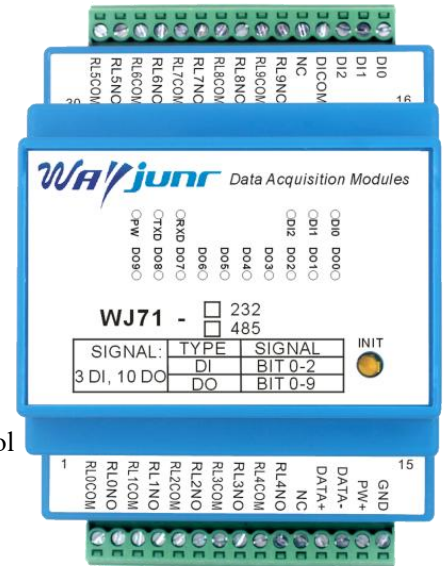


Three DI and ten DO relay outputs, RS-485/232 remote I/O module WJ71

Product features:

- Three way switch input, ten way relay output
- The input level status can be read through the RS-485/232 interface
- The output relay status can be set through the RS-485/232 interface
- Three isolation between signal input, output, and power supply
- Three inputs have a common terminal, and ten outputs are isolated from each other
- Wide power supply range: 8~32VDC
- High reliability, easy programming, and easy application
- Standard DIN35 rail installation, convenient for centralized wiring
- Users can program module addresses, baud rates, etc
- Supports Modbus RTU communication protocol and automatic recognition protocol
- Low cost, small size, modular design
- Dimensions: 120 x 70 x 43mm



WJ71

Typical applications:

- Level signal measurement, monitoring, and control
- RS-485 remote I/O, data acquisition
- Intelligent building control, security engineering and other application systems
- RS-232/485 bus industrial automation control system
- Industrial site signal isolation and long-distance transmission
- Equipment operation monitoring and control
- Measurement of sensor signals
- Acquisition and recording of industrial field data

Product Overview:

The WJ71 product realizes signal acquisition and control between sensors and hosts, used to detect switch signals or control device operation. The WJ71 series products can be applied in industrial automation control systems with RS-232/485 bus, measurement and control of switch signals, measurement and output of high and low level signals, as well as industrial field signal isolation and long-distance transmission, etc.

The product includes power conditioning, switch quantity acquisition, relay output, and RS-485 serial communication. Each serial port can connect up to 255 WJ71 series modules, and the communication method adopts ASCII code communication protocol or MODBUS RTU communication protocol. The baud rate can be set by code and can be hung on the same RS-485 bus as control modules from other manufacturers, making it easy for computer programming.

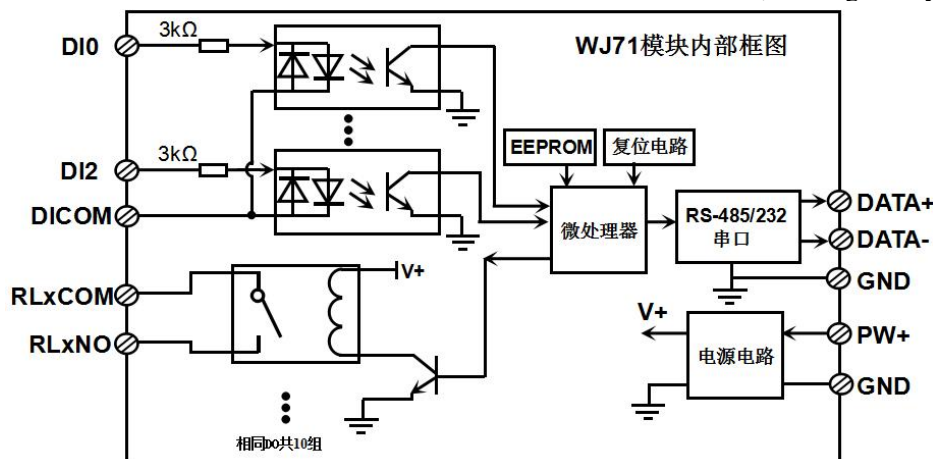


Figure 2 Internal Block Diagram of WJ71 Module

The WJ71 series products are intelligent monitoring and control systems based on microcontrollers. All user set configuration information such as address, baud rate, data format, checksum status, etc. are stored in non-volatile memory EEPROM.

