

V.35 Interface Powered IC485-3

RS-232 to RS-485 Interface Converter



The ic485-3 Interface Converter provides conversion between RS-232 interface and RS-485 standard interface. The RS-232 interface connection is via the unit's DB-25F female D-Type connector, while the RS-485 side's connection is via a five screw terminal block. The ic485-3 converter's circuitry provides a high degree of electrical isolation between the RS-232 and RS-485 sides. The RS-232 side may operate as DTE or DCE, has provisions for establishing hardware flow control, and has LEDs to indicate data transmission and reception. The RS-485 side may operate in either two wire half duplex or four wire half or full duplex and also has LED's to indicate data transmission and reception.

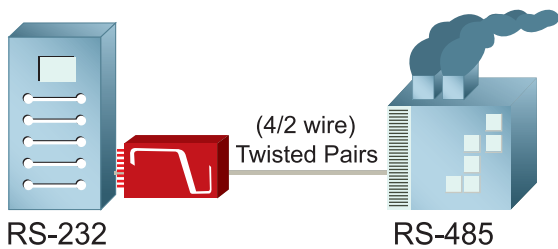
Features

- RS-485; 2 or 4 wire, Half or Full Duplex
- 2500V Isolation minimum
- DTE/DCE selectable
- Easy to configure
- Electrical Isolation: 2500V minimum
- External DC power required
- RS-232 handshaking; DTR/DSR, RTS/CTS, or Auto
- 2500V Isolation minimum

Specifications

Data Rate	1200, 2400, 4800, 9600, 19.2K, 38.4K, 57.6K or 115.2K	
Connectors	RS-232 DB-25F; RS-485 5-screw terminals block	
LEDs	TX/ RX on both side and TD/RD on RS-232 side	
Power	9VDC	
Environment	Temperature	0 — 50°C (Operating); 20 — 70°C (Storage)
	Humidity	5% — 90% non-condensing
Power Consumption	< 6W	
Dimensions(WxDxH)	80mm x 140mm x 25 mm	
Weight	180g	

Application



Ordering Info

RS-232 <—> RS-485	
ic485-3	RS232/DB25F-RS422/485; 5 screw terminals [DC Power required], Isolation, Auto. Flow control