

LNX-0500-M12-67 Series

5-Port M12 Industrial IP67 Waterproof Ethernet Switch, w/5*10/100Tx with M12-connector, 12~48VDC Power Input



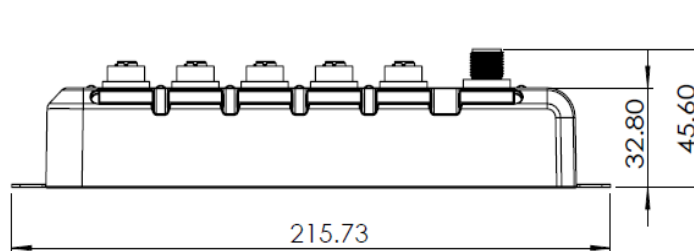
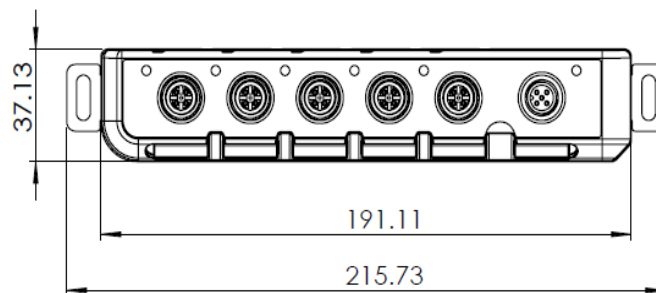
Features

- ▶ 5*10/100Tx Fast Ethernet
- ▶ M12 (A-coded) Connector with IP67 Rated Protection
- ▶ IP67 Rugged Plastic Case Design
- ▶ RJ45 Port Support Auto MDI / MDI-X Function
- ▶ Auto Negotiation Speed, Half / Full Duplex
- ▶ Store-and-Forward Switching Architecture
- ▶ Redundant Power Input: 12~48VDC
- ▶ Power Polarity Reverse Protection
- ▶ Overload Current Protection
- ▶ DIN-Rail or Wall Mountable
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' LNX-0500-M12-67 series is a 5-port 10/100Tx M12 IP67 industrial switch that meets the high-reliability requirements demanded by industrial applications. The LNX-0500-M12-67 series features a wide operating temperature of -10° to 70°C in the standard model and -40° to 75°C in the extended temperature model which allows this device to be used in various industrial environments. Its M12 connectors ensure a tight, robust connection and guarantees reliable operation in applications that are subject to high vibration and shock in environments containing dust, liquid, or laden with gas.

DIMENSIONS



SPECIFICATIONS

| Technology | | Power Requirement | |
|----------------------------|---|------------------------------------|---|
| Standards | IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet | Input Voltage | 12 to 48VDC, Redundant Inputs |
| Processing Type | Store and Forward | Power Connection | 1*M12, 5-pin A-coded, Male |
| Protocol | CSMA/CD | Reverse Polarity Protection | Present |
| Flow Control | IEEE 802.3x back pressure flow control | Overload Current Protection | Present |
| Switch Properties | | Power Consumption | 500mWatts |
| Switch Architecture | Back-Plane: Non-Blocking Switching Fabric | Environmental Limits | |
| Transfer Rate | 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port | Operating Temperature | STD: -10°C to 70°C EOT: -40°C to 75°C |
| Memory Buffer | 448kbits | Storage Temperature | -40°C to 85°C |
| MAC Table size | 1k | Ambient Relative Humidity | 5% to 95%, (non-condensing) |
| Interface | | Regulatory Approvals | |
| Ethernet Port | 5*10/100T(X) M12, 4-pin D-coded, Female, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection | EMI | FCC Part 15 Subpart B Class A, CE EN 55032 Class A, EN 61000-6-4 Class A |
| LED Indicators | Power, Ethernet Ports: Link / Act | EMS | CE EN 55024 Class A, EN 61000-6-2 Class A, IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field) |
| Mechanical Characteristics | | Free Fall | IEC60068-2-32 |
| Housing | Plastic, IP67 protection | Shock | IEC60068-2-27 |
| Dimensions | 37.13 x 215.73 x 32.8 mm (W x H x D) | Vibration | IEC60068-2-6 |
| Weight | Unit: 0.749 lbs. Shipping: 1.322 lbs. | Green | RoHS Compliant |
| Mounting | DIN-Rail Mounting, Wall Mounting | Certifications | FCC, CE, UL 61010-1 (Pending), UL 61010-2-201 (Pending) |
| | | Warranty | 5 Years |

ORDERING INFO

| | |
|--------------------------|--|
| LNX-0500-M12-67 | 5-Port M12 Industrial IP67 Waterproof Ethernet Switch, w/5*10/100Tx with M12 connector, 12~48VDC Power Input |
| LNX-0500-M12-67-T | 5-Port M12 Industrial IP67 Waterproof Ethernet Switch, w/5*10/100Tx with M12 connector, 12~48VDC Power Input; EOT: -40°C to 75°C |

| Optional Accessories | |
|---------------------------|--|
| DR-30-24 | 30W Industrial DIN-Rail Power Supply, 24VDC |
| DR-60-24 | 60W Industrial DIN-Rail Power Supply, 24VDC |
| CB-M12D4PM-RJ45-5M | M12 D-Code 4-Pin Male to RJ45 Cable, 5 Meter, Wire: CAT5e STP 24AWG Black, IP68 Protection |
| CB-M12A3PM-5M | M12 A-Code 3-Pin Male to Open Cable, 5 Meter, Wire: UL 24AWG*5C Black, IP68 Protection |
| CB-M12A5PF-5M | M12 A-Code 5-Pin Female to Open Cable, 5 Meter, Wire: UL 24AWG*5C Black, IP68 Protection |

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