The WJ71 series products are designed and manufactured according to industrial standards, with no isolation between signal inputs/outputs, strong anti-interference ability, and high reliability. The working temperature range is -45 °C to +85 °C.

Function Introduction:

The WJ71 remote I/O module can be used to measure four switch signals and has four relay signal outputs.

1、 Switching signal input and output

Three channel switch signal input, capable of connecting dry contacts and wet contacts. Please refer to the wiring diagram for details; Ten relay normally open contact output.

2、 Communication Protocol

Communication interface: 1 standard RS-485 communication interface or 1 standard RS-232 communication interface, please specify when ordering and selecting.

Communication Protocol: Supports two protocols, the character protocol defined by the command set and the MODBUS RTU communication protocol. The module automatically recognizes communication protocols and can achieve network communication with various brands of PLCs, RTUs, or computer monitoring systems.

Data format: 10 digits. 1 start bit, 8 data bits, and 1 stop bit.

The communication address (0-255) and baud rate (2400, 4800, 9600, 19200, 38400, 57600, 115200bps) can be set;

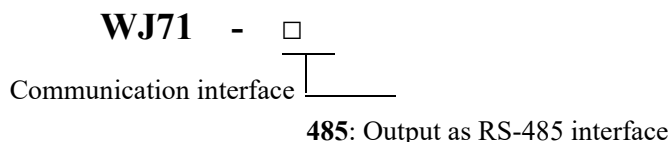
The communication network can reach a maximum distance of 1200 meters and is connected through twisted pair shielded cables.

High anti-interference design of communication interface, ± 15KV ESD protection, communication response time less than 100mS.

3、 anti-interference

Checksums can be set as needed. There is a transient suppression diode inside the module, which can effectively suppress various surge pulses and protect the module.

Product selection:



232: Output as RS-232 interface

Selection Example 1: Model: **WJ71-232** indicates that the communication interface is RS-232

Selection Example 2: Model: **WJ71-485** indicates that the communication interface is RS-485

WJ71 General Parameters:

(Typical @+25 °C, Vs is 24VDC)

Input type: switch input, 3-channel (DI0~DI2).

Low level: Input < 1V

High level: Input 4~30V

Input resistance: 3K Ω

Output type: A-type relay output, 10 channels (DO0~DO9). Normally open output.

Contact load capacity: 5A 250VAC/30VDC.

Contact form: 1H

Maximum switching voltage: 250VAC/30VDC

Maximum switching current: 5A

Maximum switching power: 1250VA/150W

Communication: RS-485 or RS-232 standard character protocol and MODBUS RTU communication protocol

Baud rates (2400, 4800, 9600, 19200, 38400, 57600, 115200bps) can be selected by software

The address (0-255) can be selected by software

Communication response time: 100 ms maximum

Working power supply: +8~32VDC wide power supply range, with internal anti reverse and overvoltage protection circuits

Power consumption: less than 3W

Working temperature: -45~+80 $^{\circ}\text{C}$

Working humidity: 10~90% (no condensation)

Storage temperature: -45~+80 $^{\circ}\text{C}$

Storage humidity: 10~95% (no condensation)

Isolation and voltage resistance: 3 isolates between input and output power supplies, with an isolation voltage of 1500VAC

Dimensions: 120mm x 70mm x 43mm

Pin definition:

| Pin | name | Description | Pin | name | Description |
|-------|--------|---------------------------------------|--------------|--------|----------------------------------------|
| one | RL0COM | Relay 0 common output terminal | sixteen | DI0 | Channel 0 switch signal input terminal |
| two | RL0NO | Relay 0 normally open output terminal | seventeen | DI1 | Channel 1 switch signal input terminal |
| three | RL1COM | Relay 1 common output terminal | eighteen | DI2 | Channel 2 switch signal input terminal |
| four | RL1NO | Relay 1 normally open output terminal | nineteen | DICOM | Switching signal common terminal |
| five | RL2COM | Relay 2 common output terminal | twenty | NC | Empty feet |
| six | RL2NO | Relay 2 normally open output terminal | twenty-one | RL9NO | Relay 9 normally open output terminal |
| seven | RL3COM | Relay 3 common output terminal | twenty-two | RL9COM | Relay 9 common output terminal |
| eight | RL3NO | Relay 3 normally open output terminal | twenty-three | RL8NO | Relay 8 normally open output terminal |
| nine | RL4COM | Relay 4 common output terminal | twenty-four | RL8COM | Relay 8 common output terminal |
| ten | RL4NO | Relay 4 normally open output terminal | twenty-five | RL7NO | Relay 7 normally open output terminal |

