

EX9000 SERIES

USB to RS232/422/485 Module

EX9530



Features

- USB Specification 1.1 Compliant
- Auto direction flow control on RS-485
- Full-Duplex RS-232/RS-422 support
- RS-232 support RTS & CTS handshake signals
- Minimum 3000 VDC isolation protection
- Transient suppression on RS-485 data lines
- Auto switching for USB to RS-232/RS-422 or RS-485(jumperless)
- Auto Switching Baud Rate up to 115.2 Kbps
- Reserved space for termination resistors R1(TX/DATA), R2(RX)
- Power and data flow indicator for troubleshooting
- Driver support for Windows 95/98/ME/2000/XP, Linux
- Power requirement: Self Power
- Mounts easily on DIN-rail or panel

The EX-9530 convert is an intelligent, stackable expansion module that connects to a PC USB port or USB Hub via the Universal Serial Bus(USB) port, providing one High-Speed RS-232/RS-422 or RS-485 serial port(jumperless) The EX-9530 features easy connectivity for traditional serial devices.

The RS-232 standard supports full-duplex communication and handshaking signals (such as RTS, CTS) and The RS-485 control is completely transparent to the user and software written for half-duplex COM works without any modification.

The EX-9530's Opto-isolators provide 3000 Vdc of isolation to protect the host computer from ground loops and destructive voltage spikes on the RS-232/RS-422 and RS-485 data lines.

EX-9530 also offer internal surge-protection on their data lines. Internal high-speed transient suppressors on each data line protect the modules from dangerous voltages levels or spikes. The EX-9530 module derives the power from USB port and doesn't need any power adapter.

Specifications:

- USB Controller: Compatibility USB Specification 1.1 Standard
 - USB interface connector: USB type B
 - Isolation Side: RS-232/ 422/485
 - Converted signals: RS-232/RS-422 or RS-485 Auto switching(jumperless)
 - Handshake: RS-232 support RTS & CTS handshake signals
 - Auto Switching Baud rate (bps):300 ~115.2 K BPS
 - Transmission and Receiving LED indicator
 - Isolation voltage: 3000 V DC
 - RS-232/RS-422/RS-485 connector: plug-in screw terminal
 - Accessories (Supplied):NYLON DIN-rail Mounting Adapter SECC Panel Mounting Bracket
 - Plug-in screw terminal wiring: Accepts AWG 1-#12 to #22 (0.5 to 2.5 mm) wires
 - Power requirement: USB bus power
 - Case: ABS with captive mounting hardware
 - Power consumption: 0.65 W
 - Operating temperature:0 ~ 70 °C (32 ~ 158 °F)
 - Storage temperature:-25 ~ 85 °C (13 ~ 185 °F)
- Humidity: 5 ~ 95%, non-condensing