

Serial RS-232 ↔ RS-422 Interface Converter

with Transient Protection



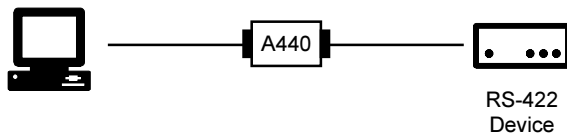
The A Series A440 has been engineered for use in both industrial and office environments and does not require configuration.

Description

The A Series A440 allows RS-232 serial devices to communicate with RS-422 devices. As well as transferring data, this unit also provides one pair of handshaking lines, i.e. DTR/DSR or CTS/RTS, for the control of the data flow.

Typical Configurations

A. Connecting incompatible devices



B. Extending RS-232 distance using RS-422



Features

- Bidirectional RS-232 ↔ RS-422 interface conversion in asynchronous mode
- 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
- Transient Protection on RS-422 lines
- Nickel plated metal case will withstand rugged applications

Applications

- The A440 interface converter can be used to connect an RS-422 device to the RS-232 port of a PC.
- Two A440 interface converters can be used to connect two RS-232 devices over an extended distance, greater than that normally possible with RS-232.

Specifications - A Series A440

RS-232 Port: 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'

LED Indicators: Receive Data RS-232
Receive Data RS-422

Power Supply: 9V (200mA) DC
Reverse Polarity Protection

Dimensions: 84m x 58mm x 23mm

Weight: 160 grams

All specifications subject to change without notice

