

Summarize

ATC-108 light insulation type converter, compatible RS-232C, RS-422, RS-485 standard. AT-108 can transform RS-232 signal into RS-422 OR RS-485 signal in balance difference. Inner light insulation type and DC/DC direct current converter, can provide 3500V isolation voltage, Fast instantaneous voltage suppresser (TVS) can control lightning and ESD effectually, provide 600W protect power against lightning Strike surge for each line, which prevent lightning strike and grounding interfere effectually. RS-232 port connect with PC, IPC, or laptop by a DB9 linker, RS-422, RS-485 port connect by connection terminal with 7 bit connection. Because RS-485 sustain two line half double work, i.e. RS-485 only two lines which must send and receive message. Handclasp single (for example RTC, Request to send) usually control TXD direction, ATC-108 light insulation joint converter inner circuit can automatically apperceive data stream direction and automatically switch so that control. It is convenient consist RS-485 network without handclasp single. RS-485 control is complete transparent without any modify based on RS-232.



ATC-108 light insulation port converter can provide dependable connect from spot to spot, spot to more spot which can permit connect 32 equipment for RS-422 or RS-485. Data communication speed 0-115.2 KBPS, three power and data flux indicator light can show failure situation. Supporting communication format from RS232C to RS-422, from RS-232 to RS-485 transform.

Parameter

1. Connection port character: port compatibility EIA/TIA RS-232C, RS-485/RS-422 standard.
2. Electric port: RS-232C joint DB9 hole linker; RS-422/RS-485 hole type linker.
3. transportation medium: twisted-pair or STP.
4. Working manner: asynchronism semiduplex or asynchronism full duplex.
5. Signal indicate: three signal indicate light TXD, RXD, PWR
6. Insulation degree: insulation voltage 3500VRMS 500VDC
7. Transmission speed: 115.2K BPS to 1.2 km; 38.4KBPS TO 2.4M; 600BPS to 5km
8. Protection class: RS-232 joint +/- 15 KV ESD protect RS-422, RS-485 joint 600W lightning strike survey protection.
9. Transmit distance: 0-5 kilometer (115200-9600BPS)
10. Usage enviroment: -25 to 70, relative humidity is from 5 ~ 95%.

Dimensions

(In mm. 1mm = 0.03937 inches)

