

USB-4604B

USB-4604BM

4-port RS-232 to USB Converter with ESD Surge Protection

4-port RS-232/422/485 to USB Converter with ESD Surge Protection



CE FCC

Features

- Full compliance with USB V1.1 and V2.0 specifications.
- RS-232/422/485 port supported
- Transmission speed up to 921.6 kbps
- Automatic RS-485 data flow control
- No external power supply necessary; the hub derives its power from the USB port
- Plug & Play installation
- No additional IRQs or I/O ports required
- Hot swap function supported

Introduction

USB-4604 series allows PC users to connect a serial device to a system that use a USB interface. To attach the USB-4604B/USB-4604BM to a PC, you don't need to open the chassis or power down your PC. Instantly get extra high-speed RS-232/422/485 ports. The power is derived from the USB port, so there are no power adapters to deal with. This makes the USB-4602/4604 especially suitable for modems, printers, POS systems and industrial control devices.

Supporting USB2.0 high speed, USB-4604B/USB-4604BM features several powerful functions such as high-speed 921.6 kbps transmission, support for various operating systems, independent RS-232/422/485 ports and more. By simply plugging in a USB hub, USB-4604B and USB-4604BM eliminates the configuration issues associated with high-priced, older card solutions. You only have to install the drivers, no need to set cards slots, IRQ addresses, DMA channels, or device addresses. This reduces programming effort.

Specifications

General

- **Certifications** CE, FCC
- **Connectors** 1 x USB Type B (Type A to Type B cable provided)
4 x DB9
- **Enclosure** ABS+PS
- **USB Cable** Max. 15ft (4.6 m)
- **Mounting** DIN 35 rail, stack, wall

Insert

- **Power Input** 10 to 48 V_{DC} (external) or 5 V_{DC} (Bus Power)
- **Power Consumption** 130 mA @ 5 V (Typical)
200 mA @ 5 V (Max.)

Communications

- **Data Bits** 5, 6, 7, 8
- **Parity Bits** Odd, even, none, space, mark
- **Stop Bits** 1, 1.5, 2
- **Transmission Speed** up to 921.6 kbps

Protection

- **EFT Protection** 2,500 V_{DC}
- **ESD Surge Protection IC Embedded 16KV**

Mechanism

- **Dimensions** 132 x 80 x 32 mm
- **Enclosure** ABS+PC
- **Mounting** DIN-rail, panel

Software

- **Driver Support** Windows® 2000/XP/2003

Environment

- **Operating Temperature** 0 ~ 55° C (32 ~ 131° F)
- **Storage Temperature** -25 ~ 80° C (-13 ~ 176° F)
- **Operating Humidity** 20 ~ 95% (non-condensing)
- **Storage Humidity** 5 ~ 95% (non-condensing)

Ordering Information

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