| | | | | | |
|-----------------|-------|---------------------------------------------------------|---------------------|--------|---------------------------------------|
| eleven | NC | Empty feet | twenty-six | RL7COM | Relay 7 common output terminal |
| twelve | DATA+ | RS-485 signal positive terminal | twenty-seven | RL6NO | Relay 6 normally open output terminal |
| thirteen | DATA- | RS-485 signal negative terminal | twenty-eight | RL6COM | Relay 6 common output terminal |
| fourteen | PW+ | Positive end of power supply | twenty-nine | RL5NO | Relay 5 normally open output terminal |
| fifteen | GND | Negative end of power supply, communication ground wire | thirty | RL5COM | Relay 5 common output terminal |

Table 1 Pin Definition

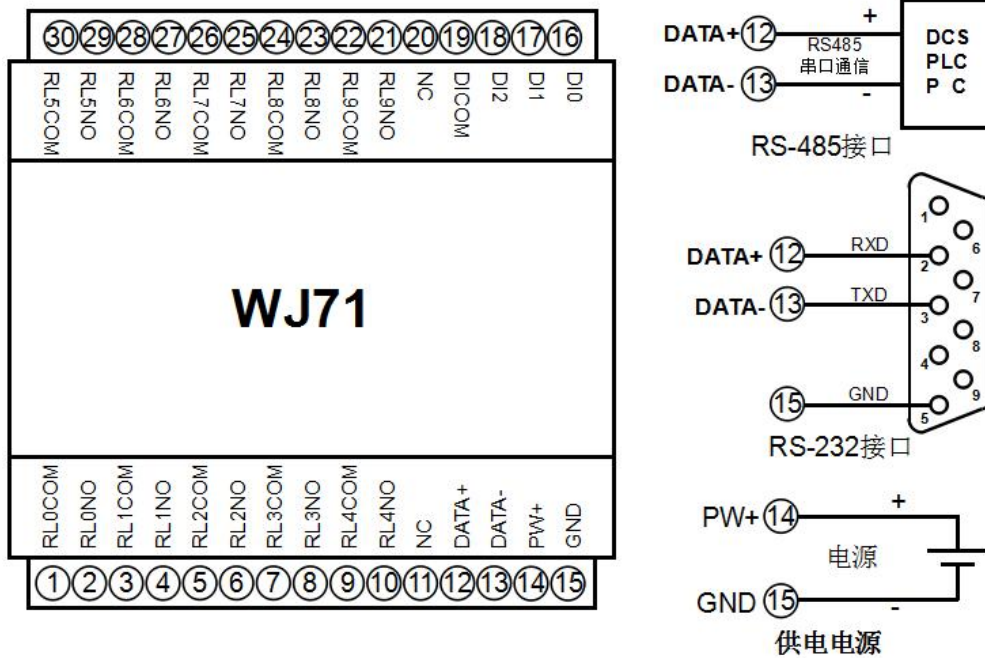
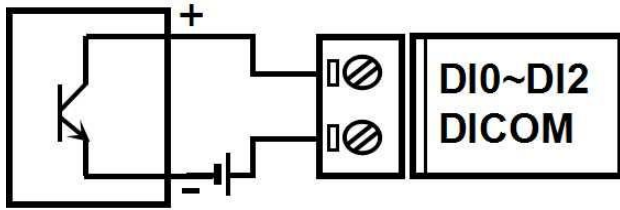


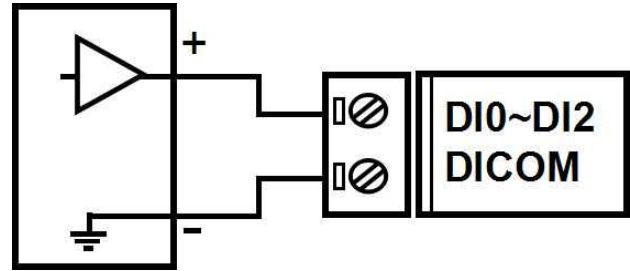
Figure 3 Wiring diagram of WJ71 module

Wiring diagram for switch signal input

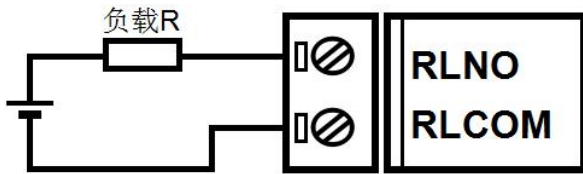
| | |
|-----------------------------------------------------------|----------------------------------------|
| Dry contact input | Wet contact input |
| <p>External power supply can be selected from 5~30VDC</p> | |
| Open collector input | TTL/CMOS level, 24V level input |



