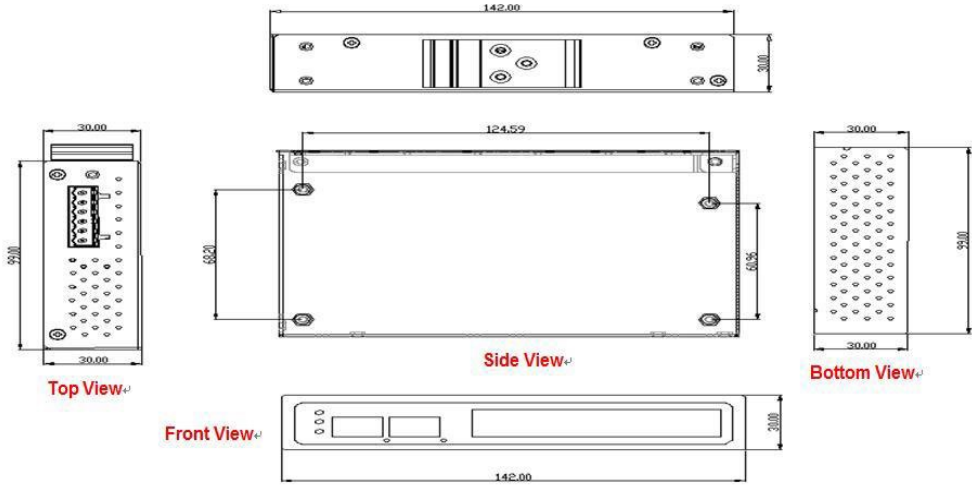




Industrial Ethernet Switch

LNX-0702G-SFP-T 7-Port Gigabit Ethernet With SFP Fiber Ports



5-Port 10/100/1000TX and 2-port 100/1000 Fx SFP Slots ◆ Auto MDI/MDI-X Function ◆ 10Gbps Back-Plane

Description

The LNX-0702G-SFP industrial gigabit unmanaged Ethernet switch features 5-port 10/100/1000TX, and two dual rate 100/1000Fx SFP slots. This switch provides high EFT and ESD protection to protect against unregulated voltage. It also provides extended operation temperature of -40° to 75°C for an ideal solution in harsh environments and industrial applications.

Key Features & Benefits

- Supports 5-Port 10/100/1000TX and 2-port 100/1000 SFP Fiber Slots
- Supports Auto MDI/MDI-X Function
- Store-and-Forward Switching Architecture
- 10Gbps Back-Plane (Switching Fabric)
- 8K MAC Address Table
- 9.6Kbytes Jumbo Frame Support
- Surge Protection: 2,000 V DC Support
- ESD Protection: 6,000 V DC Support
- Redundant Power Input Design: 48 to 55V 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 802.3ab 1000BaseTX
- 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 Architectur

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

Broadcast Storm Rate Limit

CSMA/CD

Memory Buffer

7,926pps (default)

Jumbo Frame

9.6Kbytes

MAC Table Size

8K



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Interface

Ethernet Port

5 RJ45 Ports w/10/100/1000TX

Fiber Port

2-port 100/1000 SFP Slot

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

9.1 Watts

Mechanical

Housing

Metal, IP30 protection

Dimensions

30 x 99 x 142 mm (W*D*H)

Weight

Unit 1.0lbs.; Shipping Weight 1.5 lbs.

Mounting

DIN-Rail, Wall Mounting (Optional)

Environmental

Operating Temperature

-40° to 75° C

Storage Temperature

-40° to 85°C

Ambient Relative Humidity

5 to 95%, (Non-Condensing)

Approvals

EMI

FCC Class A

EMS

EN6100-4-2,3,4,5,6,8,11,12

EN6100-6-2,4

Free Fall

IEC60068-2-32

Shock

IEC60068-2-27

Vibration

IEC60068-2-6

Green

RoHS Compliant

Certifications

FCC, CE, UL 508 (Pending)

Ordering Information

Models

LNX-0702G-SFP-T

7-port Gigabit Fiber Un-Managed Switch (2 x SFP 100/1000, 5 x Copper 10/100/1000), -40 to 75°C Operating Temperature

Assessories

SFP-M-T

1 Gigabit Fiber SFP Transceiver, Multi Mode 550M / LC / 850nm, -40 to 85°C Operating Temperature

SFP-S10-T

1 Gigabit Fiber SFP Transceiver, Single Mode 10KM / LC / 1310nm, -40 to 85°C Operating Temperature

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

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Power Supplies

www.acromag.com/powersupplies

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ISO9001
AS9100



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