RS485 TO RS422 CONVERTER

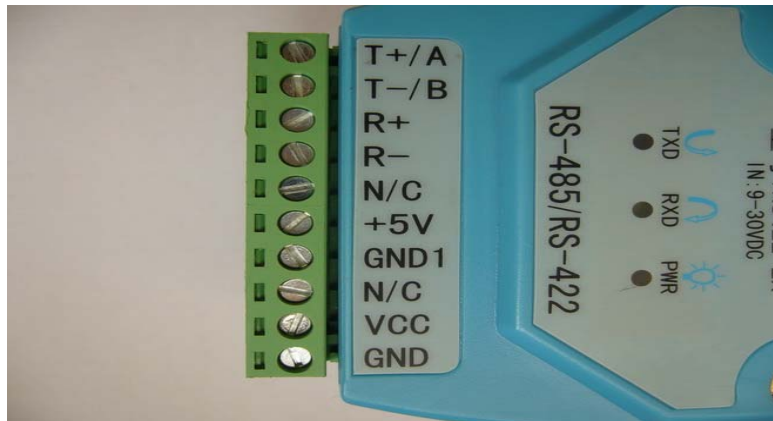# Model:RS422-ZX

Description:

 RS422-ZX optical isolation repeater, compatible with RS-422, RS-485 standard, can extend the communication distance of RS-422/RS-485 bus network, increasing the number of RS-422/RS-485 network equipment within set the DC / DC isolation module, RS422/RS485 output interface with high-speed optocoupler 2500V optical isolation and 600W lightning protection, can effectively prevent static electricity from the RS422/RS485 bus, lightning, surge and ground potential and poor equipment damage. . Converter with internal zero delay automatic transceiver conversion, unique I / O circuit automatically controls the data flow direction, without any handshaking signals (such as RTS, DTR, etc.), without the jumper settings to achieve full-duplex (RS- 422), half-duplex (RS-485) mode conversion, plug-and-play.

 RS422-ZX optical isolation repeater can provide reliable connections for point-to-point, point-to-multipoint communications, point-to-multipoint each repeater can be allowed to connect 128 RS-422 or RS-485 interface device, data communication speed of 300-256KBPS, with a power indicator and data flow indicator can indicate malfunction.

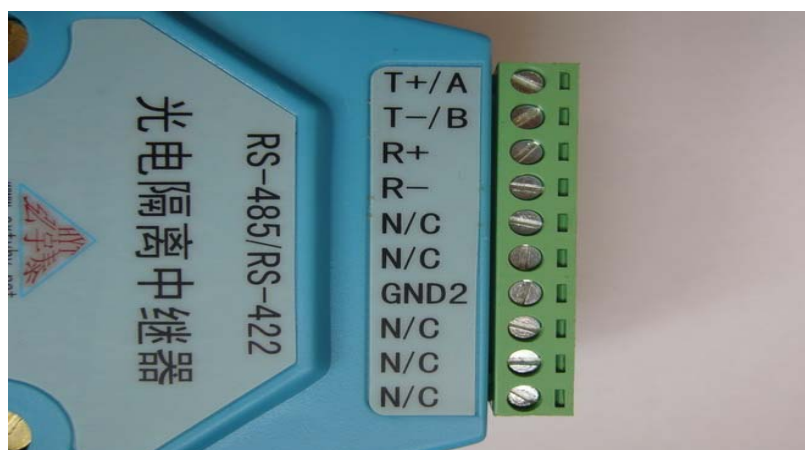-The left terminal arrangement as follows: (Labelling of Products labeled)

1 -------- Send a positive terminal T + (A) RS422 / RS485 D + (A)

2 ---------- T-(B) RS422 transmitted negative terminal / RS485 D-(B)

3 ---------- R + RS422 received the positive terminal Receiving a negative terminal

4 ---------- R-RS422

5 ---------- NC empty

6 ---------- +5 V 5V power output positive terminal

7 ---------- GND1 5V power output negative terminal

8 ---------- NC empty

9 ---------- VCC Positive Power Supply (9-30VDC)

10 --------- GND power input negative terminal (internal and GND1 connected)

- The right terminal arranged as follows: (Labelling of Products labeled)

1 ---------- Send a positive terminal T + (A) RS422 / RS485 D + (A)

2 ---------- T-(B) RS422 transmitted negative terminal / RS485 D-(B)

3 ---------- R + RS422 received the positive terminal Receiving a negative terminal

4 ---------- R-RS422

5 ---------- NC empty

6 ---------- NC empty

7 ---------- GND2 right signal ground (GND1 photoelectric isolation)

8 ---------- NC empty

9 ---------- NC empty

10---------NC empty

Commodity Characteristic:

-The industrial rail mounting, Asia once the module

-Compatible TIA/EIA422/485 standards

-Automatic send / receive data without the need for external flow control signals (RTS)

-RS-485/RS-422 bus network can extend the communication distance, the entire RS-485/422 network, greatly improving the reliability of

-Communication rate: 300BPS-256KBPS

-Power supply :9-30VDC / 350mA (wide voltage input, internal dedicated power regulator isolation module)

-Both ends 128, RS-485 or RS-422 interface device interface can be connected

-Communication Distance:> 1.5Km (9.6Kbps)

-Power and data flow indicator, three signal light power (PWR) sent (TXD) receive (RXD)

-Working mode: asynchronous half-duplex (RS-485) or asynchronous full duplex (RS-422), Universal, no jumper setting

-Optical isolation enhanced (the isolation voltage 2.5KVrms / 500VDC insulated), dedicated DC / DC module

-Both ends the RS-485/422 provides 600W per line lightning protection, surge, + /-15KV ESD protection and to prevent interference from common ground

-Electrical Interface: dual ten terminals

-Transmission media: twisted pair or shielded wire

-Dimensions: 120mm * 70mm * 25mm

-Operating environment: -40 ° C to 85 ° C, relative humidity of 5% to 95%

-Apply to all communications software, plug-and-play

-Support DOS/WIN95/WIN98/WIN2000/NT/XP Linux

Commercial Application:

-PLC programming and communication

-Industrial automation and control systems

-Remote computer monitoring system

-Automated electronic production equipment

-Access Control System

-Attendance Management System

-Consumer systems

-Parking system

-Buffet banking system

-Bus fare collection system

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