



NP108 active converter with optoelectronic isolation lightning protection RS-232 to RS-485/422

NP108 is an active converter with optoelectronic isolation lightning protection RS-232 to RS-485/422 (also known as lightning protection RS-485 converter, lightning protection RS-422 converter, RS-485/422 card) It is specially designed to solve the data communication between RS-232 serial device and RS485/422 serial device. The RS485 converter can convert single-ended RS-232 signals into balanced differential RS-485 or RS-422 signals. The built-in control chip can automatically recognize RS-485 or RS-422 signals without manual dialing. Another important feature of the RS485 converter is that the built-in anti-interference device is extremely effective in suppressing the damage caused by lightning and ground potential difference to the equipment. RS485 converter has strong lightning and surge protection. RS485 converters provide point-to-point, point-to-multipoint connections. 32 RS-485/RS-422 devices can be connected for point-to-multipoint connection. The RS485 converter is the best choice for users to do system engineering outdoors!

Product Features:

1. Automatically send/receive data without external flow control signal (RTS)
2. Ability to connect 32 RS-485 or RS-422 interface devices
3. Power supply and dual color data flow indicator to detect fault point
4. Asynchronous Half-Duplex (RS-485) or Asynchronous Full-Duplex (RS-422) Universal, No Jumper Setting
5. RS-485/422 provides lightning protection of 600W per line and prevents common ground interference
6. Applicable to all communication software used, plug and play
7. Support DOS/WIN95/WIN98/WIN2000/NT/XP Linux

Technical Parameters:

- ◆ Interface characteristics: EIA/TIA-compatible RS-232C/RS-485/RS-422 standard
- ◆ Electrical interface: RS-232 interface (DB9 female type), RS-485/422 interface (five terminal)
- ◆ Working mode: Asynchronous half duplex or asynchronous full duplex
- ◆ Transmission rate: 300-115200BPS
- ◆ Transmission distance: 0-5 kilometers
- ◆ Transmission media: RS-485/422 dedicated shielded cable
- ◆ Protection level: 600W lightning surge protection, 15KV electrostatic protection
- ◆ Use environment: -10°C-50°C, relative humidity 5%-95%
- ◆ Equipment size: 91mm*66mm*25mm
- ◆ External power supply: voltage 9v-12v, current 100mA
- ◆ Quality Assurance: 2 Years