External power supply can be selected from 5~30VDC



Wiring diagram for switch signal output



WJ71 Character Protocol Command Set:

The factory initial settings of the module are shown below. If the parameters are forgotten, after holding down the Initiat switch for 2 seconds while powered on, the power light will turn off and the module can be restored to its factory settings by releasing it.

Address 01

Baud rate 9600 bps

Prohibition of checksum verification

1. Read switch status command

Description: Read back all output channel switch status, switch reset status, and input channel switch status from the module.

Command format: # AA

Parameter description: # delimiter. Hexadecimal is 23H

AA module address, with a value range of 00 to FF (hexadecimal). The factory address is 01, which is converted to hexadecimal as the ASCII code for each character. If address 01 is replaced with hexadecimal, it will be 30H and 31H.

Response format:>AAAAAAAA, BBBBBBBB, CCC (cr) command is valid.

? The 01 (cr) command is invalid or an illegal operation.

Parameter description:>delimiter. Hexadecimal is 3EH

AAAAAAAA represents the read output switch status, consisting of 10 numbers arranged in the order of DO9~DO0,
Value 0: Output relay disconnected; Value 1: Output relay connected

BBBBBBBB represents the output switch state after the reset is read, consisting of 10 numbers arranged in the order of DO9~DO0,

Value 0: Output relay disconnected; Value 1: Output relay connected

CCC represents the input switch status read, consisting of 3 numbers arranged in the order of DI2~DI0,

Value 0: Input low level; Value 1: Input high level

(cr) End symbol, upper computer enter key, hexadecimal is 0DH.

Application example: User command (character format) # 01

Module response (character format)>00000 1000000001010111 (cr)

Explanation: The module output switch status is 00011000, arranged in the order of DO9~DO0

Channel 0: Relay Disconnected Channel 1: Relay Disconnected Channel 2: Relay Disconnected Channel 3: Relay Connected

Channel 4: Relay on Channel 5: Relay off Channel 6: Relay off Channel 7: Relay off

Channel 8: Relay disconnection Channel 9: Relay disconnection

After resetting the module, the output switch status is 00001010, arranged in the order of DO9~DO0

Channel 0: Relay disconnected Channel 1: Relay connected Channel 2: Relay disconnected Channel 3: Relay connected

Channel 4: Relay Disconnect Channel 5: Relay Disconnect Channel 6: Relay Disconnect Channel 7: Relay Disconnect

Channel 8: Relay disconnection Channel 9: Relay disconnection

The input switch status of the module is 111, and the arrangement order is DI2~DI0

Channel 0: High Level Channel 1: High Level Channel 2: High Level

2. Set relay output command

Description: Set the status of all output channel relays.

Command format: # AABB (data)

Parameter description: # delimiter. Hexadecimal is 24H

AA module address, with a value range of 00 to FF (hexadecimal). The factory address is 01, which is converted to hexadecimal as the ASCII code for each character. If address 01 is replaced with hexadecimal, it will be 30H and 31H.

BB channel selection, can choose all output channels or a single output channel. Setting BB to 00 means setting all output channels. If setting a single channel, the first character B must be set to 1, and the second character B can be set to 0-A, representing 4 relay DO output channels. If BB is set to FF, it means setting the power on output values for all channels.

(Data) Output value.

- 1, If it is set for all channels (BB=00), (BB=FF, power on output)

Then there are four hexadecimal numbers,

The first number must be 0

The second number represents channels 9 to 8

The third number represents channels 7 to 4

The fourth number represents channels 3 to 0

Bit value 0: Set output relay to disconnect

Bit value 1: Set the output relay to turn on

| | | | | | | | | | | | | | | | |
|------------|--------|--------|--------|--------|-------|-------|-------|------|-------|-------|-------|-------|------|-------|-------|
| 0 | 0 | 0 | 0 | 0 | 0 | DO9 | DO8 | DO7 | DO6 | DO5 | DO4 | DO3 | DO2 | DO1 | DO0 |
| Bit15 | Bit 14 | Bit 13 | Bit 12 | Bit 11 | Bit10 | Bit 9 | Bit 8 | Bit7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit2 | Bit 1 | Bit 0 |
| dataOutput | | | | | | | | | | | | | | | |

- 2, If it is set for a single channel (BB=1X, where X represents the channel to be set), it can only be set to 0000 or 0001,

0000: Set the X-channel output relay to disconnect

0001: Set the X-channel output relay to turn on

Response format:>(cr) command is valid.

