

Isolated USB to RS232/RS422/RS485 Converter

EX9530(RS232 Handshake)/ EX9531(RS422 Handshake)

EX9530(RS232/422/485)/ EX9031(RS422/485)

Introduction:

- The EX9530/31 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 RS232/RS422/RS-485 serial port(jumperless) The EX953/31 features easy connectivity for traditional serial devices.
- The RS-232 port of EX9530 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 EX9530/31's Opto-isolators provide 3000 Vdc of isolation to protect the host computer from ground loops and destructive voltage spikes on the RS232/RS422/RS485 of EX9530 or RS422/RS485 of EX9531data lines.
- EX9530/31 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 EX9530/31 module derives the power from USB port and doesn't need any power adapter



Features:

- USB Specification 1.1 Compliant
- Auto direction flow control on RS-485
- Full-Duplex RS232/RS422 support
- EX9531: RS422 support handshake signals
- EX9530: RS232 support RTS & CTS handshake signals
- Minimum 3000 VDC Isolation protection
- Transient suppression on RS-485 data lines
- Auto switching for USB to RS232/RS422 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

Order Information:

Relative products: EX9510/10A; EX9520/A/R/AR; EX9520U4
 Accessories : USB Cable; Wall Mount ;Din Rail; CD; Quick Manual

Specification :

USB Controller: Compatibility	USB Specification 1.1 Standard
USB interface connector	USB type B
Isolation Side	RS232/ 422/485
Converted signals	EX9530: RS232/RS422 or RS485
Auto switching(jumperless)	EX9531: RS422/RS485
Handshake	EX9530: RS232 support RTS & CTS handshake signals EX9531: RS422 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	-25 ~75
Storage temperature	-40 ~85
Humidity	5 ~ 95%, non-condensing