RS-232 ⇔ RS-422 Interface Converter

Provides Transient Protection
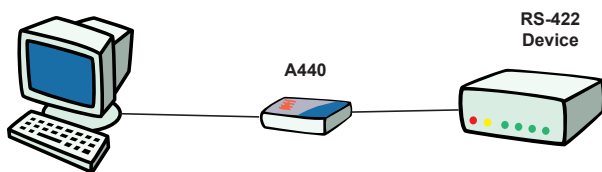
ALFATRON

ASeries A440

Description

The ASeries A440 allows any RS-232 serial device to communicate with any RS-422 serial device. As well as transferring data the A440 provides one pair of handshaking lines, i.e. DTR/DSR or CTS/RTS for the control of the data flow.
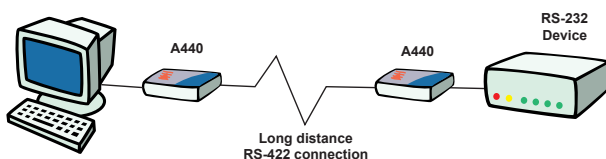
Simple to use and cost effective, the A440 has been engineered for use in both industrial and commercial environments.

Applications

- Connect any incompatible devices using the A440 interface converter.

RS-422 Device

A440

- Use two A440 converters to connect RS-232 devices over a long distance.

A440   **A440**   **RS-232 Device**

Long distance RS-422 connection

Features

- Bidirectional RS-232 <> RS-422 interface conversion in asynchronous mode

- Transient Protection on RS-422 lines

- Supports Xon/Xoff Software Handshaking

- Supports DTR/DSR or CTS/RTS Handshaking

- Transmits data reliably at up to 64Kbps

- Switch selectable RS-422 termination resistors for cable distances exceeding 50 metres

- Switchable DCE/DTE selection for RS-232 port

- LED indicators for data activity

- Nickel plated metal case will withstand rugged applications

- Very LOW COST - Very BIG FEATURES

Specifications - ASeries A440

RS-232 Port:	Asynchronous RS-232 DB-25 female connector Switch Selectable DCE/DTE Transfer up to 64Kbps
RS-422 Port:	DB-25 female connector 120Ω termination resistor selection for handshaking lines 'RD' & 'DSR'
Protection:	Transient Voltage Supression Diodes RS-422 - Transmit Data Lines - Receive Data Lines - DTR & DSR handshake lines
LED Indicators:	Receive Data RS-232 Receive Data 20mA Current Loop Power On
Power Supply:	9V (200mA) DC Reverse Polarity Protection
Dimensions:	84m x 58mm x 23mm
Weight:	160 grams

All Specifications subject to change without notice

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