

RS232 to 4 x RS485 Isolated Hub  
Model MWE485H4



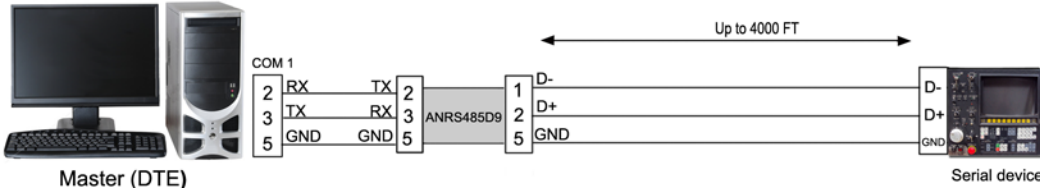
The MWE485H4 is a bi-directional RS-232 to 4-port RS-485 optical isolated converter for general industrial and commercial use. The input port can be configured as either RS232 or RS485 and the 4 output ports are RS485 ports. The output ports are optically isolated from the input ports. DIN rail mounts makes it easy to install this unit. This converter must be powered by an external 5 - 30VDC power supply which is included.

Interface A	
Pin no.	RS232/485
1	TX
2	RX
3	GND
4	D+
5	D-
6	GND
7	
8	
9	
10	

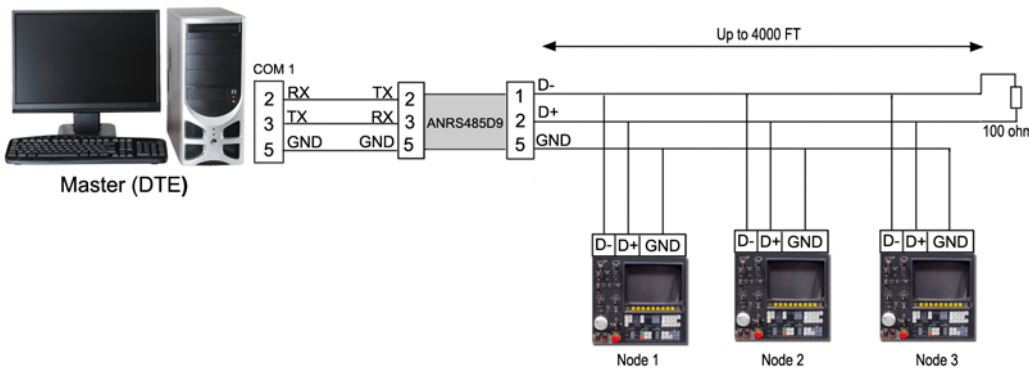
Interface B	
Pin no.	RS485
1	D+ (1)
2	D- (1)
3	GND
4	D+ (2)
5	D- (2)
6	D+ (3)
7	D- (3)
8	GND
9	D+ (4)
10	D- (4)

SPECIFICATIONS	
Model number	MWE485H4
Indication LED lights	Power, TX, RX
Baud rate	300 - 115200bps
Power	External power: 5 - 30VDC
Current	< 20mA
Interface A: 1 x RS232/RS485	Screw terminal
Interface B: 4 x RS485	Screw terminal
Isolation voltage	2500V
Clamping voltage	7 ~ 8V
ESD protection	15KV, 600W/ms
Standards	EIA/TIA RS-232C / RS485
Transmission distance	RS232: Typical: 15 FT (5m) RS485: Typical: 4000 FT. (1200m)
Handshake / flow control	Automatic Send Data Control
Certifications	CE, FCC, RoHS ISO 9001 Certified
Operating Temp.	-45°C to 85°C
Installation	DIM mount / Screws
Operating humidity	5% To 95% - No Condensation
Warranty	5-year Limited Warranty
ECCN	4A994.a
Schedule B	8471.80.1000
HTS	8517.18.0050

Extending communication distance with RS485



Master/Slave Multi-drop configuration with RS485



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