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E L E C T R O N I C S

RS232 Isolator 8-wire
Part no. UT-2112

High-speed 8-wire RS232 optical isolator with indication LED lights for TX, RX and Power.

This RS232 optical isolator is an industrial grade effective protection against all high voltage spikes, surges, static electricity, lightning strikes and ground loops. It effectively protects all 8 data lines against data loss and damage for up to 2500 Vrms and continuous 500VDC. Static electricity and other high voltage surges are protected for up to 15KV.

This RS232 optical isolator needs to be powered by an external 9VDC power supply which allows for effective protection while still performing at top speeds.
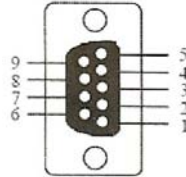
Standard DB9 connectors allows easy connection of existing serial cables, and the TX/RX signal indication lights makes troubleshooting easy.

Two 4-feet M/F Serial cables and one 110VAC/9VDC wall power adapter is included in the package.
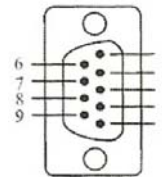
DB9 Female (PC)	RS232 (DTE end)
1	
2	TXD
3	RXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

DB9 Male (Device)	RS232 (DCE end)
1	
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

DB9 Female

DB9 Male

SPECIFICATIONS	
Model number	UT-2112
Baud rate	300 - 115200bps
Power	Externally powered (9 – 18VDC)
Current consumption	< 15mA
Interfaces	DB9 female / DB9 male
Optical isolation	2500Vrms / 500VDC
ESD protection	15KV
Opto-couplers	6N137
Working mode	Asynchronous, full transparent
Standards	EIA/TIA RS-232C / RS232
Certifications	FCC,CE, RoHs
Operating Temp.	-40°F to 180°F (-40°C to 85°C)
Operating humidity	5% To 95% - No Condensation
Dimensions	113mm x 55mm x 33 mm
Warranty	5-year Limited Warranty
ECCN	4A994.a
Schedule B	8471.80.1000
HTS	8517.18.0050

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