

RS232 to RS232 / RS485 / RS422  
Industrial Isolated Converter  
Part no. UT503



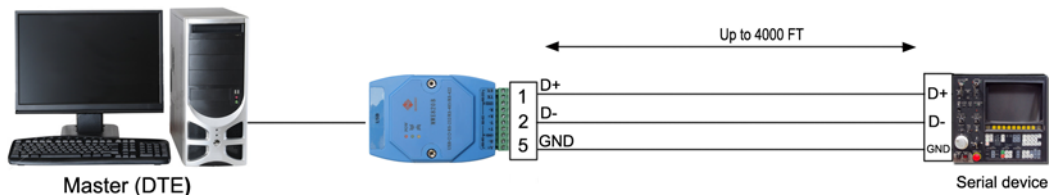
UT503 is an industrial strength optically isolated RSR232 to RS422 / RS485 converter powered by an external power supply. With its standard DIN rail mount and optional screw terminals it is a great choice for industrial and commercial applications and for general use where isolation against high voltage spikes and surges is critical.

Pin	RS232 DB9
1	
2	TXD
3	RXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

Pin	RS422	RS485
1	T/R+	A+
2	T/R-	A-
3	RXD+	
4	RXD-	
5		
6		
7		
8	VCC 9-30VDC	VCC 9-30VDC
9	GND	GND

SPECIFICATIONS	
Model number	UT503
Indication LED lights	Power, TX, RX
Baud rate	300 - 115200bps
Power	External 9-30VDC
Current	< 350mA
RS232 Interface	DB9
RS485/422 interface	Screw terminal
Isolation	2.5KVrms/600VDC isolation, dedicated DC/DC module, 600W +/- 15KV ESD protection for each RS-485/422 line
Standards	EIA/TIA RS-232/485/422
Installation	35mm standard DIN rail / screws
Handshake / flow control	Automatic Send Data Control
Certifications	CE, FCC, RoHS ISO 9001 Certified
Operating Temp.	-40°C to 85°C
Operating humidity	5% To 95% - No Condensation
Warranty	5-year Limited Warranty
ECCN	4A994.a
Schedule B	8471.80.1000
HTS	8517.18.0050

Application example: Extending communication distance with RS485



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