

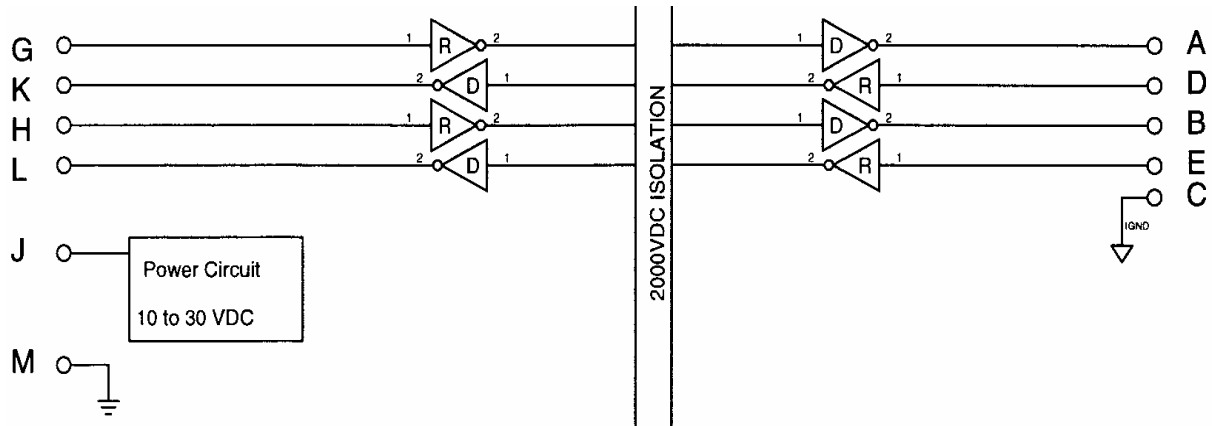
Model: 232OPDR
RS-232 Isolator CE
DIN Rail Mountable

Overview

The 232OPDR is a DIN rail mountable RS-232 optical isolator. It isolates four RS-232 lines at 2KV, two lines in each direction. The signals can be data or handshakes. There are four LEDs to show data traffic and one LED for power. The connections are made through terminal blocks on each side. The 232OPDR requires a single 10 to 30 VDC power supply.

The 232OPDR is ideal for the industrial environment. The 2000 volt isolation allows the isolator to protect your computer from ground loops and induced currents caused by lightning, heavy equipment turning on and off, or the serial cable running close to high power lines. The isolation also helps eliminate ground loops caused by different potentials on the grounds.

The 232OPDR can also be used as a repeater to extend the RS-232 signal beyond 50 feet. The signal lines can handle either two data lines in each direction, or one data line and one handshake line in each direction.



Specifications

Dimensions: 3.9 x 2.9 x 1.0 in (9.9 x 7.4 x 2.5 cm)
 Temperature Range: -40 to +80 °C (-40 to +176 °F)
 Supply Voltage: +10 to 30VDC @ 100mA
 +9 to 30VAC @ 100mA
 Data Rates: Up to 115.2K bps
 Connectors: Screw down terminal blocks
 Isolation: 2000 VDC isolation for 1 minute

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:	232OPDR
Description:	RS-232 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)

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