

RS-485 Interface Family

RS-485 to RS-232 Interface Converter



ic485-3

The ic485-3 Interface Converter provides asynchronous conversion between RS-232 interface and RS-485 standard interface. The RS-232 interface connection is via the unit's DB-25F female 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.

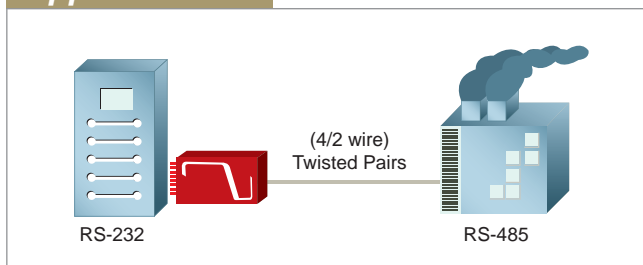
Features

- Electrically converts RS-485 to RS-232
- RS-485; 2 or 4 wire, Half or Full Duplex
- Supports optical isolation, electrical isolation of 2500V minimum
- DTE/DCE switch selectable
- Data rate up to 128Kbps
- External DC power required
- RS-232 handshaking; DTR/DSR, RTS/CTS or Auto

Specifications

Data rate	1200, 2400, 4800, 9600, 19.2K, 38.4K, 57.6K, 115.2K or 128K
Connector	RS232: DB25F with adapter cable RS485: 5 screw terminals block
LEDs	TX/RX on 485 side and TD/RD on RS232 side
Power	DC 9V in via AC adapter
Power Consumption	< 6W
Dimensions (D x W x H)mm	140 x 80 x25mm
Weight	180g
Temperature	0~50°C (Operating) ,0~70°C (Storage)
Humidity	10~90% non-condensing

Application



Ordering Information

RS-232 to RS-485

- ic485-3 RS232-RS422/485 ; 5-Screw Terminal Block, [DC Power required]
Isolation , Auto Flow control , DC In 9V / 300mA