

# 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

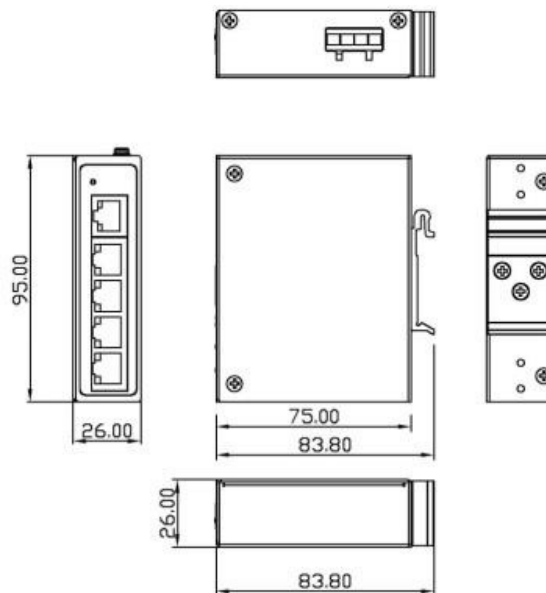
## INTRODUCTION

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

## ORDERING INFO

<b>LNX-C500-CC</b>	5-Port Industrial Compact Unmanaged Ethernet Switch, with 5*10/100Tx and Conformal Coating
<b>LNX-C500-T-CC</b>	5-Port Industrial Compact Unmanaged Ethernet Switch, with 5*10/100Tx; EOT: -40°~75°C and Conformal Coating
Optional Accessories	
<b>DIN-RACK-2U</b>	DIN-Rail to 19" Rack Mount Adapter for all Din-Rail Mountable Products, 2U Height
<b>DIN-RAIL-10</b>	35mm Steel DIN-Rail Track – 10 Inches Long
<b>DR-15-12</b>	15 Watt Industrial Single Output DIN Rail Power Supply – 12 VDC / 1.25 Amps
<b>DR-75-48</b>	75 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 1.6 Amps
<b>MDR-20-24</b>	20 Watt Industrial Single Output DIN Rail Power Supply – 24 VDC / 1.00 Amp
<b>MDR-40-48</b>	40 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 0.83 Amps
<b>MDR-60-48</b>	60 Watt Industrial Single Output DIN Rail Power Supply – 48 VDC / 1.25 Amps