? The **AA (cr)** command is invalid or an illegal operation.

Parameter description:>delimiter. Hexadecimal is 3EH.

? The delimiter indicates that the command is invalid.

AA represents the input module address

(cr) End symbol, upper computer enter key, hexadecimal is 0DH.

Other instructions: If the format is incorrect, the communication is incorrect, or the address does not exist, the module will not respond.

If the serial communication software you are using cannot input the enter key character, please switch to hexadecimal format for communication.

Application Example 1: User Command (Character Format) # **01000002**

Module response (character format)>**(cr)**

Explanation: Module address 01H, set the output of all channels (BB=00) to 0x0002H, and convert it to binary to 0000 0010. Therefore, the switch status of the output on module address 01H is:

Channel 0: Relay Disconnected Channel 1: Relay Connected Channel 2: Relay Disconnected Channel 3:

Relay Disconnected

Channel 4: Relay Disconnect Channel 5: Relay Disconnect Channel 6: Relay Disconnect Channel 7: Relay Disconnect

Channel 8: Relay disconnection Channel 9: Relay disconnection

Application Example 2: User Command (Character Format) # **01120001**

Module response (character format)>**(cr)**

Explanation: Module address 01H, set the relay for channel 2 to be connected.

3. Configure WJ71 module command

Explanation: Set the address, baud rate, and checksum status for a WJ71 module. The configuration information is stored in non-volatile memory EEPROM.

Command format: % **AANNTTCCFF (cr)**

Parameter description: % delimiter.

AA module address, with a value range of 00 to FF (hexadecimal). The factory address is 01, which is converted to hexadecimal as the ASCII code for each character. If address 01 is replaced with hexadecimal, it will be 30H and 31H.

NN represents the new module hexadecimal address, with values ranging from 00 to FF. Convert to hexadecimal to ASCII code for each character. If address 18 is replaced with hexadecimal as 31H and 38H.

TT uses hexadecimal to represent type encoding.

The WJ71 product must be set to 00.

CC uses hexadecimal to represent baud rate encoding.

| Baud rate code | Baud rate |
|----------------|------------|
| 04 | 2400 baud |
| 05 | 4800 baud |
| 06 | 9600 baud |
| 07 | 19200 baud |
| 08 | 38400 baud |
| 09 | 57600 baud |

Table 2 Baud rate codes

FF uses 8-bit hexadecimal to represent data format and checksum. Note that from bits0 to bits5, it is not necessary to set it to zero.

| | | | | | | | |
|------|-------|-------|-------|-------|------|-------|-------|
| Bit7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit2 | Bit 1 | Bit 0 |
|------|-------|-------|-------|-------|------|-------|-------|

Table 3 Data format, checksum code

Bit7: Reserved bit, must be set to zero

Bit6: checksum status, 0: prohibited; For 1: Allow

Bit5-bit0: No need, it must be set to zero.

(cr) End symbol, upper computer enter key, hexadecimal is 0DH.

Response format:!
The **AA (cr)** command is valid.

? The **AA (cr)** command is invalid or an illegal operation, or the Initiat switch is not turned to the Initiat position before changing the baud rate or checksum.

Parameter description:!
The delimiter indicates that the command is valid.

? The delimiter indicates that the command is invalid.

AA represents the input module address

(cr) End symbol, upper computer enter key, hexadecimal is 0DH.

Other instructions: If you are configuring the module for the first time, AA=01H, NN equals the new address. If the module is reconfigured to change the address, input range, and data format, AA equals the currently configured address, and NN equals the current or new address. If you want to reconfigure the module to change the baud rate or checksum status, you must turn the Initiat switch to the Initiat position to enter the default state of the module. At this time, the module address is 00H, that is, AA=00H, NN is equal to the current or new address.

