



Features

- 1 RS422/485 Serial Port selectable as RS422 or RS485
- 64 byte FIFO
- On-board zener diodes offer transient spike protection
- On board terminating resistors with full fail-safe open / short circuit protection
- Rx D_{\pm} /Tx D_{\pm} multiplex jumpers
- Sample Programs, Test & Terminal software - all with source code

Specifications

- Ports: 1 x RS422/485
- UART: 16750
- Baud rates: Up to 921,600
- Protection: +ve spikes >12V -ve spikes > 6.8V
- Data Bits: 5,6,7 or 8
- Stop Bits: 1 or 2
- Parity: Odd, even, none, mark or space
- Power: 550mA @ 5V
- Weight: 0.097Kg
- Size: 9.3 x 12cm

422/485 Options

- RS422 Flow Control CTS/RTS, software enabled
- RS485 Gating Hardware Autogating Tx D always/RTS true enabled Rx D always enabled Rx D RTS true disabled CTS forced true
- Wiring Schemes One talker, many listeners Many talkers/listeners full duplex Many talkers/listeners half duplex

ISA

1 Port Velocity RS422/485

Description



This half size card provides one industry standard serial port configurable as either RS422 with and without hand-shaking, or RS485 full or half duplex. The card has on-board zener diodes giving transient spike protection to the inputs, making the card ideal for factory automation installations. The megabaud data transfer rates and the 64 byte deep FIFO, coupled with the RS485 Half Duplex Autogating guarantees uncompromising performance and fault-free use

The UART clock can be set to provide maximum baud rates of either 921,600 baud, 460,800 baud, 230,400 baud, or 115,200 baud (standard PC).

Software

Serial Solutions Device Driver CD contains software for Windows Millennium, Windows 98, Windows 95, Windows NT4, Windows 3.x, DOS and OS/2.

Informative manuals and sample programs are supplied with full source code on CD!

For details of RS232, RS422 or RS485 Standards see: www.brainboxes.com/standards



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Description
ISA 1PORT VELOCITY RS422/485

Code
CC-442