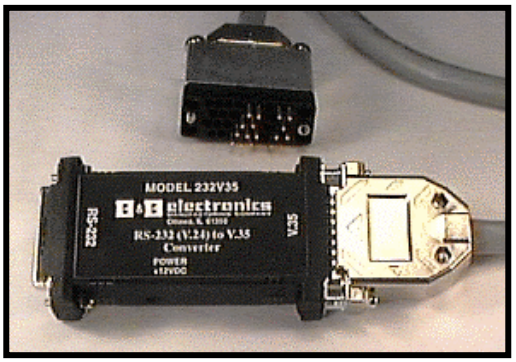
Not Recommended for New Installations.
Please contact Technical Support for more information.

RS-232 (V.24) to V.35 Converter CE

Model 232V35



The Model 232V35 allows you to connect a synchronous RS-232 (V.24) communications port to a port with a V.35 interface. The RS-232 connection is provided on a DB25 female connector and the V.35 interface is a male 34-pin connector complying with ISO/IEC 2593. The converter can be configured via a jumper block to allow a RS-232 DTE port to communicate with a V.35 DCE device or a V.35 DTE port to communicate with a RS-232 DCE device. The 232V35 is powered by 12VDC and utilizes a complete V.35 integrated circuit to provide full compliance with both the RS-232 and V.35 communications standards. A six-foot cable is provided for easy connection to equipment, and extension cables can be used to extend this distance to the maximum allowed by the two standards.

Specifications:

- Maximum Data Rate: 64 Kbps
- Protocol: Protocol independent (Synchronous protocol provided by interconnected devices)
- Signals supported: TD, RD, TC, RC, Ext TC,RTS, CTS, DTR, DSR, DCD
- Connectors: RS-232 DB25 Female, V.35 Male with 6 ft. cable
- Power: +12 to +15 VDC at 110 mA max.

The 232V35 is configured at the factory to connect an RS-232 DTE device (synchronous terminal or server) to a device with a V.35 DCE interface (synchronous modem, CSU/DSU or mutiplexer). The unit can also be configured to connect a DTE device with a V.35 interface to a device with an RS-232 DCE interface. This switching is accomplished via a 28-pin jumper block located inside the shell on the converter. To configure the converter for DTE/DCE operation, separate the hood with a small screwdriver. Carefully remove the jumper block and align the jumper block so that the arrow labeled DTE points toward your DTE device and the arrow labeled DCE points toward your DCE device. When replacing the hood, take care to align the label so that the “RS-232” lines up with the DB-25 Female connector and the “V.35” lines up with the DB-25 Male connector. See Figure 1 for jumper block location and standard configuration.

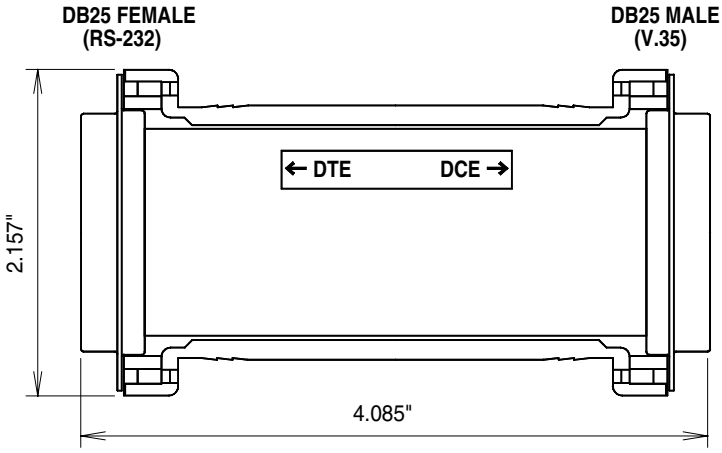


Figure 1. DTE/DCE Standard Configuration

This product designed and manufactured in USA of domestic and imported parts by

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Technical Support e-mail: support@bb-europe.com

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Figure 2a and 2b: Converter Logic Diagrams

RS-232 DTE/V.35 DCE

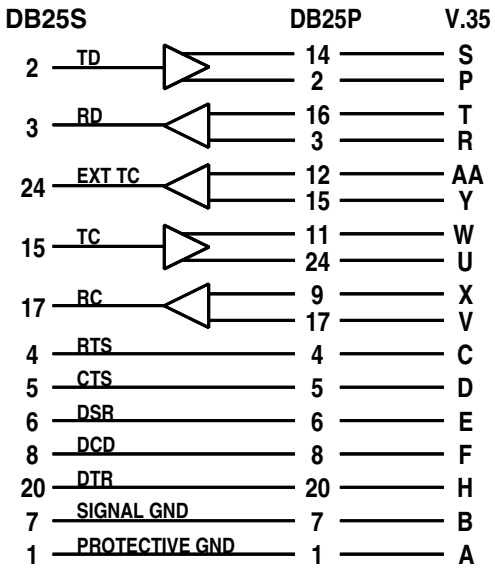

Figure 2a

V.35 DTE/RS-232 DCE

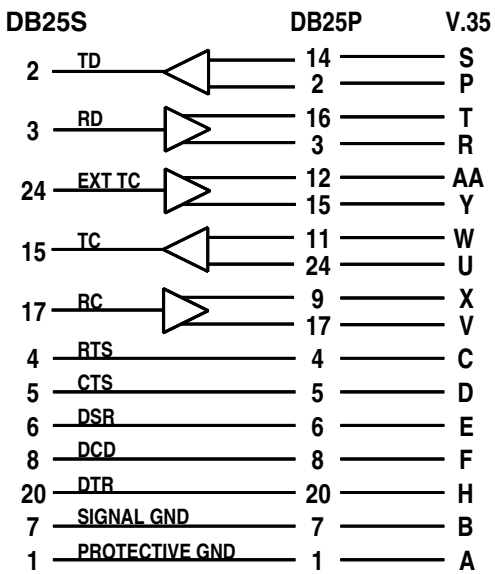

Figure 2b

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 Numbers:	232V35
Description:	RS-232 (V.24) to V.35 Converter
Type:	Light industrial ITE equipment
Application of Council Directive:	89/336/EEC
Standards:	EN 50082-1 (IEC 801-2, IEC 801-3, IEC 801-4) EN 50081-1 (EN 55022, IEC 1000-4-2) EN 61000 (-4-3, -4-4) ENV 50204

CE

Michael J. Fahrion, Director of Engineering

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