

RS232 Isolator STD 2.5KV B 9Pin

2 Channel RS232 Optical Isolator



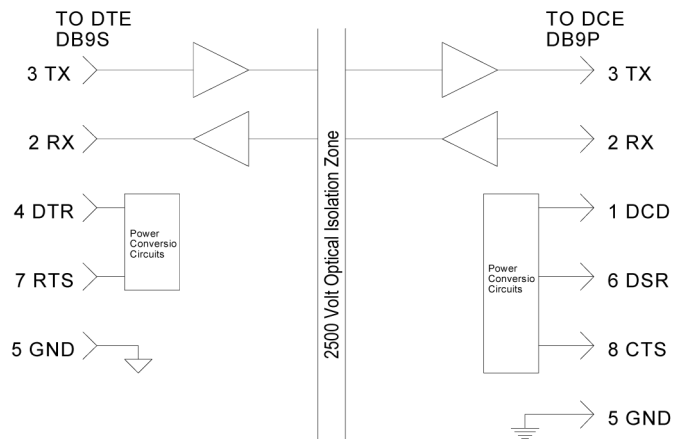
The RS232 Isolator STD 2.5KV B 9Pin optically isolates both the RS-232 transmit and receive lines. The isolator has a DB9S female connector on the DTE side and a DB9P male connector on the DCE side. Typical DTE devices include PCs, terminals, and printers. Typical DCE devices include modems and multiplexers. These devices in compliance with the low voltage requirements can be easily communicate with each other.

On a DTE device with a DB9 pin connector, the following lines are outputs:

- ▶ 3-TX (Transmit)
- ◀ 4 DTR (Data Terminal Ready)
- ▶ 7 RTS (Request To Send)

On a DCE device with a DB9 pin connector, the following lines are outputs:

- ▶ 1 DCD (Data Carrier Detect)
- ◀ 2 RX (Receive)
- ▶ 6 DSR (Data Set Ready)
- ◀ 8 CTS (Clear To Send)



▶ Technical Data:


| | |
|-------------------------|--|
| Transmission Mode: | Asynchronous, half or full duplex, point-to-point |
| Interface: | RS-232 9Pin plug 9 Pin socket |
| Signals Supported: | Transmit Data, Receive Data |
| Data Rates: | 0 to 115.2K bps |
| Power Requirements: | Port-powered from RS-232 data and handshake lines |
| Isolation: | 2500 V RMS isolation for 1 minute |
| Dimensions (L x B x H): | 61 x 33 x 17 mm |
| Standards: | RoHS; CE; EN 55022; EN 61000-6-1; EN 61000 (-4-2, -4-3, -4-4, -4-5, -4-6, -4-8, -4-11) |

DECLARATION OF CONFORMITY

Manufacturer's Name: B&B Electronics Manufacturing Company
 Manufacturer's Address: P.O. Box 1040
 707 Dayton Road
 Ottawa, IL 61350 USA

Model Number: 9SPOP2
 Description: 2-Channel RS-232 Optical Isolator
 Type: Light industrial ITE equipment

Application of Council Directive: 89/336/EEC
 Standards: EN 55022
 EN 61000-6-1
 EN 61000 (-4-2, -4-3, -4-4, -4-5, -4-6, -4-8, -4-11)


 William H. Franklin III, Director of Engineering

