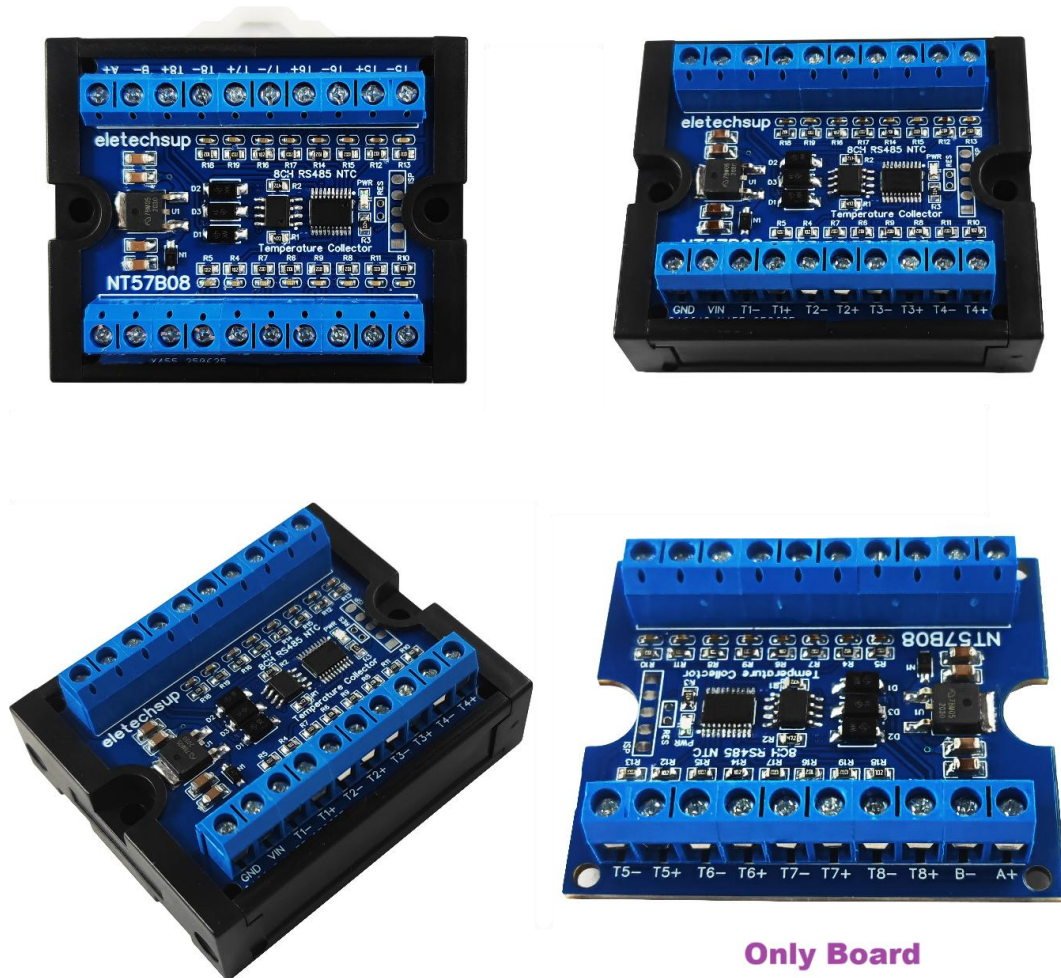


NT57B08 8CH RS485 NTC MANUAL



Only Board

Features:

- 1: Operating Voltage : DC 7-25V(DC 9V 12V 15V 24V)
- 2: Operating Current :10-16MA(dependent on the number of external NTCs)
- 3: MODBUS RTU Command support 03 04 06 16 function code
- 4: The default baud rate is 9600BPS, the baud rate can be selected by command 2400 4800 19200 38400 57600 115200BPS
- 5 Parity : NONE EVEN ODD
- 6:Adapted sensor:10K B3950 1% NTC thermistor, Up to 8CH NTC sensors can be connected at the same time
- 7:Temperature measurement range (using our NTC sensor): -20 ° C to +125 ° C.
- 8:Temperature measurement accuracy (using our NTC sensor): 1%.
- 9:NT57B08 can not only use NTC to measure temperature, but also measure resistance values of 1K-200K ohms.
- 10:Size : 59*50*14(Only Board) ,65*55*26(With DIN Case)
- 11:Weight: 27g (Only Board) ,52g(With DIN Case)

NT57B08 can be used to measure temperature with NTC, and it can also be used to measure common resistance value. Temperature measurement range: -40-125℃;Resistance measurement range: 1K-200K Ω .

Modbus RTU Command Please refer to : "NT57B08 MODBUS RTU Command"

NTC sensor specifications:

NTC sensor specifications:

