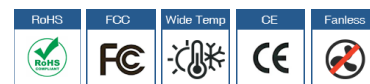


CTS8 Series

8-port Din-rail Unmanaged Ethernet Switches

Features:

- 8 × 10/100BaseT(X) (RJ45 connector)
- 40°C to 75°C Operating Temperature
- DC 12/24/48V Power Input (10.8~52.8 VDC)
- IP40 Din-rail Mounting



Introduction:

Designed to fit Industrial and Commercial applications, the CTS8 series is plug-and-play Ethernet switches with IP40 DIN rail enclosure and convenient LEDs for Power (Link / Activity for each port). This series switches are rated to operate at temperatures ranging from -40°C to 75°C. The fanless design, wide operating temperature provide the products with high performance of resistance to high and low temperature, and reliability and safety of industrial network.

Specifications:

Ethernet Interface

10/100BaseT(X) Ports (RJ45 Connector)	8 Full/Half-duplex Mode; Auto MDI/MDI-X Adaptive; Auto Negotiation Speed
Standards	IEEE802.3; IEEE802.3i; IEEE802.3u; IEEE802.3x
LED Indicators	Power, Link / Activity for Each Port

Switch Properties

Processing Type	Store and Forward
MAC Table Size	2K
Packet Buffer Size	768 kbits

Power Requirements

Input Voltage	12/24/48 VDC (10.8 ~ 52.8VDC)
Power Consumption	100 mA @ 24V Max
Input Connection	Phoenix Terminal
Reverse Polarity Protection	Supported
Overload Protection	Supported

Physical Characteristics

Housing	Metal Enclosure, IP40 Design
Dimensions (W × H × D)	1.18" × 5.91" × 3.94" (30 mm × 150 mm × 100 mm)
Installation	DIN-rail Mounting

Environmental Limits

Operating Temp	-40°C to 75°C
Storage Temp	-40°C to 80°C
Ambient Relative Humidity	5 to 95% (Non-condensing)

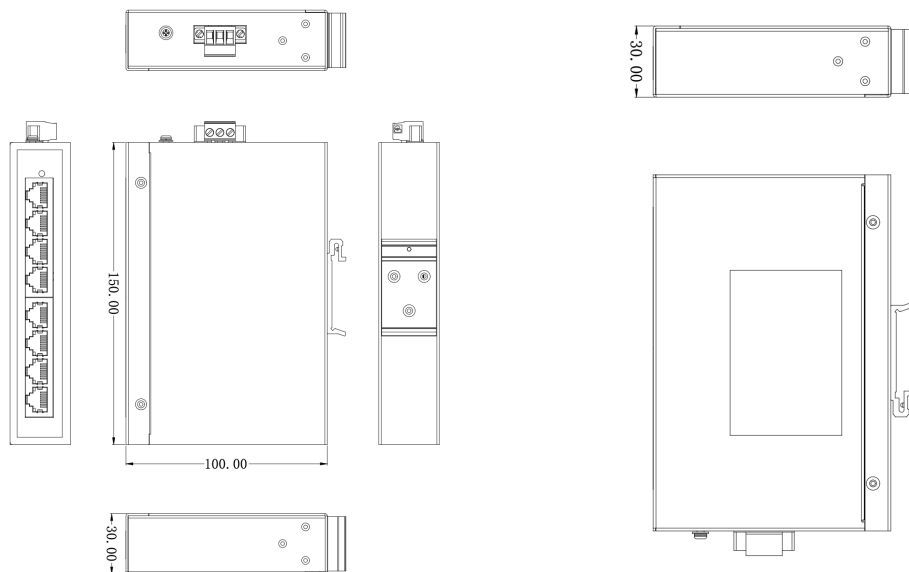
Standards and Certifications

EMI	FCC Part 15 Subpart B ClassA, EN55022 Class A
EMS	EN61000-4-2/IEC(EN)61000-4-2 (ESD) Level 3, EN61000-4-3/IEC(EN)61000-4-3 (RS) Level 3, EN61000-4-4/IEC(EN)61000-4-4 (EFT) Level 3, EN61000-4-5/IEC(EN)61000-4-5 (Surge) Level 3, EN61000-4-6/IEC(EN)61000-4-6 (Radio Frequency Transmission) Level 3, EN61000-4-8/IEC(EN)61000-4-8 (Power Frequency Magnetic Field) Level 3
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32
Vibration	IEC 60068-2-6

Warranty

Warranty Period	5 Years
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Dimension Drawing:



Ordering Information

CTS8B	Din-rail Unmanaged, 8 x 100Mbps Copper Port, Industrial Temperature -10 ~ 60 °C, Power Supply 12/24/48 VDC (10.8 ~ 52.8 VDC)
CTS8A	Din-rail Unmanaged, 8 x 100Mbps Copper Port, Industrial Temperature -40 ~ 75 °C, Power Supply 12/24/48 VDC (10.8 ~ 52.8 VDC)

Other models are available upon request.