If the format is incorrect, the communication is incorrect, or the address does not exist, the module will not respond.

Application example: User command% **0111000600 (cr)**

Module response! **11(cr)**

Explanation:% delimiter.

01 means that the original address of the WJ71 module you want to configure is 01H.

11 indicates that the new module's hexadecimal address is 11H.

00 type code, WJ71 product must be set to 00.

06 represents a baud rate of 9600 baud.

00 indicates that checksum is prohibited.

4. Read configuration status command

Explanation: Read configuration for a specified WJ71 module.

Command format: **\$AA2**

Parameter description: \$delimiter.

AA module address, with a value range of 00 to FF (hexadecimal).

2 represents the command to read the configuration status

Response format:!
The **AATTCCFF (cr)** command is valid.

? The **AA (cr)** command is invalid or an illegal operation.

Parameter description:!
Boundary symbol.

AA represents the input module address.

TT stands for type code.

CC stands for baud rate encoding. See Table 2

FF is shown in Table 3

(cr) End symbol, upper computer enter key, hexadecimal is 0DH.

Other instructions: If the format is incorrect, the communication is incorrect, or the address does not exist, the module will not respond.

Application example: User command **\$302**

Module response! **30000600(cr)**

Explanation:! Boundary symbol.

30 indicates that the WJ71 module address is 30H.

00 represents the input type code.

06 represents a baud rate of 9600 baud.

00 indicates that checksum is prohibited.

Modbus RTU communication protocol:

The factory initial settings of the module are shown below. If the parameters are forgotten, after holding down the Initiat switch for 2 seconds while powered on, the power light will turn off and the module can be restored to its factory settings by releasing it.

Modbus address 01,

Baud rate 9600 bps

The command format follows the standard Modbus RTU communication protocol. Support function codes 01, 03, 05, 06, 15, and 16.

Register Description:

Supports registers with function codes 01, 05, and 15

| Address (PLC) | 0X | Address (PC, DCS) | Data content | attribute | Data Explanation |
|---------------|----|-------------------|-------------------------|------------|-------------------------------------|
| 00001 | | 0 | Relay 0 | Read/Write | Output status of relay channel 0 |
| 00002 | | one | Relay 1 | Read/Write | Output status of relay channel 1 |
| 00003 | | two | Relay 2 | Read/Write | Output status of relay channel 2 |
| 00004 | | three | Relay 3 | Read/Write | Output status of relay channel 3 |
| 00005 | | four | Relay 4 | Read/Write | Output status of relay channel 4 |
| 00006 | | five | Relay 5 | Read/Write | Output status of relay channel 5 |
| 00007 | | six | Relay 6 | Read/Write | Output status of relay channel 6 |
| 00008 | | seven | Relay 7 | Read/Write | Output status of relay channel 7 |
| 00009 | | eight | Relay 8 | Read/Write | Output status of relay channel 8 |
| 00010 | | nine | Relay 9 | Read/Write | Output status of relay channel 9 |
| 00011 | | ten | Relay 0 power on output | Read/Write | Power on output status of channel 0 |
| 00012 | | eleven | Relay 1 power on output | Read/Write | Power on output status of channel 1 |
| 00013 | | twelve | Relay 2 power on output | Read/Write | Power on output status of channel 2 |
| 00014 | | thirteen | Relay 3 power on output | Read/Write | Power on output status of channel 3 |
| 00015 | | fourteen | Relay 4 power on output | Read/Write | Power on output status of channel 4 |
| 00016 | | fifteen | Relay 5 power on output | Read/Write | Power on output status of channel 5 |
| 00017 | | sixteen | Relay 6 power on output | Read/Write | Power on output status of channel 6 |

| | | | | |
|-------|--------------|-----------------------------|------------|-------------------------------------|
| 00018 | seventeen | Relay 7 power on output | Read/Write | Power on output status of channel 7 |
| 00019 | eighteen | Relay 8 power on output | Read/Write | Power on output status of channel 8 |
| 00020 | nineteen | Relay 9 power on output | Read/Write | Power on output status of channel 9 |
| 00033 | thirty-two | Input the switch value of 0 | read-only | The level status of input channel 0 |
| 00034 | thirty-three | Input the switch value of 1 | read-only | Level status of input channel 1 |
| 00035 | thirty-four | Input the switch value of 2 | read-only | Level status of input channel 2 |

