

485K

RS-232 to RS-485/RS-422 Converter

----Full-duplex & Half-duplex ,No Jump Set

Second, the hardware installation

Shape for the db-9 / db-9 adapter box size, including db-9 (hole) end plug directly into the RS - 232-9 core socket (needle). PC RS - 232 serial port 25 DB - core and core db-9 connector pin assignment is as follows: the DB - floor - RXD (close), 3 - TXD (hair), 5 to GND (ground). Bo shi electronics may also provide military grade (40 °C) converter.

The RS - 485 or RS - 422 ?

1、 Usage

485K RS - 232 / RS - 485 / RS - 485 converter prolongs RS - 232 communication distance to more than 1.2 Km (9600 BPS). It can be used for PC – PC , between PC - microcomputer remote multimachine communication network.

2、 Hardware installation

Small db-9 dongle size. DB-9 (female) side is plugged directly into the RS – 232 socket . PC Db-9 connector pin assignment is as follows: 2 - RXD , 3 - TXD , 5 –GND.

RS - 485 or RS - 422 communication need ground wire, because the RS - 485 or RS - 422 communication requires communication on both sides of the ground potential difference less than 1 v. : half duplex communication needs 3 wire (+A, - B,GND), full duplex communication needs 5 wire (+A, -B, +Y, -Z, GND).

3 software instructions

This product needs not any software initialization settings! Only RXD , TXD, GND signal is needed for communication.We have a unique internal zero delay automatic transceiver conversion technology, to ensure that suitable for all software!

4 performance specification

485K	RS-232 to RS-485/RS-422	Half or Full Duplex	Port powered
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The RS - 485 is half duplex communication mode. The RS - 422 is full-duplex mode. 485K needs no external power supply, with highest baudrate of 115.2 Kbps. Boshika electronic series converters can be divided into the endpoint and node type, generally for the endpoint type. The endpoint type can take 128, node type can be taken 128 points. 485K has built-in 600w lightning surge protector and 15000v antistatic ESD protector.

5、 contour figure



BOSHIKA: RS-232/RS-485 ALL SOLUTION

6、Wiring and pin assignment

RS-485 CONNECTION: + A to + A , - B to - B, GND to GND.

RS-422 CONNECTION: + A to + R , - B to - R, GND to GND.

DB-9 Male Pin Assignment

Half-duplex:

1 (RS-485)	2 (RS-485)	3	4	5
A	B	GND		

Full-Duplex:

1 (RS-422)	2 (RS-422)	3	4 (RS-422)	5 (RS-422)
A+(T+)	B-(T-)	GND	R-	R +