

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

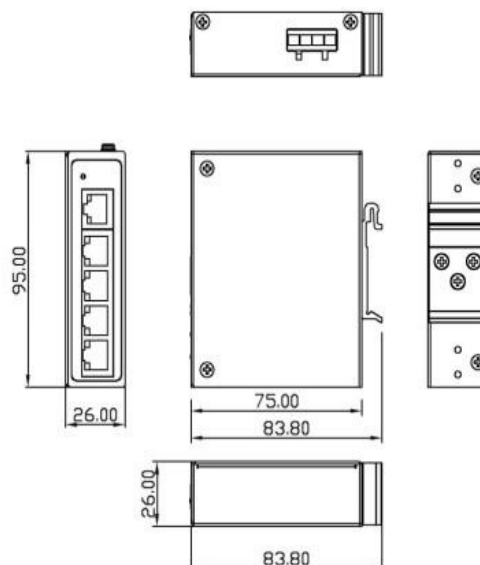
INTRODUCTION

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		Power Requirement	
Standards	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet	Input Voltage	12~48VDC Redundant Input
Processing Type	Store-and-Forward	Power Connection	1 removable 4-contact terminal block
Protocol	CSMA/CD	Reverse Polarity Protection	Present (the unit will not be on, if power reverse)
Flow Control	IEEE 802.3x for full duplex mode, back pressure for half duplex mode	Overload Current Protection	Present
Switch Properties		Power Consumption	1.2 Watts
Packet Buffer	448 Kbits	Environmental Limits	
MAC Table Size	8K	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Interface		Storage Temperature	-40°~85°C
Ethernet Port	5*10/100BaseTx auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	Ambient Relative Humidity	5 to 95%, (non-condensing)
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable	Regulatory Approvals	
LED Indicators	Power and Port Link/Activity Status	EMI	FCC Class A
Mechanical Characteristics		EMS	EN61000-4-2,3,4,5,6,8
Housing	Metal, IP30 protection	Free Fall	IEC60068-2-32
Dimensions	26 x 95 x 75 mm	Shock	IEC60068-2-27
Weight	Unit: 1.0 lb Shipping: 1.5 lbs	Vibration	IEC60068-2-6
Mounting	DIN-Rail; Wall-mount (optional)	Green	RoHS Compliant
		Certifications	FCC, CE, UL61010-1,61010-2-201
		Compliance	NEMA TS1/TS2 IEC 60068-2-11, IEC 60068-2-52, IEC 60068-2-60
		Corrosion Prevention	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

Assured Systems

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