Supports registers with function codes 03, 06, and 16

| Address 4X (PLC) | Address (PC, DCS) | Data content | attribute | Data Explanation |
|------------------------------------|---------------------|-----------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| forty thousand and one | 0 | Output relay | Read/Write | 0x0000~0x03FF, Status of relay channels 9-0 |
| forty thousand and eleven | ten | Output relay | Read/Write | 0x0000~0x03FF, power on output values for channels 9~0 |
| forty thousand and thirty-three | thirty-two | Input switch quantity | read-only | 0x0000~0x0007, channels 3~0 |
| forty thousand two hundred and one | two hundred | Module address | Read/Write | Integer, effective after restart, range 0x0000-0x00FF |
| forty thousand two hundred and two | two hundred and one | Baud rate | Read/Write | Integer, effective after restart, range 0x0004-0x000A 0x0004 = 2400 bps, 0x0005 = 4800 bps 0x0006 = 9600 bps, 0x0007 = 19200 bps 0x0008 = 38400 bps, 0x0009 = 57600 bps 0x000A = 115200bps |
| forty thousand two hundred and | two hundred and ten | Module Name | read-only | High bit: 0x00 Low bit: 0x71 |

| | | | |
|--------|--|--|--|
| eleven | | | |
|--------|--|--|--|

Table 5 Modbus Rtu Register Description

Example of Modbus RTU communication protocol application:

1. Supports Modbus RTU communication protocol **function code 01** (reading coil status), with command format following the standard Modbus RTU communication protocol.

Communication example: If the module address is 01, send **010100000083DCC** in hexadecimal to obtain the data in the register.

| | | | | | | | |
|----------------|------------------|-------------------------------|------------------------------|----------------------|---------------------|-------------------|--------------------|
| 01 | 01 | 00 | 00 | 00 | 08 | 3D | CC |
| Module address | Read coil status | High position of coil address | Low position of coil address | High number of coils | Low number of coils | CRC check low bit | CRC check high bit |

If the module replies: **0101031189**, the read data is 0x03, which is converted to binary as 0000 0011.

This indicates that the output relay channels 1 and 0 are now connected.

| | | | | | |
|----------------|------------------|---------------------------------|------|-------------------|--------------------|
| 01 | 01 | 01 | 03 | eleven | eighty-nine |
| Module address | Read coil status | The number of bytes in the data | data | CRC check low bit | CRC check high bit |

2. Supports Modbus RTU communication protocol **function code 05** (setting a single coil), and the command format follows the standard Modbus RTU communication protocol.

Communication example: If the module address is 01, send in hexadecimal: **01050000FF008C3A**, and the data is 0xFF00, indicating that the relay is turned on. If the data is 0x0000, it means the relay is disconnected (command: **010500000000CDCA**)

| | | | | | | | |
|----------------|----------------------|-------------------------------|------------------------------|-----------|----------|-------------------|--------------------|
| 01 | 05 | 00 | 00 | FF | 00 | 8C | 3A |
| Module address | Set up a single coil | High position of coil address | Low position of coil address | data-high | data-low | CRC check low bit | CRC check high bit |

If the module replies: **01050000FF008C3A**, the setting is successful

| | | | | | | | |
|----------------|----------------------|-------------------------------|------------------------------|-----------|----------|-------------------|--------------------|
| 01 | 05 | 00 | 00 | FF | 00 | 8C | 3A |
| Module address | Set up a single coil | High position of coil address | Low position of coil address | data-high | data-low | CRC check low bit | CRC check high bit |

3. Supports Modbus RTU communication protocol **function code 03** (read hold register), with command format following the standard Modbus RTU communication protocol.

Communication example: If the module address is 01, send in hexadecimal: **01030000001840A** to retrieve the data from the register.

| | | | | | | | |
|----------------|------------------------|---------------------------|--------------------------|------------------------|-----------------------|-------------------|--------------------|
| 01 | 03 | 00 | 00 | 00 | 01 | eighty-four | 0A |
| Module address | Read and hold register | Register Address High Bit | Low bit register address | Register quantity high | Low register quantity | CRC check low bit | CRC check high bit |

If the module replies: **0103020003F845**, the read data is 0x0003, which is converted to binary as 0000 0000 0000 0011.

