

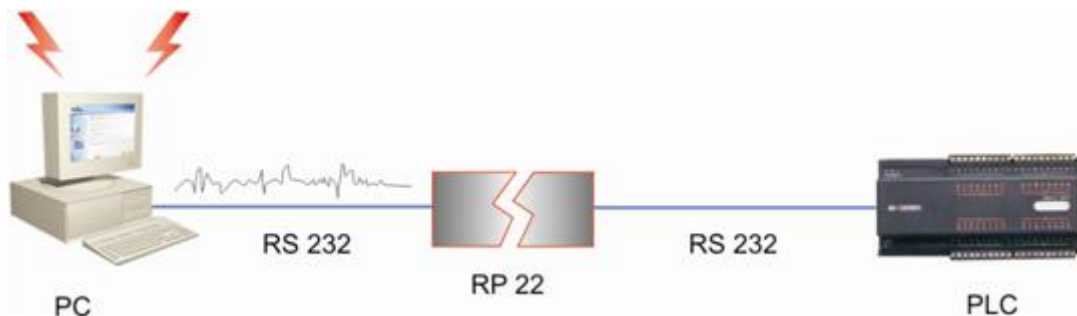
RS-232 Optical Isolator RP22



- Lighting Surges Protection
- 115.2 kbps Data Rate
- 2500 VAC Isolation
- DB9 Connection

RS-232 Optical Isolator RP22 is designed for isolates and protects RS-232 Equipment from lightning surges, accidental high-voltage short, and ground loop. RS-232 data signals TD, RD, RTS, and CTS are supported at up to 115.2 kbps. The RP22 provides 2500 V RMS of isolation between sides.

Typical DTE devices include PCS, terminals, and printers. Typical DCE devices include modems and multiplexers. Most computer DTE ports are male and most DCE ports are female. If the RP22 inserted into a working system, it will only pass signals if inserted correctly. Therefore, if devices communicate with each other without the RP22 in the line, but not after it is installed, simply reverse the isolator using gender and reinstall.



Protect equipment from damage caused by signal interference or lightning.

Specifications

Serial Interface

Serial Standards: RS-232

(To DTE = DB9 Female, to DCE = DB9 Male)

Transmission Mode: Asynchronous,
Half/Full-Duplex, Point-to-Point
Communications

Signals Support: Transmit Data, Receive
Data, Request To Send, Clear To Send

Data Rate: Up to 115.2 kbps

Isolation: 2500 V RMS isolation for 1 min
(may be limited by external supply)

Power Requirements

Power Supply: 12 VDC (not included)

External Power Connection: 2.5 mm
Power Jack

Power Consumption

Standby: 100 mA

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W117 x H65 x D23 mm.

Warranty

Warranty Period: 5 Year

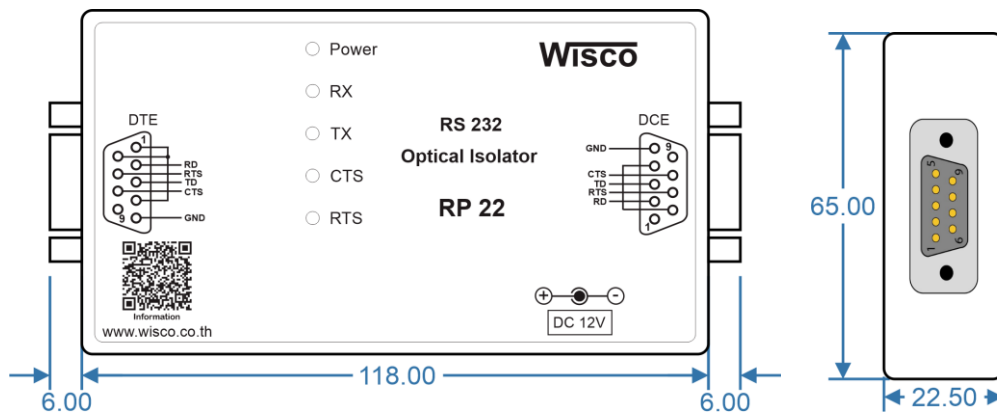
Ordering Information:

Example RP22

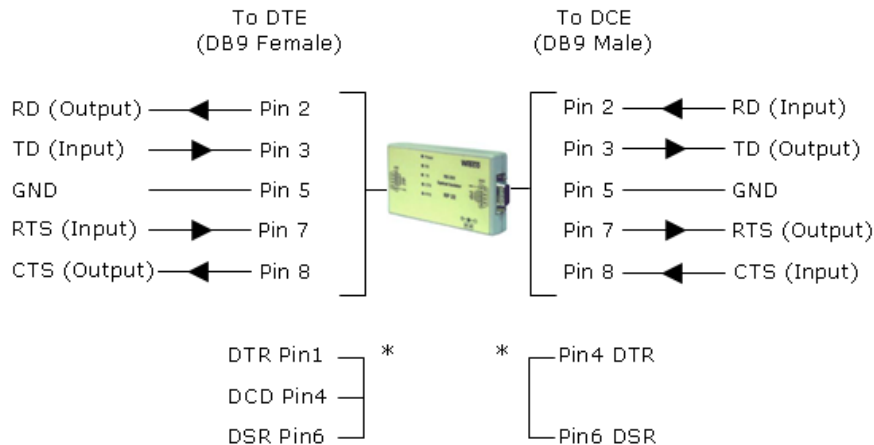
Package Checklist

1. RP22
2. RS-232 Cable
3. Adapter 9 VDC

Dimension (Unit: mm.)



Connector



* Pins connected together inside unit