TRP-C06H Dual port RS-232 to RS-422/485 Isolated Converter

Introduction

The TRP-C06H allows 2 RS232 line signal to be bi-directionally converted to RS-422 or RS-485 standard and transmit data up to 1.2KM . Featuring automatic data format and baud rate detect function users just need to plug the unit and go without extra configuration efforts. TRP-C06H is equipped with 3000V DC of isolation and internal surge protection to protect the host computer and converter against high voltage spikes, as well as ground potential differences. The industry standard DIN rail and panel mounting design enable user a fast and professional installation.

Features

- Wide range input DC power supply.
- Automatic data format configuration.
- Auto direction flow control on RS-485.
- Auto baud rate switching from 300bps to 115.2Kbps.
- 3000V DC isolated protection.
- Surge protection on RS-422/485 data lines.
- Power/TX/RX mode LED indicator.
- Support screw terminal and external DC adaptor.
- DIN rail or panel mounts support.

Specifications

- Power input voltage: DC +10V to +30V.
- Host connection: 2 standard D-Sub 9 pin female connectors.
- RS-232 interface: Standard D-Sub 9 pin female connector.
- RS-232 signal: TXD, RXD, GND.
- RS-422/485 interface: Industrial plug-in screw terminal.
- RS-485 signal: Differential 2 half-duplex wires (D+, D-).
- RS-422 signal: Differential 4 full-duplex wires. (TX+, RX+, TX-, RX-) .
- Communication speed: Form 300bps to 115.2Kbps auto detecting.
- RS422/485 line protection: Against surge, short circuit, voltage peak.
- Distance: Up to 4000ft (1200M).
- Isolation voltage: 3000V DC.
- Plug-in screw terminal wiring: Accepts AWG #12 ~ 30 wires.
- Signal LED: Power on, TXA, RXA, TXB, RXB.
- Power supply: Screw terminal, or external DC adapter.
- Power consumption: 1.3W.
- Operating environment:-10 to 50℃ .
- Storage temperature: -20 to 70℃ .
- Humidity: 10-90% Non-condensing.
- Dimension: 151mm X 75mm X 26mm .
- Weight: 375g .