# JY-MODUBS-I8 模块

# 使用手册

--V1.0

# 目录

一、产品概述.....1
1.1、产品简介.....1
1.2、特点功能.....1
1.3、应用场景.....1
二、产品规格.....2
2.1、产品参数.....2
2.2、各部分说明.....3
2.2.1、端子说明.....4
2.2.2、指示灯说明.....4
2.2.3、数字量输入信号说明.....4
三、本机 MODBUS 寄存器地址.....5
3.1、离散量输入.....5
四、产品功能.....6
4.1、开关量采集功能.....6
4.2、MODBUS RTU 通讯功能.....6
五、参数配置说明.....6
5.1、修改 COM 口波特率.....6
5.2、修改本机地址.....7
5.3、使用“艾莫迅 MODBUS 调试工具”.....8
5.3.1、连接前准备.....8
5.3.2、调试工具的连接步骤.....8
附录 A、32-255 站地址拨码状态表.....9
修订历史
关于我们

# 一、产品概述

## 1.1、产品简介

JY-MODUBS-I8 是一款集数字量采集，带 485 串口 MODUBUS RTU 通讯等功能的模块，是一款经济稳定、安装简易，适用性强的产品。

## 1.2、特点功能

- 8 路光电隔离数字量输入（对应数量状态指示灯）
- 1 路 RS485 通讯接口（端子）
- 采用标准 MODBUS RTU 通信，可与 PLC、组态、上位机等进行组网
- 带本模块波特率、站地址拨码开关，方便设置模块参数
- 专用上位机可设置模块参数永久保存
- 电源电路采用防反接设计
- 广泛用于工业现场设备的信号采集和控制

## 1.3、应用场景

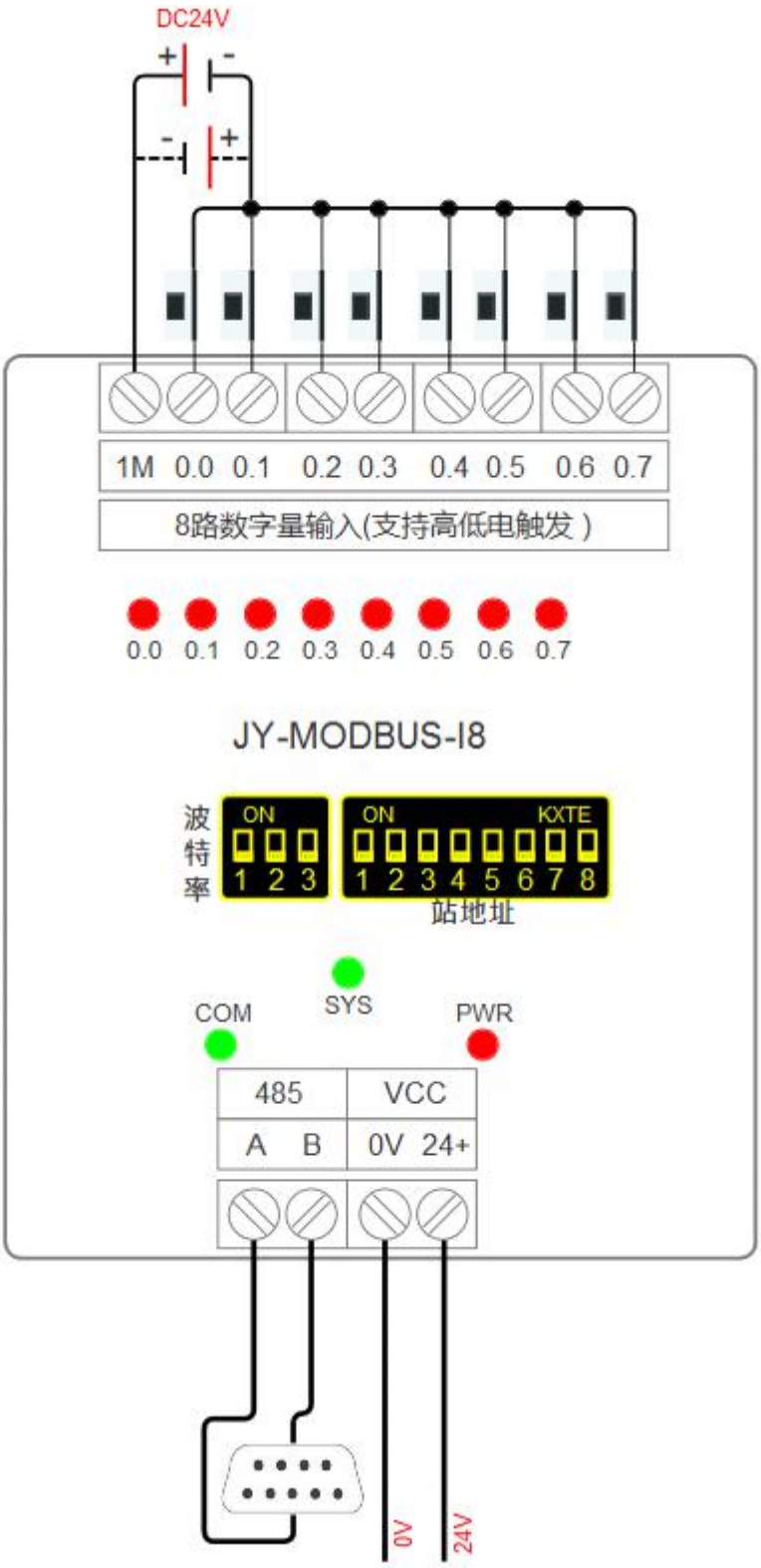
JY-MODUBS-I8 模块可应用范围很广，如：PLC 控制、工业自动化、楼宇自控、 POS 系统、电力监控、门禁医疗、考勤系统、自助银行系统、电信机房监控、信息家电、LED 信息显示设备、测量仪表及环境动力监控系统、售饭系统等含 RS485 串口的设备或系统。

