

Figure 4: Analog Input Wiring Diagram

5.Installation method: Rail-mounted

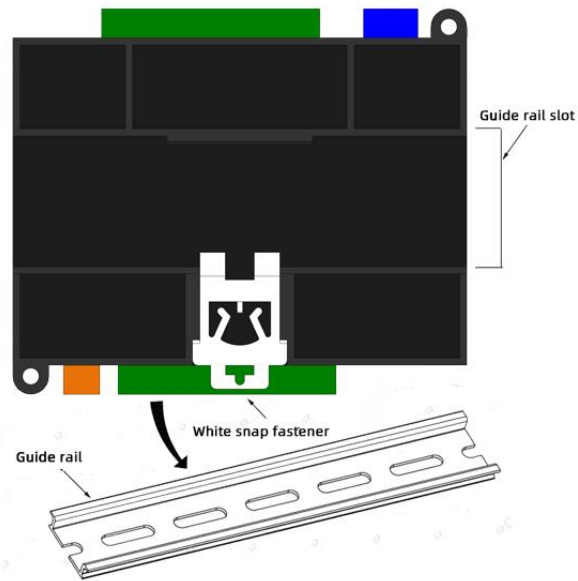


Figure 5: Pull down the white snap of the product and insert it into the rail strip. Then press the white snap upwards as shown in the figure to fix it.

6.Product dimensions

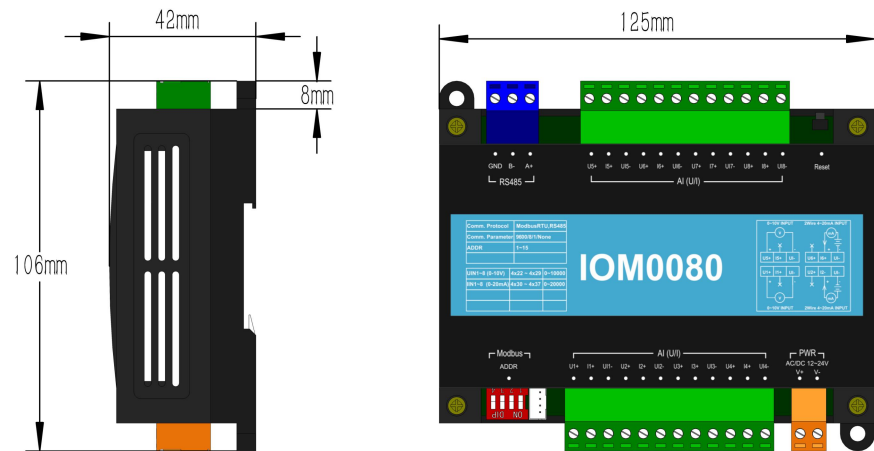


Figure 6: Product dimensions: 125mm \* 106mm \* 42mm (L × W × H). Weight: 200g

7.FAQ

Q①: What is the default communication parameter of the module?

A①: The default communication parameters of the ModbusRTU module: baud-rate 9600, data-bit 8, stop-bit 1, no parity, and device ID is 1.

Q②: How to modify the communication parameter of the module?

A②: Use third-party software Modbus Poll, follow chapter “3.0 Description of Definition for Registers” , Read the data from registers 40001 and 40002, which represent device addresses (1-15) and communication baud rate of 9600. Modify the module communication parameters according to the description in the "Instructions" column. After power failure and restart, the set parameters take effect. (Station number 40001 displays the station number set by the current dip switch. If software is required to set the station number, the dip switches 1/2/3/4 must be placed in the OFF position.)

Q③: How to modify the device ID?

A③: How to modify the device ID (device address)?

Refer to the table below for the internal dial of the hardware (binary dial code).The dip switch has 4 bits, each representing a numerical value. When pushed to the OFF position, it is set to 0. When turned ON, it represents 1, 2, 4, and 8 in sequence. When turned ON, it represents the sum of numerical values, which equals the address code of the device. If the device ID is set to "11", dialing codes 1, 2, and 4 will push it to the ON position, and dialing code 3 will push it to the OFF position, which is equivalent to 1+2+8=11. Note: The maximum address code is 15.

Device ID	1	2	3	4	5	6	7	8
Dial	1	2	1+2	3	1+3	2+3	1+2+3	4
Device ID	9	10	11	12	13	14	15	
Dial	1+4	2+4	1+2+4	3+4	1+3+4	2+3+4	1+2+3+4	

Q④: How to forcibly reset the baud rate of this I/O module to its default value?

A④: Activate the module's hardware reset button (typically labeled Reset). This action immediately restores the baud rate to 9600, ensuring rapid reset of the communication link to its initial state.

The free software: BACnetScan scanning software, OPC2WEB software, X2OPC\_Free software,MBus scanning tools, Lumiscan green rice smart home scanning tools.

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