



# RS-232 to RS-485

## IC485-3



### Features

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

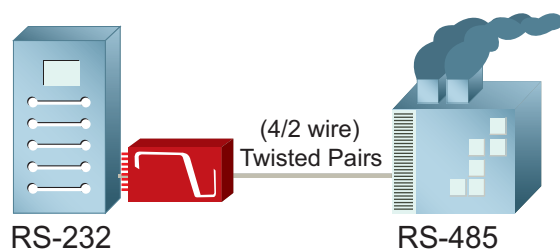
### Specifications

- Connectors: RS-232 DB-25F; RS-485 5-screw terminals block
- Power: DC9V
- Power Consumption: <6W
- Electrical Isolation: 2500V minimum
- Data Rate: 1200, 2400, 4800, 9600, 19.2K, 38.4K, 57.6K or 115.2K
- LED indications: TX/RX on both side and TD/RD on RS-232 side
- Dimensions: 140 x 80 x 25 mm (L x W x H); 5-5/8 x 3-1/8 x 1 inch (L x W x H)
- Power Source External DC9V/300mA Adapter
- Humidity: Up to 90% non-condensing
- Temperature: 0 ~ 50°C / 32 ~ 125°F
- Weight: 180g (6 1/2oz.) net

### Ordering Information

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

### Application



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.