

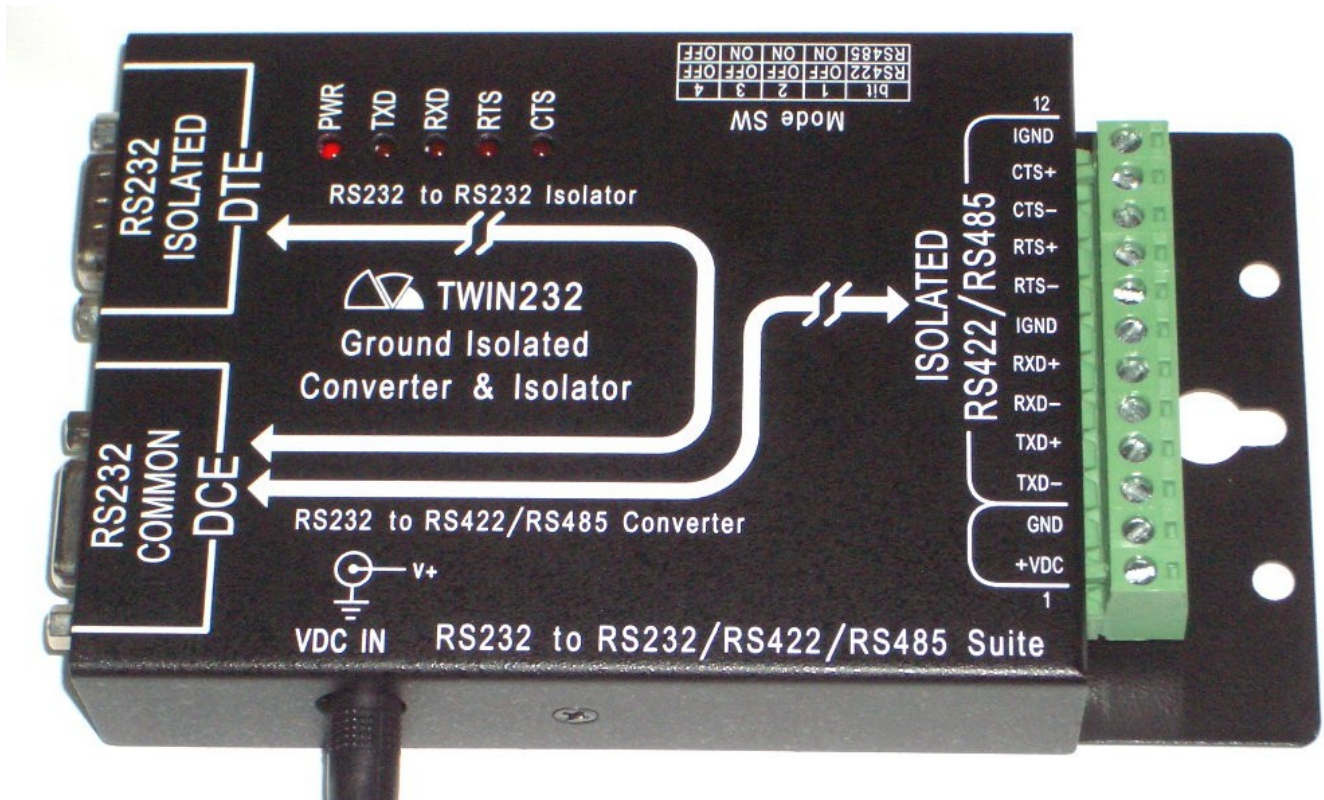
TWIN232

Industrial Ground Isolated
RS232 to
RS232,RS422,RS485 Suite

One Box to meet both requirement

Safety for local and remote connection

Powerful and Flexible for serial device



- ★ One set RS232 to RS232 isolator
- ★ One set RS232 to RS422 converter
- ★ One set RS232 to RS485 converter
- ★ Fully Ground Isolated Function
- ★ Auto Data Direction Control on RS485
- ★ Support RTS/CTS handshake on RS422
- ★ Support screw terminal and DC power adapter
- ★ Wide VDC range suitable for 12V and 24V environment
- ★ All function and Feature set by DIP switch
- ★ RS232 data transmission LED indicator

TWIN232 specifications :

Common RS232 interface :

- ◆ Connector type : DB9 Female connector.
- ◆ Signal pin definition: DCE type .

NOTE : The Ground pin for Common RS232 connector is same signal ground with power input from screw terminal or DC power adapter.

Isolated RS232 interface :

- ◆ Connector type: DB9 Male connector.
- ◆ Signal pin definition: DTE type.

NOTE: The Ground pin for Isolated RS232 connector is same signal ground with Isolated RS422/485 interface.

Isolated RS422/485 interface :

Connector type: screw terminal block.

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

NOTE: terminator resistor insert or not set by DIP switch.

NOTE: each port with 10 screw terminal signal pin TX+ , TX- , RX+ , RX- , isolated GND RTS+ , RTS- , CTS+ , CTS- , isolated GND.

NOTE: In RS485 interface type support Auto-Data-Direction-Control feature. Data+ and Data- signal can be in TX+ and TX- pair or RX+ and RX- pair.

LED indicator :

- ◆ PWR : DC power input ON indicator.
- ◆ TXD : RS232 TXD signal activity.
- ◆ RXD : RS232 RXD signal activity.
- ◆ RTS : RS232 RTS signal activity.
- ◆ CTS : RS232 CTS signal activity.

Accessories :

- ◆ A102 cable : 6 feet DB9 male to DB9 female for PC COM port connection.

Dimension :

- ◆ TWIN232 box :
84mm (W) * 150mm (L) * 25mm(H)

Power input :

- ◆ DC 9V -- 32V @ 2.5W.
- ◆ Two pin screw terminal input or standard DC power adaptor input.

NOTE : User may define common RS232 port pin 9 as DC power input (OEM base).

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.

Performance upgrade capability and relative products.

- ▲ TWIN485 box: two port ground isolated RS232 to RS422/485 converter with RS422 repeater and RS485 bridge function.
- ▲ P422I PCI PORT card : each card support two Ground isolated RS422/485 ports.
- ▲ P485 PCI PORT card : each card support four Ground isolated RS422/485 ports.
- ▲ RS4232-4 box : 4 RS232 to Ground isolated RS232/422/485 converter box.
- ▲ RS4232-8 box : 8 RS232 to Ground isolated RS422/485 converter box.

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