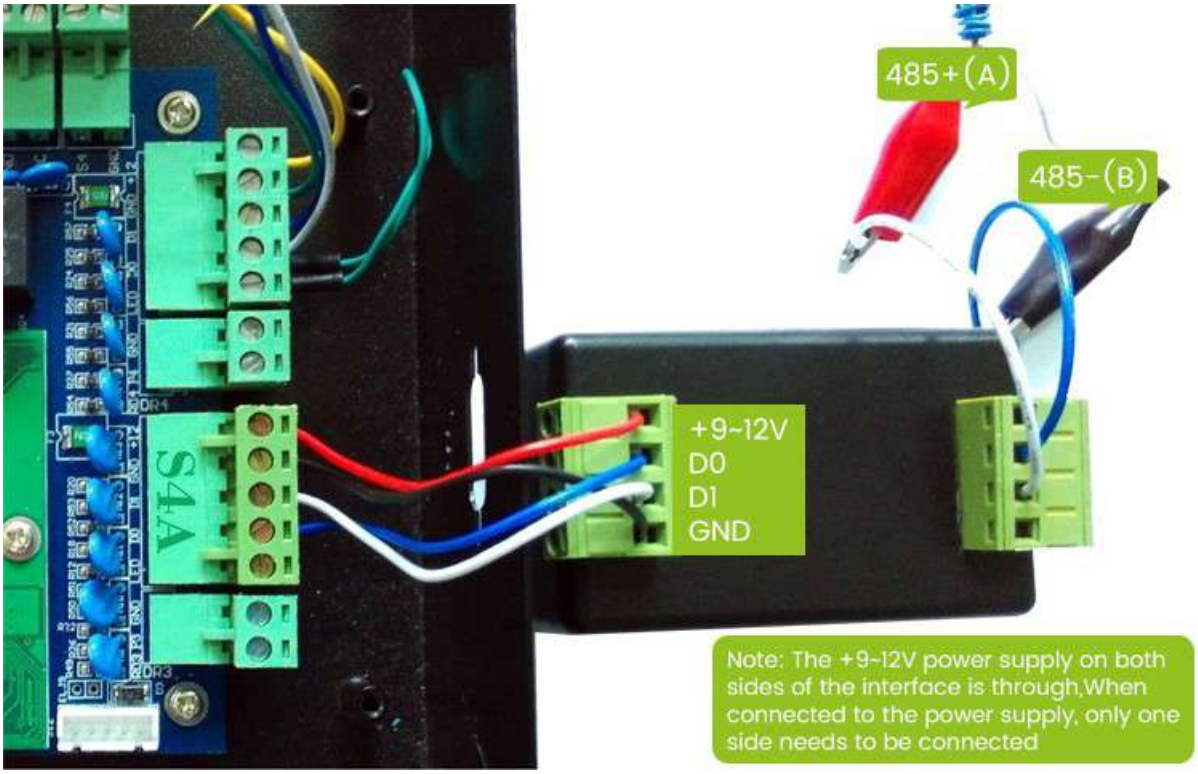
WGA na RS485

Konverter signala WIEGAND na RS485



The converter uses a 9~15V/50mA power supply, and can directly use the 12V power supply of the Wiegand input port of the access controller, with a static working current of about 20mA, or an external 9~12v power adapter.

The converter supports two-way conversion between Wiegand model and 485 signal. The conversion process is automatically identified through the signal transmission direction, without manual plugging or plugging of the interface or other settings. The Wiegand signal format supports the standard WG26/WG34, 485 communication parameters 9600/N/8/1. If you need to support other private Wiegand or 485 protocols, you can provide data for customization.

The converter uses a high-anti-interference MCU processing chip, built-in watchdog circuit, automatically detects the working status of the equipment, and automatically resets when the work is abnormal to ensure that the converter never crashes.

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Baud rate	9600
Test	N
Data bit	8
Stop bit	1
Voltage	9-15V
Current	< 30mA
Dimensions	70×41×23mm

1. Power connection

The converter uses a 9~15V/50mA power supply, and can directly use the 12V power supply of the Wiegand input port of the access controller, with a static working current of about 20mA, or an external 9~12v power adapter.

2. How to use 485 to Wiegand

2.1 Connect the signal wires of the converter A/B (485+/485-) and the 485 output device (such as 232/485 transcoder).

2.2 Connect the Wiegand interface D0/D1/GND of the converter and the corresponding Wiegand input device. (Here the converter GND must be connected to the GND of the input device)

2.3 Send a 3-byte signal through the 485 device.

2.4 The Wiegand output port of the converter outputs Wiegand 26 signals.

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