STS-1921SI RS-232 Isolation Adapter

Features

- Provides one RS232 to RS232 Adaptation
- Supports up to 2,500Vrms Isolation for all RS232 Signals (TXD, RXD, RTS, CTS, DTR, DSR, DCD, RI, GND)
- Supports DB9 Female (DCE) to DB9 Male (DTE) Connector Conversion
- Supports 15KV ESD Protection
- Supports Baud Rate up to 921.6 Kbps
- +5V DC External Power is Required, Powered by AC Adapter or USB Port with USB-to-DC-Jack Cable
- Support Wall and DIN RAIL Mounting Kits
- Compact Size for Critical Applications
- No Driver Required for All Operating Systems

Description

The STS-1921SI RS232 to RS232 Isolation Adapter is designed for your PC, workstation, thin client, or server to provide an instant isolation solution to the serial devices.

The STS-1921SI equipped a female DB9 connector that can be connected to your PC. The RS232 port, configured as a DCE port, has a female DB9 connector with pins for all RS232 signals (TXD, RXD, RTS, CTS, DTR, DSR, DCD, RI and GND) are isolated coupled to the male DB9 connector configured as a DTE port.

The STS-1921SI is compatible with new and legacy RS232 devices. It is easy to install and use without turning your PC's power off. It provides the scalability to quickly adapt to new RS232 technologies to provide an instant isolation and ESD protection solution. Complete product line offer many choices help you to expand and make your serial network grow with your requirements.

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Specifications

DCE RS-232 Port

- Connector: DB9 Female

- Signals: TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, and GND

DTE RS-232 Port

- Connector: DB9 Male

- Signals: TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, and GND

RS-232 Isolation

The Isolation combining high speed CMOS and monolithic air core transformer technologies, these isolation components provide outstanding performance characteristics superior for most of the applications:

- Supports over 2,500Vrms Isolation Voltage

- Supports 15KV ESD Protection

I/O Hardware

- Supports 1 External Female DB9 Connector and 1 Male DB9 Connector

- Supports 1 DC Jack for External Power Input from AC Adapter

- Wall and DIN-Rail Mounting Kits

Environment

Operating Temp.: 0° to 60° C (32° to 140° F)

Storage Temp: -20° to 85° C (-4° to 185° F)

Operating Humidity: 5 to 95% RH

Form Factor

3.24"(L)x1.74"(W)x0.87"(H) (8.23 x 4.42 x 2.22 cm)

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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