This indicates that output channels 1 and 0 are currently connected, while other relay channels are disconnected.

| | | | | | | |
|----------------|------------------------|---------------------------------|-----------|----------|-------------------|--------------------|
| 01 | 03 | 02 | 00 | 03 | F8 | forty-five |
| Module address | Read and hold register | The number of bytes in the data | data-high | data-low | CRC check low bit | CRC check high bit |

4. Supports Modbus RTU communication protocol [function code 06](#) (write to a single register), with command format following the standard Modbus RTU communication protocol.

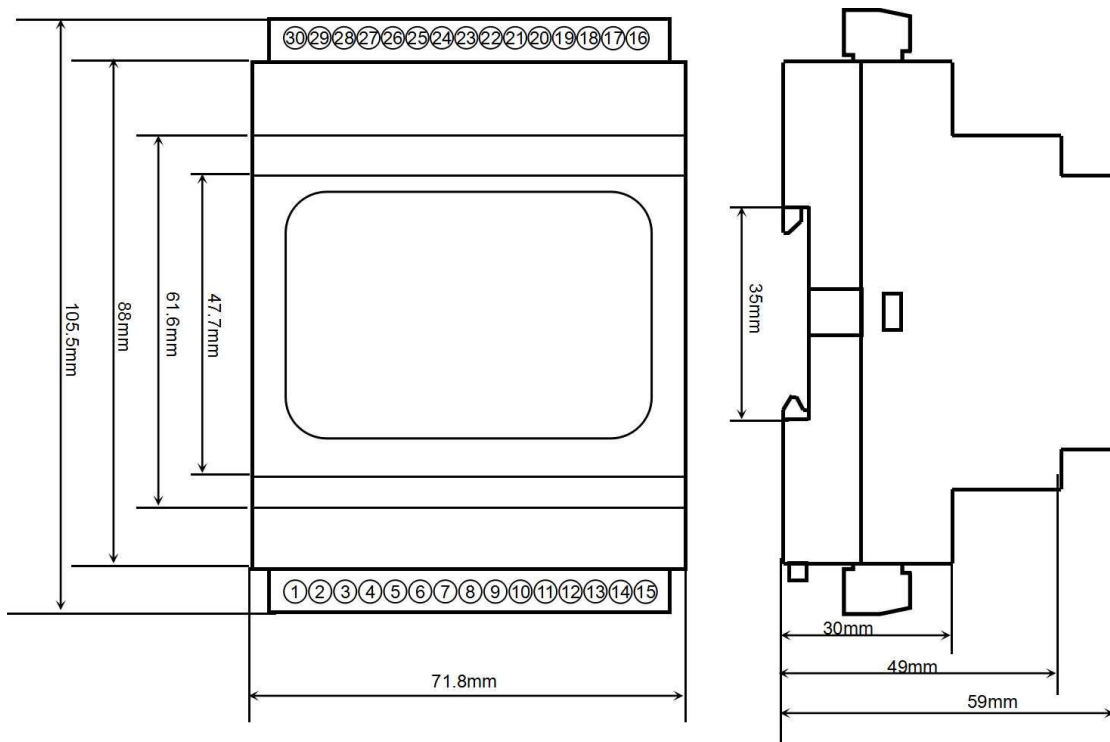
Communication example: If the module address is 01, send in hexadecimal: **0106000000FC9CE**, and replace it with binary: 0000 0000 0000 0011, that is, output channels 3-0 are connected.

| | | | | | | | |
|----------------|-------------------------|---------------------------|--------------------------|-----------|----------|-------------------|--------------------|
| 01 | 06 | 00 | 00 | 00 | 0F | C9 | CE |
| Module address | Write a single register | Register Address High Bit | Low bit register address | data-high | data-low | CRC check low bit | CRC check high bit |

If the module replies: **0106000000FC9CE**, the setting is successful

| | | | | | | | |
|----------------|-------------------------|---------------------------|--------------------------|-----------|----------|-------------------|--------------------|
| 01 | 06 | 00 | 00 | 00 | 0F | C9 | CE |
| Module address | Write a single register | Register Address High Bit | Low bit register address | data-high | data-low | CRC check low bit | CRC check high bit |

Dimensions: (Unit: mm)



Can be installed on standard DIN35 rails

guarantee:

Within two years from the date of sale, if the user complies with the storage, transportation, and usage requirements and the product quality is lower than the technical specifications, it can be returned to the factory for free repair. If damage is caused due to violation of operating regulations and requirements, device fees and maintenance fees shall be paid.

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