Product Name: 4*25mm NTC Waterproof Probe

Total length : 0.5M,2M,5M

Resistance value: 10K

Resistance accuracy: $\pm 1\%$

Resistance B value: 3950 $\pm 1\%$

Temperature range: -20 $^{\circ}\text{C}$ -125 $^{\circ}\text{C}$

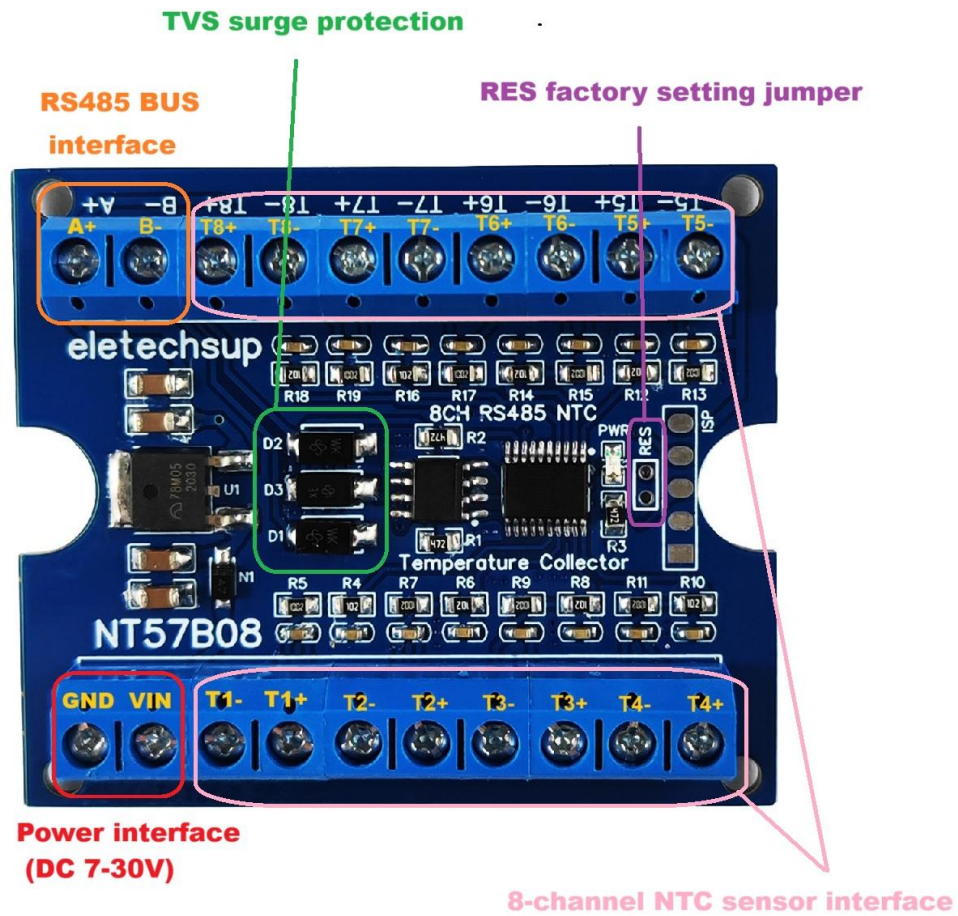
Wire size: 2651 26# parallel line temperature 105 $^{\circ}\text{C}$

Plug model: Tinned tail

Weight: 4g(0.5M),13g(2M),32g(5M)

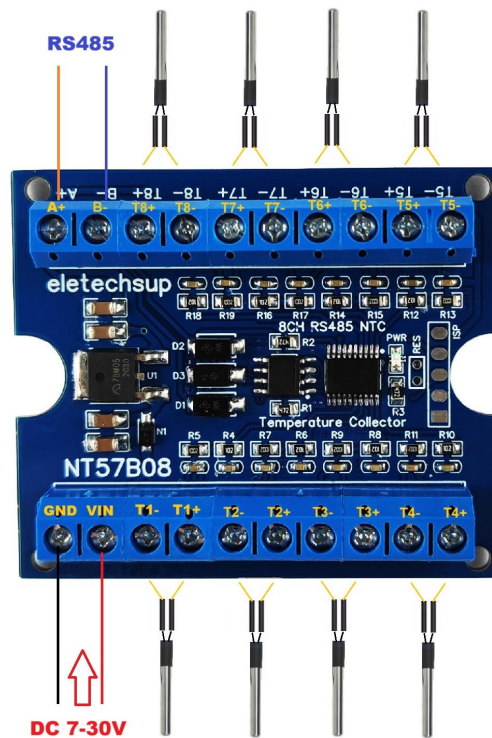
Note:

This module does not have an NTC sensor. The NTC sensor needs to be purchased separately (10K B3950 1%);The module's measured resistance value is 1%, and the theoretical temperature range is -273s~200°C. The final temperature measurement accuracy and temperature range are determined by NTC thermistor.



Wiring diagram:

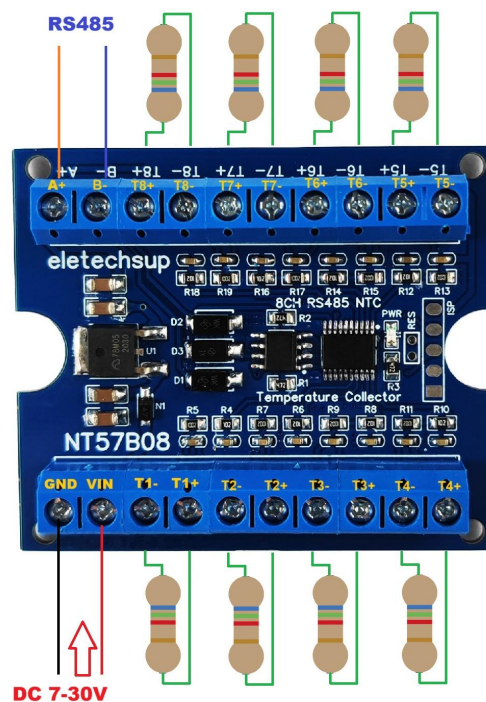
8CH Temperature Measurement Wiring Diagram



NTC Parameter :10K 3950 1% ,Cable length range <=10 meters

Tip: NTC has no positive or negative polarity

8CH Resistance Measurement Wiring Diagram



Resistance measurement range: 1K-200 ohms