# 二、产品规格

## 2.1、产品参数

| 主要参数 | |
|---|---|
| 输入接口（DI） | |
| 输入点数 | 8 路 |
| 输入信号类型 | 开关触点信号或电平信号 |
| 输入信号有效范围 | DC 20~28V |
| 绝缘回路 | 光耦隔离 |
| 串口参数（RS485 通讯参数） | |
| 接口类型 | RS485（为接线端子） |
| 波特率 | 1200~115200（默认 9600，由波特率拨码开关决定，见 5.1 章节） |
| 通信格式 | 默认 8 位数据，1 位停止，无校验（固定） |
| 传输距离 | 波特率 9600 时，485 串口通讯 1200 米，以实际为准 |
| 电源参数 | |
| 工作电压 | DC 24V;带防反接保护 |
| 功耗 | 2W~4W |
| 工作环境 | |
| 工作温度 | -20℃~+70℃ |
| 存储温度 | -40℃~+85℃ |
| 其他 | |
| 安装方式 | 导轨 |
| 尺寸 | 62MM(长)*87MM(宽)*38MM(高)，以实物为准 |

## 2.2、各部分说明


DC24V
+
-
-
+
1M 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7
8路数字量输入(支持高低电触发 )
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7
JY-MODBUS-I8
波特率
ON
1 2 3
ON
KXTE
1 2 3 4 5 6 7 8
站地址
COM
SYS
PWR
485
VCC
A B
0V 24+
0V
24V

### 2.2.1、端子说明

| 端子标号 | 功能说明 |
|---|---|
| 24+ | DC 24V 电源正极 |
| 0V | DC 24V 电源负极 |
| A | 485 A |
| B | 485 B |
| 1M | 第 1~8 路数字量输入通道公共端 |
| 0.0 | 第 1 路数字量输入 |
| 0.1 | 第 2 路数字量输入 |
| 0.2 | 第 3 路数字量输入 |
| 0.3 | 第 4 路数字量输入 |
| 0.4 | 第 5 路数字量输入 |
| 0.5 | 第 6 路数字量输入 |
| 0.6 | 第 7 路数字量输入 |
| 0.7 | 第 8 路数字量输入 |
| 波特率 | 串口波特率的拨码开关 |
| 站地址 | 本模块站号拨码开关 |

### 2.2.2、指示灯说明

| 名称 | 说明 |
|---|---|
| PWR | 电源指示灯，上电后即常亮 |
| SYS | 系统指示灯：模块正常时一秒慢闪，Reset 复位时快闪 |
| COM | COM 口通讯指示灯，COM 口通讯时闪烁 |

### 2.2.3、数字量输入信号说明

输入信号支持正电/高电或负电/低电接入。

- 当输入端子接正电/高电信号有效时，对应的输入公共端 1M 接电源负极;
- 当输入端子接负电/低电信号有效时，对应的输入公共端 1M 接电源正极。

# 三、本机 MODBUS 寄存器地址

## 3.1、离散量输入

| 离散量输入地址（功能码：0x02 ） | | | | | |
|---|---|---|---|---|---|
| 名称 | PLC 对应地址 | MODBUS 对应地址 | 读/写 | 数值范围 | 说明 |
| 数字量输入通道 1 | 10001 | 0x00 | 只读 | 0 或 1 | 对应数字量输入通道信号状态，<br>0 表示数字输入通道无有效信号入，指示灯灭；<br>1 表示数字输入通道有有效信号输入，指示灯亮。 |
| 数字量输入通道 2 | 10002 | 0x01 | | | |
| 数字量输入通道 3 | 10003 | 0x02 | | | |
| 数字量输入通道 4 | 10004 | 0x03 | | | |
| 数字量输入通道 5 | 10005 | 0x04 | | | |
| 数字量输入通道 6 | 10006 | 0x05 | | | |
| 数字量输入通道 7 | 10007 | 0x06 | | | |
| 数字量输入通道 8 | 10008 | 0x07 | | | |

