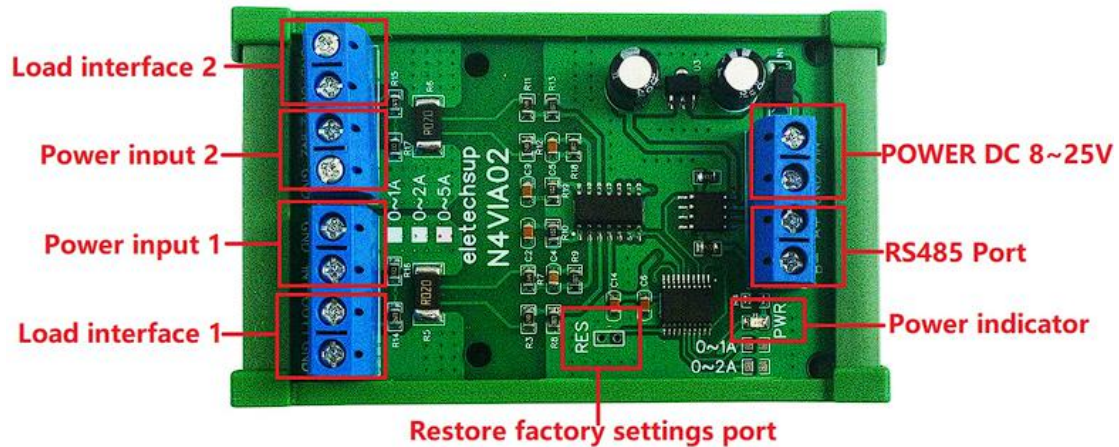


N4VIA02 2-channel RS485 voltage and current collection module



Functional description:

Power supply voltage: DC 8-25V(12V recommended);

Operating current: 8-13mA;

MODBUS RTU protocol: 03 read command, 06/16 write command.

Serial port Baud rate: 1200 2400 9600(default) 19200 38400 57600 115200 , N/E/O, 8, 1;

By modifying the RS485 address, up to 247 modules can be cascaded (more than 16 please use R485 repeater);

Voltage and current values can be read;

Current measurement range: 0~1A, 0~2A, and 0~5A. It is recommended to select a version with a smaller range within the range that meets the measurement;

Voltage measurement range: 0~30V;

Measurement accuracy: 1%. If the read value is too different from the actual value, recalibrate

Size: 72X 47 X 12MM(only board),87X 50X 37MM(with case)

Weight: 23g(board only),68g(with case)

Note: The module will restore factory settings and restart automatically after 5 seconds of shorting the RES port.

MODBUS RTU protocol please refer to : " N4VIA02 Modbus RTU"

Wiring diagram:

- 1 Only measure 0-30V voltage signal
- 2 Only measure 0.04-1/2/5A current signal (the voltage of current signal can be DC 0-110V)
- 3 Measure voltage and current signal

