

9611 RS232 – RS485 CONVERTER

S I M P L E P R O T O C O L C O N V E R T E R



Features

Simple 3 wire connections

Fast data throughput – as high as 115kbaud

RS485 drives up to 250m

Standard 12V power supply

Typical Applications

Driving an RS485 line from a PC serial port.

Providing RS232 from a simple RS485 2-wire network

Conceived as a simple and inexpensive converter, the 9611 offers fast RS232 to RS485 conversion at a very low cost. The RS485 data stream is half-duplex, with both ports of the interface requiring only three connections.

The unit provides a DB25 female connector for interfacing to RS232 and a DB9 female for the RS485 interface. No RS232 control lines are needed, thus greatly simplifying wiring requirements for interconnection. Power requirements are 12 volts DC at 50mA via a 2.1mm DC socket.

The RS232 port can take advantage of modern serial cards fitted with a 16550 UART, allowing transmission speeds of up to 115kbaud. Separate transmit and receive LED's are provided to indicate the current data transfer state.

On the RS485 connection, the 9611 detects the data stream direction and automatically switches between transmit and receive. No handshaking signals are required for this, which allows a simple two-wire (plus ground) installation to be used.

Supplied in a small ABS enclosure measuring 130x67x46mm, the 9611 has no settings to adjust or links to select, thus providing a simple and ready-to-go interfacing solution.

This quality communications product is another innovative electronics solution from BISS Technologies. If you would like further information about this or any other product in our extensive range, please contact your local BISS Technologies office..

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