

WJ21/WJ31 MODBUS RTU Setting Manual

WAYJUN WJ21 series: mA&V to RS485/RS232 converter

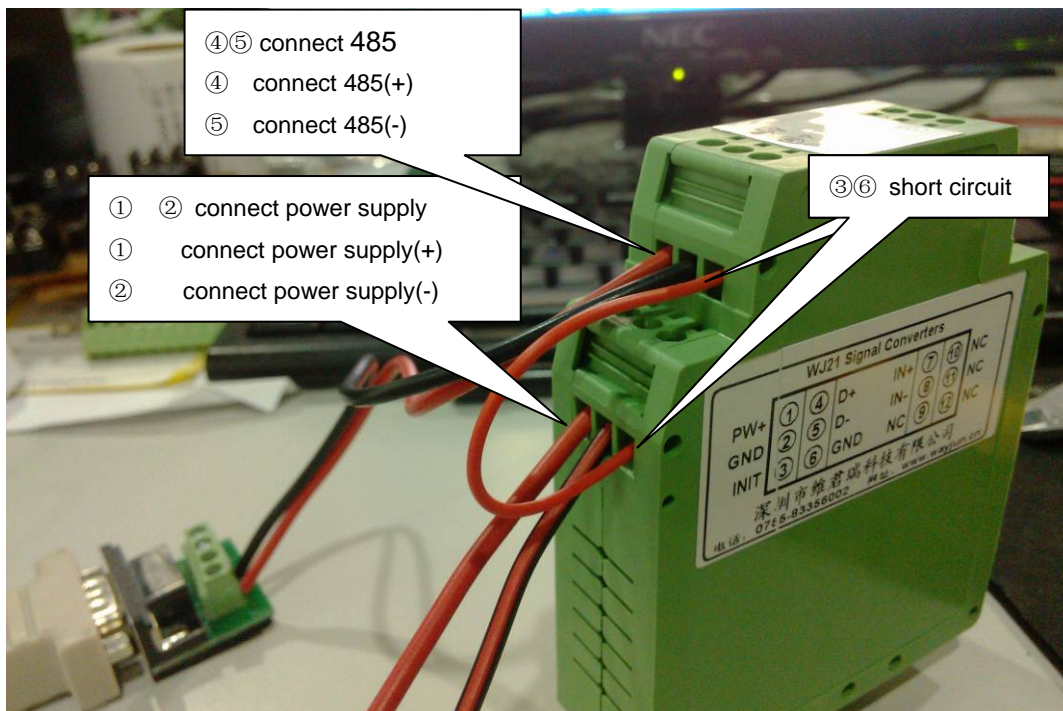
http://www.wayjun.net/index.php?main_page=product_info&cPath=3&products_id=13

WAYJUN WJ31 series: RS485/RS232 to mA&V converter

http://www.wayjun.net/index.php?main_page=product_info&cPath=3&products_id=41

Setting Steps:

1. Connect power supply line and communication line(485 or 232 interface), Short circuit PIN7 and PIN8(as shown in the pictures below)



2. Open software "WAYJUN Test", select communication serial port and baud rate, input command "\$00P1", click "Send", if "Response" shows !00, it indicates that WJ21 or WJ31 device has been set to Modbus protocol. Then turn off the power supply, remove short lines between PIN3 and PIN6. (If no response, please check connection and communication interface)

The screenshot shows the 'WAYJUN Industrial Automation' software interface. It features several control panels:

- Serial Port Selection:** A dropdown menu for '串口选择/COM' is set to 'COM5'. A callout box points to this menu with the text 'Select serial port and baud'.
- Baud Rate Selection:** A dropdown menu for '波特率选择/Baud' is set to '9600'.
- Command Input:** A text input field contains '\$00P1'. A callout box points to this field with the text 'Input command \$00P1'. Below the input field are buttons for '发送命令/Send', '自动发送/Continue send', '时间间隔' (set to 100 mS), '停止发送/Stop', and '另存为/Save to file'.
- Settings Configuration:** A panel on the right contains '设置配置' (Module address/ID: 01, Data format: 工程单位), '设置协议' (Communication protocol: 字符通讯协议), and '波特率 (需安装配置跳线)' (set to 9600).
- Response Display:** A text area at the bottom shows '接收到的数据/Response' with the output '!00'. A callout box points to this output with the text 'check response !00 or not'. Below the response area, a timestamp '2013-9-29 上午 11:39:46' and 'Comma' are visible.

At the bottom of the window, contact information is provided: '技术支持电话/Tel: +86-0755-83316002' and '网址/Website: www.wayjun.cn'.