

USB to 4-port RS485 Converter, DIN Mount

This Industrial USB to 4-Port RS485 Converter transforms a standard USB interface into four isolated RS485 communication channels. Powered directly from a single USB port (no external PSU required), this device delivers reliable serial connectivity in industrial and automation applications.

Key Highlights:

- USB-powered — plug-and-play installation
- 4 isolated RS485 serial channels
- High-level protection against electrical hazards
- Supports multi-point communication networks
- Works with standard serial software and drivers



SPECIFICATIONS	
Part number	FC-2007
Operating system	Windows 11/10/8.1/8/7/VISTA/XP/2000, Server 2025/2022/2019/2016/2012/2008/2003 -32/64bit, Microsoft WHQL/HCK Certified
Processor	CH344
Power	5VDC provided by USB port
Serial interface	Push-in terminals
RS485	2 wire half duplex
Compatible with	Modbus RTU/ASCII, BACnet
Bias resistors	Yes
Installation method	35mm standard DIN rail and screw mount
USB interface	Standard Type B Female. Static protection $\pm 15\text{kV}$ (air), $\pm 8\text{kV}$ (contact), EFT protection 40A(5/50ns), surge 5A(8/20us). 200mA self-recovery fuse (USB)
Indication LEDs	Power, Send and Receive
Signals	RS485: D+, D-, GND
Baud rate	300 to 921600bps
Parity	None, Odd, Even, Mark, Space
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Flow Control	Hardware automatic control
COM port accessible by	Included virtual COM port drivers
Isolation	RS485 port: GB/T17626.5(IEC61000-4-5), 10/700 μs short circuit, 6KV open circuit peak output voltage
Electrostatic (ESD) protection	15KV/ 600W/ms high voltage protection
Current draw	Static: less than 80mA. Dynamic average: less than 150mA
Dimensions	95 × 54 × 32 mm
Interface compliance	USB1.1,2.0,3.0, EIA/TIA RS-232
Regulatory compliance	FCC, CE and RoHS
Operating temp	-40C to +85C
Warranty	1 year limited warranty

To access technical support, please visit the U.S. Converters website at: www.USconverters.com.

Here you will find: - Latest drivers and updates for download - Technical tips - Documentation -

Configuration support - and much more... Feel free to contact our technical support team at

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