

ic485-3



The ic485-3 Interface Converter provides conversion between RS-232 interface and RS-485 standard. 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

- 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	4-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

Dimensions 140(L) x 80(W) x 25 (H); m/m

Dimensions 5-5/8(L) x 3-1/8(W) x 1(H); inch

Power Source External DC9V/300mA Adapter

Humidity Up to 90% non-condensing

Temperature 0 ~ 50°C / 32 ~ 125°F

Weight approx. 150g (1/3lb.) net

ORDERING INFORMATION

<u>Product Name</u>	<u>Description</u>
ic485-3	RS232/DB25F-RS422/485; 4 screw terminals [DC Power required], Isolation, Auto. Flow control

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