

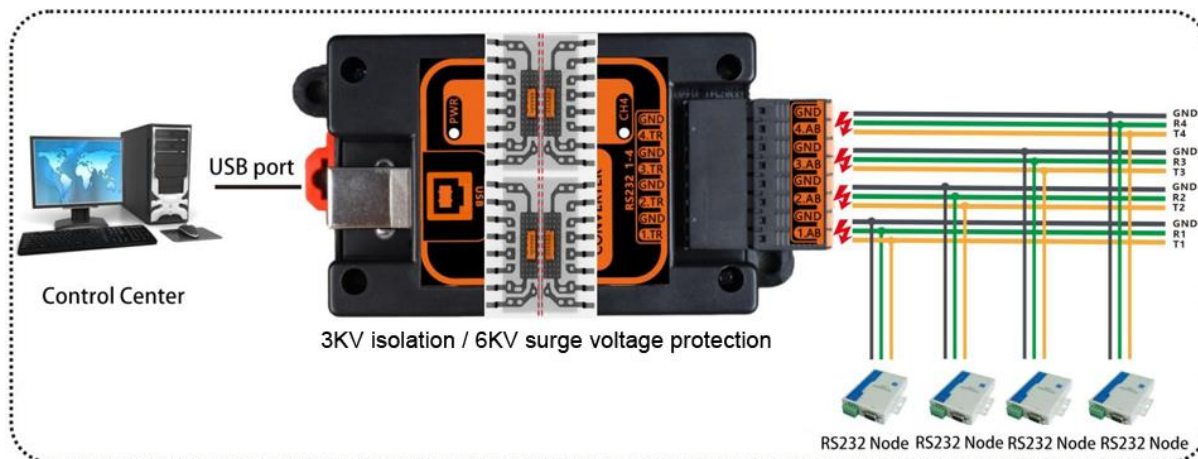
USB to Serial Adapter, 4-ports, DIN Mount



This industrial grade USB to 4-Port RS232 Converter is a robust interface adapter designed for industrial environments. It converts a single USB connection into four independent RS232 serial ports, each with high-level electrical protection to ensure reliable performance even under harsh conditions. Powered directly via USB (no external supply required), after installing the drivers the converter is plug-and-play and compatible with standard serial communication software, making it ideal for expanding legacy or automation systems quickly and easily.

Industrial-Grade Protection

- 3 kV galvanic isolation on serial interfaces protects against high voltage surges.
- 6 kV three-level lightning protection meets GB/T17626.5 (IEC61000-4-5) standards.
- Built-in TVS protection on the USB port (± 15 kV air discharge / ± 8 kV contact discharge).



