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ELECTRONICS

USB to RS485/422 Mini - Premium
Part no. XS885

This surge and static protected USB to RS485/422 converter is a port powered small and convenient converter with no need for external power supply and with operating temperatures from -40 to +85 degree Celsius.

Electrically protected against static electricity, high voltage spikes and other dangerous voltage spikes which can damage your equipment or data signaling. This protection is accomplished by four TVS's (Transient Voltage Suppressors), one for each data line.

This converter is made with the high performance and very reliable FT232RL chip from FTDI and is suitable for most applications, including industrial, commercial and any general office computer and device.

Application example: Extending communication distance with RS485

Screw Terminal	RS485	RS422
1	D+	TX+
2	D-	TX-
3		RX+
4		RX-
5	GND	GND

Please download drivers for this product at:

www.USconverters.com

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.

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SPECIFICATIONS	
Model number	XS885
Operating system	• Windows 11, 10, 8.1, 8 (32/64-bit), Windows Server 2016, Windows Server 2012 / R2, Windows 7 (32/64-bit), Windows Server 2008 R2, Vista (32/64-bit), Windows Server 2008 (32/64-bit), XP, Windows Server 2003 (32/64-bit), 2000, (all WHQL compliant). Windows RT as D2XX drivers only. • Windows CE v4.2 - 5.2, 6.0, 7.0 and 2013 including: Windows Mobile 2003, 2003 SE, Windows Mobile 5, 6, 6.1 and 6.5 • Linux (built into kernel 3.0.0-19 and above) • Mac OS 8, OS 9, OS X 10.3 to 10.9 and above • Android
Indication LED lights	TX, RX and Power
Output 1	RS485 2 wire half duplex
Output 2	RS422 4-wire full duplex
Baud rate	300-921.600bps (up to 3Mbps by using alising)
Chipset	FTDI FT232RL
Power	Port-powered
Current	< 20mA
Interface	Screw terminal
Dimensions	63 x 34 x 13mm
USB	USB 1.1, 2.0 compliant
ESD protection	15KV, 600W/ms
Standards	EIA/TIA RS-485/422
Handshake /flow control	Automatic Send Data Control
Certifications	CE, FCC, RoHS ISO 9001
Operating Temp.	-40°F to 185°F (-40°C to 85°C)
Operating humidity	5% To 95% - No Condensation
Warranty	1-year Limited Warranty
ECCN	4A994.a
Schedule B	8471.80.1000
HTS	8517.18.0050