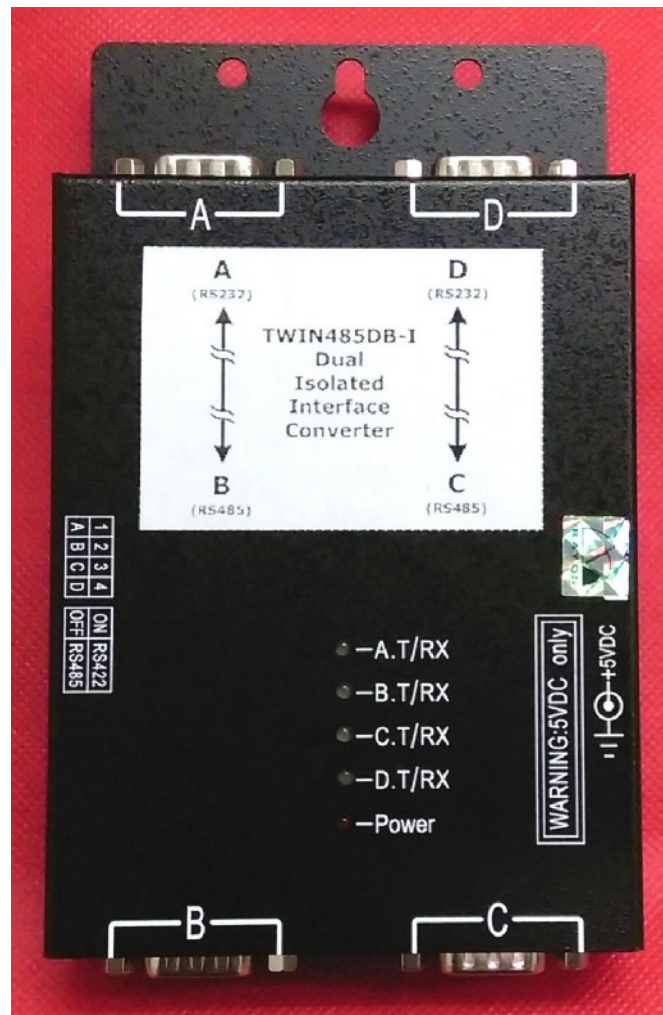


TWIN485DB-I

DUAL sets

RS232 to Ground Isolated RS422/485 Converter.

Powerful and Flexible for redundancy usage



- ★ Two sets **RS232 to RS485 converter** with triple isolated feature
- ★ Two sets **RS232 to RS422 converter** with triple isolated feature
- ★ Port A(RS232) convert to Port B(RS422/RS485)
- ★ Port D(RS232) convert to Port C(RS422/RS485)
- ★ Fully Ground Isolated Function in RS232 connector to core logic.
- ★ Fully Ground Isolated Function in RS485 connector to core logic.
- ★ Auto Data Direction Control on RS485
- ★ Full-duplex RS422 or Half-Duplex RS485 interface set by DIP switch
- ★ Each connector with data transmission LED indicator

TWIN485DB-I specifications :

RS232 interface :

- ◆ Connector type : DB9 male connector.
- ◆ Number of ports : 2

NOTE : port A is RS232 to convert RS485 in port B.

NOTE : port D is RS232 to convert RS485 in port C..

Interface type setting :

- ◆ Use one 4 bit DIP switch to set for RS422 (ON) or RS485 (OFF) interface. Bit 1 is for port A(no use here), bit 2 for port B, bit 3 for port C, bit4 for port D(no use here).

Power input :

- *UP110/UP220 US/EU type power adaptor
- *100--240 VAC input.
- *5VDC 1000mA output.
- *Current consumption: 400mA @ 5VDC.

Environment :

- ◆ operating temperature : 0°C to 55°C.
- ◆ operating humidity : 0% to 95% RH.
- ◆ storage temperature : 0°C to 65°C.
- ◆ storage humidity : 5% to 95% RH.

RS422/485 interface :

- ◆ Connector type : DB9 male connector.
- ◆ Number of ports : 2

NOTE : RS422 or RS485 interface type set by DIP switch.

NOTE : each port with isolated signal ground.

NOTE : each port with 5 signal pin TX+ , TX- , RX+ , RX- , isolated GND.

NOTE : In RS485 interface type support

Auto-Data-Direction-Control feature. Pin 2 and pin3 is shorted as Data+ signal. Pin4 and pin6 is shorted as Data- signal.

LED indicator :

- ◆ Power : DC power input ON indicator.
- ◆ AT/RX : RS232 port A TX/RX signal activity.
- ◆ BT/RX : RS485 port B TX/RX signal activity.
- ◆ CT/RX : RS485 port C TX/RX signal activity.
- ◆ DT/RX : RS232 port D TX/RX signal activity.

Accessories Option:

- ◆ A101 cable : 6 feet DB9 female to DB9 female for PC COM port connection.

Dimension :

- ◆ TWIN485DB-I box : 90mm (W) * 150mm (L) * 27mm(H)

Performance upgrade capability and relative products.

- ▲ UCON301-I box : one set ground isolated RS232/RS422/RS485 to RS422/485 converter.
- ▲ UCON310-I box : one set ground isolated RS232/RS422/RS485 to RS232 converter.
- ▲ UP422I PCIPIPORT card : each card support two Ground isolated RS422/485 ports.
- ▲ UP485I PCIPIPORT card : each card support four Ground isolated RS422/485 ports.
- ▲ RS4232-4 box : 4 sets RS232 to Ground isolated RS232/422/485 settable converter box.
- ▲ RS4232-8 box : 8 sets RS232 to Ground isolated RS422/485 settable converter box.

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