UCON485DB-I

Support one RS232 input to RS422/485 output Interface Converter

Double barrier Isolated

Triple way isolation to break any Ground loop.

★ **Support data transmission LED display for each port**

★ **Easy to set as full-duplex RS422 or half-duplex RS485 interface via DIP switch.**

★ **Input to output connector with double barrier Isolation feature.**

★ **Can be used as RS232 to isolated RS422 interface converter.**

★ **Can be used as RS232 to isolated RS485 interface converter.**

UCON485DB-I specifications :

Serial1 interface :
- ◆Connector type: DB9 male connector.
- ◆Ground isolated RS232.
  - *NOTE:Serial1 port is isolated signal ground with power adapter input.*

Serial2 interface:
- ◆Connector type: DB9 male connector.
- ◆Ground isolated RS422/RS485.
  - *NOTE: RS422 or RS485 interface type set by DIP switch.*
  - *NOTE:Serial2 port is isolated signal ground with power adapter input.*
  - *NOTE: each port with 5 signal pin TX+ , TX- , RX+ , RX- , isolated GND*
  - *NOTE: In RS485 interface type TX+ and RX+ short as Data+ signal , TX- and RX- short as Data- signal. User can use TB485 module to exchange DB9 connector to 3 pin terminal block connector.*

Power input :
- ◆**UP110/UP220** 5V power adapter.
- ◆Current consumption: 300mA.

LED indicator :
- ◆PWR: DC power input ON indicator.
- ◆**Serial1**: Isolated RS232 input port1 TXD/RXD signal activity.
- ◆**Serial2**: Isolated RS422/RS485 output port2 TXD/RXD signal activity.

Dimension :
- ◆UCON485DB-I box:
  92mm (W) * 118mm (L) * 27mm(H)

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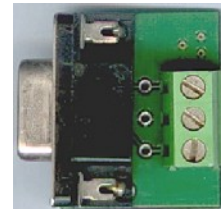- ◆storage temperature : 0℃ to 65℃.
- ◆storage humidity : 5% to 95% RH.

Application :
RS232 to GROUND isolated RS422 interface converter.
RS232 to GROUND isolated RS485 interface converter.

Accessories：

TB485：**DB9 Female to RS485 terminal block kit.**

Performance upgrade capability and relative products.

▲ UCON422DB-I box：Triple way Ground isolated RS422/485 to RS422/485 repeater/Bridge.

▲ UCON485DB-I box：Triple way Ground isolated RS232 to RS422/RS485 Interface converter.

▲ U2485DB-I box：Triple way Ground isolated Universal RS232/RS422/RS485 to RS232/RS422/RS485 Interface converter.

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