Modbus RTU command

Baud rate: 9600 8 NONE 1

Send in hexadecimal

Hexadecimal reception

Operation steps:

1. The software sets the baud rate

2. Set the address (device address used for communication, default address is 01).

/ \* /

Set the address to 09

01 10 00 00 00 01 02 00 09 66 56// Change address 01 to 09

Set the IP address to 01

01 10 00 00 00 01 02 00 01 66 56// Change the value to 01

Read address

00 03 00 00 00 01 85 db

Return:

00 03 02 00 01 44 44 //01 is the address

/ \* /

/ \* /

What each byte represents:

[Address No.1]

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No. 1 relay on: 01 05 00 01 01 00 9d 9a

Byte 1: indicates the address

Byte 2: Function

Byte 3 4: register address

Byte 5 6: register data

Byte 7 8: CRC check

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[Address No.1]

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No. 0 relay on: 01 05 00 00 FF 00 8C 3A

0 relay off: 01 05 00 00 00 00 CD CA

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No. 1 relay on: 01 05 00 01 FF 00 DD FA

No. 1 relay off: 01 05 00 01 00 00 9C 0A

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No. 2 relay on: 01 05 00 02 FF 00 2D FA

No. 2 relay off: 01 05 00 02 00 00 6C 0A

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No. 3 relay on: 01 05 00 03 FF 00 7C 3A

No. 3 relay off: 01 05 00 03 00 00 3D CA

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No. 4 relay on: 01 05 00 04 FF 00 CD FB

No. 4 relay off: 01 05 00 04 00 00 8C 0B

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No. 5 relay on: 01 05 00 05 FF 00 9C 3B

No. 5 relay off: 01 05 00 05 00 00 DD CB

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No. 6 relay on: 01 05 00 06 FF 00 6C 3B

No. 6 relay off: 01 05 00 06 00 00 2D CB

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No. 7 relay on: 01 05 00 07 FF 00 3D FB

No. 7 relay off: 01 05 00 07 00 00 7C 0B

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All Off: 01 0F 00 00 00 08 01 00 FE 95

Full on: 01 0F 00 00 00 08 01 FF BE D5