

LNX-C500G Series

Features

Compact 5-Port Industrial Gigabit Unmanaged Ethernet Switches, w/5*10/100/1000Tx, 12~48VDC Power Input



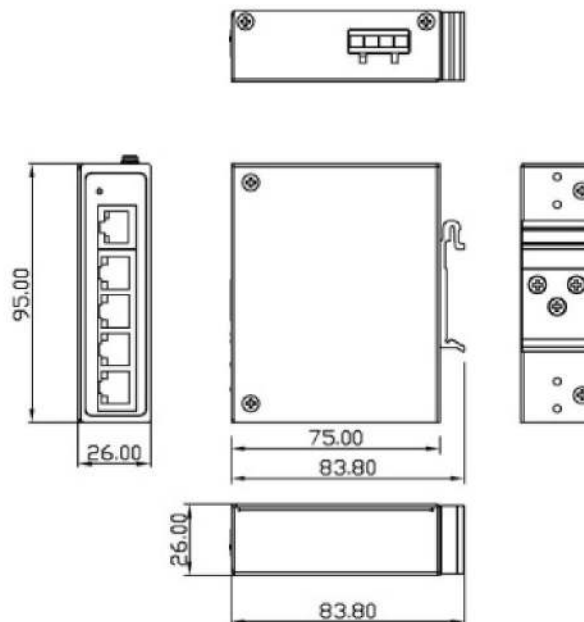
- ▶ Compact Industrial Grade Design
- ▶ Supports 5-Port 10/100/1000Tx RJ45 Gigabit Ethernet
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Jumbo Frame Support: 10K
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current Protection
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range:
STD: -10° to 70°C, EOT: -40° to 75°C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' LNX-C500G series is a compact 5-port industrial gigabit unmanaged Ethernet switch. The small form factor of this metal IP30 rated design is 30% smaller allowing for more a versatile implementation. The LNX-C500G series is equipped with 5*10/100/1000 RJ45 Ethernet ports; with a backplane speed of 10gbps. The LNX-C500G series can handle high bandwidth applications in tight spaces.

The LNX-C500G series supports high EFT & ESD protection through the redundant power inputs that support reverse polarity and overload current protection. This product series supports DIN-rail as well as wall mountable orientations and provides operating temperature range models in STD: -10°C to 70°C and EOT: -40°C to 75°C. This is an industrial grade unit applicable for networking applications in factory automation, ITS, power/utility, water wastewater treatment plants, or any application that needs a compact solution.

DIMENSIONS



SPECIFICATIONS

| Technology | | Mechanical Characteristics | |
|-------------------------------|--|----------------------------------|--|
| Standards | IEEE 802.3 10Tx Ethernet IEEE 802.3U 100Tx Fast Ethernet IEEE 802.3ab 1000Tx Gigabit Ethernet | LED Indicator | Per Unit: Power 1 & 2 |
| Switch Properties | | Housing | Metal IP30 rated |
| Protocol | CSMA/CD | Dimensions | 26 x 95 x 75 mm |
| Data Process | Store and Forward | Weight | Unit: 1.0 lbs; Shipping: 1.5 lbs |
| Transfer Rate | 14,880pps for 10Base-T Ethernet port 148,880pps for 100Base-T Fast Ethernet port 1480000pps for 1000Base-T Gigabit Ethernet | Mounting | DIN-Rail; Wall-mount (optional) |
| Packet Buffer | 1 Mbits | Power Requirement | |
| MAC Table | 8K | Input Voltage | 12~48VDC Redundant Input |
| Jumbo Frame | 10K bytes | Power Connection | 1 removable 4-contact terminal block |
| Flow Control | IEEE 802.3x for full duplex mode, back pressure for half duplex mode | Power Consumption | 6.6 Watts |
| Port Interface | | Environmental Limits | |
| Ethernet RJ45 Port | 5*10/100/1000BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection | Operating Temperature | STD: -10° to 70° C EOT: -40° to 75° C |
| Protection | | Storage Temperature | -40°C ~ 85°C |
| Overload Current | Present | Ambient Relative Humidity | 5 to 95%, (non-condensing) |
| Power Reverse Polarity | Present (the unit will not be on, if power reverse) | Regulatory Approvals | |
| Network Cable | 10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable. 1000Base-Tx 4-pair UTP/STP Cat. 5/5e/6 cable | EMI | FCC Class A |
| | | EMS | EN6100-4-2,3,4,5,6,8 |
| | | Free Fall | IEC60068-2-32 |
| | | Shock | IEC60068-2-27 |
| | | Vibration | IEC60068-2-6 |
| | | Green | RoHS Compliant |
| | | Certifications | FCC, CE, UL 61010-1, UL 61010-2-201 |
| | | Compliance | NEMA TS1/TS2 |
| | | Warranty | 5 Years |

ORDERING INFO

LNX-C500G Compact 5-Port Industrial Gigabit Ethernet Switch with 5*10/100/1000Tx

LNX-C500G-T Compact 5-Port Industrial Gigabit Ethernet Switch with 5*10/100/1000Tx; EOT -40° to 75° C

Optional Accessories

DR-15-12 15W Industrial DIN-Rail Power Supply, 12VDC

MDR-20-24 20W Industrial DIN-Rail Power Supply, 24VDC

MDR-40-48 40W Industrial DIN-Rail Power Supply, 48VDC

MDR-60-48 60W Industrial DIN-Rail Power Supply, 48VDC

DR-75-48 75W Industrial DIN-Rail Power Supply, 48VDC