Modbus RTU Instruction

Baud rate: 96008 NONE 1

Hexadecimal transmission

Hexadecimal reception

Operation steps:

1. Software Setting Communication Baud Rate

2. Setting Address (Device Address for Communication, Default Address 01)

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Note: Only one device is connected, otherwise the address will be set.

Set the address to:01

00 100 00 00 01 02 00 01 6 A 00// Modified to 01

Set the address to: 02

00 100 00 00 01 02 00 02 2A 01// Modified to 02

Set the address to: 03

00 100 00 00 01 02 00 03 EB C1// Modified to 03

Read address

00 03 00 00 01 85 dB

Return:

00 03 02 00 01 44 44 //01 as address

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The meaning of each byte is:

Address [1]

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No. 1 relay on: 01 05 00 01 00 9D 9A

Byte 1: Address

Byte 2: Function?

Byte 34: Register address

Byte 56: Register data

Byte 7 8: CRC Check

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Address [1]

// ----------

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

No. 0 relay closed: 01 05 00 00 00 00 CD CA

// ----------

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

No. 1 Relay Turn Off: 01 05 00 01 00 9C 0A

// ----------

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

No. 2 Relay Turn Off: 01 05 00 02 00 06C 0A

// ----------

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

No. 3 Relay Turn Off: 01 05 00 03 00 3D CA

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

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

// ----------

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

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

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

Relay No. 6 Turn Off: 01 05 00 06 00 2D CB

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

Relay No. 7 Turn Off: 01 05 00 07 00 07 C 0B

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Read No. 0 relay status: 01 01 00 00 01 FD CA

Read No. 1 relay status: 01 01 00 01 01 AC 0A

Read 2 relay status: 01 01 00 02 00 01 5C 0A

Read 3 relay status: 01 01 00 03 00 01 0D CA

Read the status of No. 4 relay: 01 01 00 04 00 01 BC 0B

Read No. 5 relay status: 01 01 00 05 00 01 ED CB

Read No. 6 relay status: 01 01 00 06 00 01 1D CB

Read 7 relay status: 01 01 00 07 00 01 4C 0B

Read all relay status: 01 01 00 00 08 3D CC

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Flip the instruction:

Description: Close immediately after opening. 100MS is a unit [1 stands for 100MS]

Address No. 1:

No. 0 relay flashover: 01 05 02 00 07 00 CE 42//700MS = 7*100MS = 700MS

No. 1 relay flashover: 01 05 02 01 08 00 9A 72//800MS

Return: The same as sending instructions

Address 2:

No. 0 relay flashover: 02 05 02 00 05 00 CF 11//500MS

No. 1 relay flashover: 02 05 02 01 06 00 9E 21//600MS

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Total extinction: 01 0F 00 00 00 08 01 00 FE 95

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

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Single flip instruction:

No. 0 relay flip: 01 05 00 55 00 F2 9A

No. 1 relay flip: 01 05 00 01 55 00 A3 5A

No. 2 relay overturn: 01 05 00 02 55 00 53 5A

No. 3 relay overturn: 01 05 00 03 55 00 02 9A

No. 4 relay flip: 01 05 00 04 55 00 B 3 5B

No. 5 relay overturn: 01 05 00 05 55 00 E2 9B

No. 6 relay overturn: 01 05 00 06 55 00 129B

No. 7 relay flip: 01 05 00 07 55 00 43 5B

All flip instructions:

01 05 00 5A 00 F7 6A

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Read all interface input states

Send: 01 02 00 00 00 08 79 CC // Read 8 input states

Return: 01 02 01 00 A1 88