LNX-C500-CC Series

5-Port Industrial Compact Unmanaged Ethernet Switch, with 5*10/100Tx and Conformal Coating

Features

- ▶ Conformal Coating
- ▶ Compact Industrial Grade Design
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 12~48VDC
- ▶ Power Polarity Reverse 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
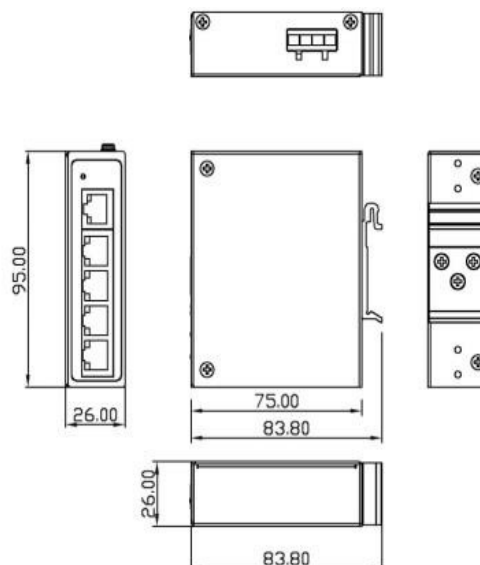- ▶ 5-Year Warranty

INTRODUCTION

Antaira's compact design LNX-C500-CC series industrial unmanaged Ethernet switch is IP30 rated and DIN-Rail mountable. The LNX-C500 series is equipped with 5*10/100Tx RJ45 Ethernet ports; with a backplane speed of 1gbps. The small form factor of this industrial switch is 30% smaller allowing for a more versatile implementation.

Conformal coating is a specialty film which conforms to the contours of the printed circuit board to protect the board from adverse environmental conditions. Antaira's conformal coating process meets or exceed the standards for protection against gases, dust, and water.

The LNX-C500-CC series is a perfect industrial networking product to support any application such as power/utility, water wastewater treatment, oil/gas/mining, process control automation, security access control systems, and intelligent transportation systems.

DIMENSIONS

SPECIFICATIONS

Technology

Standards	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet
Processing Type	Store-and-Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x for full duplex mode, back pressure for half duplex mode

Switch Properties

Packet Buffer	448 Kbits
MAC Table Size	8K

Interface

Ethernet Port	5*10/100BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable
LED Indicators	Power and Port Link/Activity Status

Mechanical Characteristics

Housing	Metal, IP30 protection
Dimensions	26 x 95 x 75 mm
Weight	Unit: 1.0 lb Shipping: 1.5 lbs
Mounting	DIN-Rail; Wall-mount (optional)

Power Requirement

Input Voltage	12~48VDC Redundant Input
Power Connection	1 removable 4-contact terminal block
Reverse Polarity Protection	Present (the unit will not be on, if power reverse)
Overload Current Protection	Present
Power Consumption	1.2 Watts

Environmental Limits

Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Storage Temperature	-40°~85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)

Regulatory Approvals

EMI	FCC Class A
EMS	EN61000-4-2,3,4,5,6,8
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL61010-1,61010-2-201
Compliance	NEMA TS1/TS2
Corrosion Prevention	IEC 60068-2-11, IEC 60068-2-52, IEC 60068-2-60 IPC-CC-830B, MIL-I-46058C, IEC 61086-2 (Class 2), UL 94, UL 746E ISO 9223 (Class C5-Very High, Class GX-Severe) ANSI/ISA 71.04 (Class GX-Severe)
Warranty	5 Years

ORDERING INFO

LNX-C500-CC	5-Port Industrial Compact Unmanaged Ethernet Switch, with 5*10/100Tx and Conformal Coating
LNX-C500-T-CC	5-Port Industrial Compact Unmanaged Ethernet Switch, with 5*10/100Tx; EOT: -40°~75°C and Conformal Coating

Optional Accessories

DIN-RACK-2U	DIN-Rail to 19" Rack Mount Adapter for all Din-Rail Mountable Products, 2U Height
DIN-RAIL-10	35mm Steel DIN-Rail Track – 10 Inches Long
DR-15-12	15 Watt Industrial Single Output DIN Rail Power Supply – 12 VDC / 1.25 Amps
DR-75-48	75 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 1.6 Amps
MDR-20-24	20 Watt Industrial Single Output DIN Rail Power Supply – 24 VDC / 1.00 Amp
MDR-40-48	40 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 0.83 Amps
MDR-60-48	60 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 1.25 Amps

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