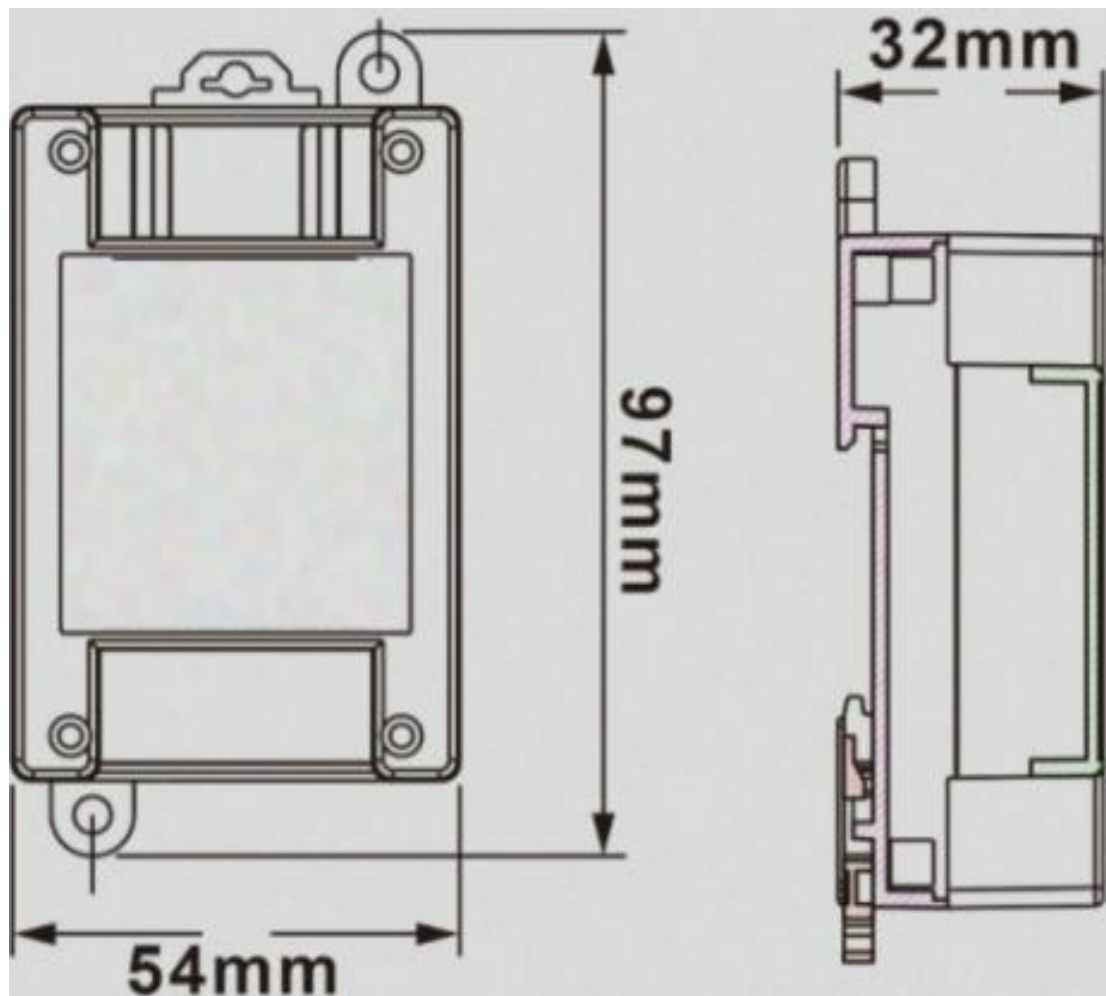
Performance & Reliability

- Four RS232 ports with independent isolation.
- Designed for wide temperature range: -40°C to $+85^{\circ}\text{C}$.
- Low operating current (< 30 mA), USB-powered.
- Rugged construction with MTBF $> 100,000$ hours.

Typical Applications

- Industrial automation systems
- PLC / HMI serial communication
- Sensor / actuator networks
- Test & measurement setups
- Legacy equipment integration

Pin assignment	
Name	Description
GND	RS232- GND
1.TR	No.1 RS232: TX / RX pins
2.TR	No.2 RS232: TX / RX pins
3.TR	No.3 RS232: TX / RX pins
4.TR	No.4 RS232: TX / RX pins



SPECIFICATIONS	
Part number	FC-2008
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	CH344L
Serial driver	SIT3232E
Serial interface	Four ports, RS232 push-in terminals Protection: GB/T17626.5 (IEC61000-4-5), 10/700µs short circuit, 6KV open circuit peak output voltage
USB interface	Standard Type B Female. TVS protection (±15KV-air and ±8kv-contact)
Indication LEDs	TX, RX and Power
Signals	TX, RX, GND
Baud rate	1200bps - 256kbps
Parity	None, Odd, Even, Mark, Space
Data Bits	7, 8
Stop Bits	1, 2
Electrostatic (ESD) protection	600W surge protection, 15KV static electricity protection
Power	Port powered from USB port
Housing	ABS plastic
Dimensions	97 x 54 x 32 mm
Weight	76g
Interface compliance	USB1.1,2.0,3.0, EIA/TIA RS-232
Regulatory compliance	FCC, CE and RoHS
Operating temp	-40°C to 85°C, 5% to 85% humidity

Warranty	1 year limited warranty
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Indication lights

Name	Color	Status	Description
PWR	Red	On	USB power input
CH1	Green	Flash	Data transmitting on serial 1
	Red	Flash	Data receiving on serial 1
CH2	Green	Flash	Data transmitting on serial 2
	Red	Flash	Data receiving on serial 2
CH3	Green	Flash	Data transmitting on serial 3
	Red	Flash	Data receiving on serial 3
CH4	Green	Flash	Data transmitting on serial 4
	Red	Flash	Data receiving on serial 4

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 mail@usconverters.com with any issues. Copyrights © U.S. Converters