

Port-powered RS232 to RS422 converter

Features

- ◇ Plug and play, small volume, easy to installation
- ◇ Convert RS-232 data transmit (TXD) and data receive (RXD) signal into balance half duplex RS-422 signals.
- ◇ Powered from RS-232 handshake lines — no power supply needed!
- ◇ Point to multiple point
- ◇ Automatic Send Data Control - no software drivers needed!

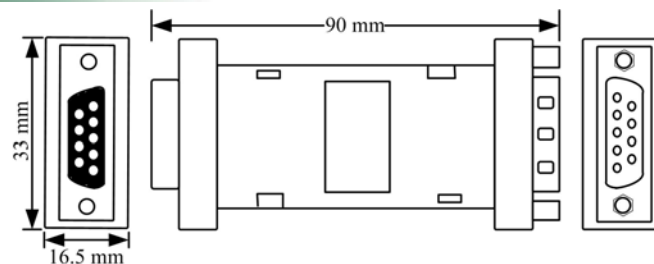


Introduction

LBTLC16422 is the interface converter between RS-232 and RS-422. It is powered from serial port (such as COM port of computer), no outside power needed. Small size, long transmission distance, high rate, stable performance. It applies DB9

common serial port. It is used widely in the field of electricity, industrial automatic control, IC card billing system. It is a high quality low price data interface conversion product.

Installation



Specifications

Standard: Accord EIA RS-232, RS-422 standard

RS-232 signal: TX, RX, GND

RS-422 signal: D+, D-, GND

Working format: Asynchronism, point to point or multi point, 4 wire full duplex

Direction: Automatic send data control, auto distinguish and sense direction about data transfer

Baud rate: 300-115200bps, auto sense serial signal rate

Loading: Support 32 nodes (can order 128 nodes)

Transmission: RS-422 side 1200M(9600bps), RS-232 side less than 5M

Protection: 600W surge protection, 15KV ESD protection

Connector: RS-232 side DB-9 female, RS-422 side DB-9 male or 4 terminal block

Working temperature: -20°C to 60°C

Storage temperature: -25°C to 85°C

Relative humidity: 5% to 95%

Input powered: No power supply needed powered from TXD, RTS, DTR signal at RS-232 side

Consumption:

Static consumption less than 70mA,

Dynamic consumption less than 200mA

L*W*H: 120mm*33mm*16.5mm

Case: Plastic

Color: White

Weight: 200g