读离散量输入 ModBus RTU 报文示例（0x02 功能码）：

发送 MODBUS RTU 报文读取本机的 1~8 输入通道状态，示例中输入通道 1、3、6、8 有效。

请求报文（16 进制）：01 02 00 00 00 08 79 CC

| 请求报文 | 01 | 02 | 00 00 | 00 08 | 79 CC |
|---|---|---|---|---|---|
| 字节数 | 1 | 1 | 2 | 2 | 2 |
| 含义 | 站号 | 功能码 | 离散量起始地址 | 地址数量 | CRC 校验码 |

应答报文（16 进制）：01 02 01 A5 61 F3

| 应答报文 | 01 | 02 | 01 | A5 | 61 F3 |
|---|---|---|---|---|---|
| 字节数 | 1 | 1 | 1 | 1 | 2 |
| 含义 | 站号 | 功能码 | 数据字节长度 | 8 路数字量输入状态 | CRC 校验码 |

应答报文中的 8 路数字量输入状态值 A5，对应 8 位二进制数：1010 0101，1 表示输入信号有效，指示灯亮；0 表示无有效输入信号，指示灯灭；从高 bit 位到低 bit 位依次对应数字输入 8-1 通道，则此时 1、3、6、8 输入状态有效，指示灯亮，其余无有效输入，指示灯灭。

# 四、产品功能

## 4.1、开关量采集功能

本模块开关量采集的功能，可以支持采集按钮开关、接近开关等开关量信号状态。

## 4.2、MODBUS RTU 通讯功能

本模块 485 串口为 A、B 端子。只要支持标准的 MODBUS RTU 的主站设备（PLC、组态、触摸屏、上位机等），通过连接模块 485 串口即可采集模块的开关量数据。

# 五、参数配置说明

本章节针对 JY-MODUBS-I8 的参数配置进行介绍，波特率、站地址需要结合 DIP 拨码开关，监控调试可选择艾莫迅 MODBUS 调试工具。

## 5.1、修改 COM 口波特率

### ➢ COM 口的通讯参数说明

| COM 口（485）通讯参数类型 | | | |
|---|---|---|---|
| 波特率 | 数据位 | 停止位 | 校验位 |
| 1200~115200<br>仅支持拨码开关设置 | 8 位（固定） | 1（固定） | None（固定） |

### ➢ 485 口的波特率设置

RS485 接口的波特率由模块上的“波特率”拨码开关状态决定，注意当模块上电时调整拨码状态时，需将模块断电至少 3S，再上电方可生效。具体关系可见下表（出厂时所有拨码为 OFF）。

**波特率拨码对应串口波特率对应表**




| 1号开关状态 | 2号开关状态 | 3号开关状态 | 波特率 |
|---|---|---|---|
| OFF | OFF | OFF | 9600 |
| ON | OFF | OFF | 19200 |
| OFF | ON | OFF | 38400 |
| ON | ON | OFF | 57600 |
| OFF | OFF | ON | 115200 |
| ON | OFF | ON | 1200 |
| OFF | ON | ON | 2400 |
| ON | ON | ON | 4800 |

**特别注意：**

**☞当站地址拨码全 OFF 时，无论波特率拨码多少，波特率固定 9600**

## 5.2、修改本机地址

### ➢ 设置 1~32 站号

修改站号的范围在 1~32，必须通过调整模块上“站地址”拨码开关的状态设置，注意当模块上电时调整拨码状态时，需将模块断电至少 3S，再上电方可生效。具体对应关系如下表中所示（出厂时所有拨码为 OFF）。




**站地址拨码对应JY-MODBUS模块站号表（1-31）**

| 1号开关状态 | 2号开关状态 | 3号开关状态 | 4号开关状态 | 5号开关状态 | 6号开关状态 | 7号开关状态 | 8号开关状态 | 站号 |
|---|---|---|---|---|---|---|---|---|
| OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF | 1 |
| ON | OFF | OFF | OFF | OFF | OFF | OFF | OFF | 1 |
| OFF | ON | OFF | OFF | OFF | OFF | OFF | OFF | 2 |
| ON | ON | OFF | OFF | OFF | OFF | OFF | OFF | 3 |
| OFF | OFF | ON | OFF | OFF | OFF | OFF | OFF | 4 |
| ON | OFF | ON | OFF | OFF | OFF | OFF | OFF | 5 |
| OFF | ON | ON | OFF | OFF | OFF | OFF | OFF | 6 |
| ON | ON | ON | OFF | OFF | OFF | OFF | OFF | 7 |
| OFF | OFF | OFF | ON | OFF | OFF | OFF | OFF | 8 |
| ON | OFF | OFF | ON | OFF | OFF | OFF | OFF | 9 |
| OFF | ON | OFF | ON | OFF | OFF | OFF | OFF | 10 |
| ON | ON | OFF | ON | OFF | OFF | OFF | OFF | 11 |
| OFF | OFF | ON | ON | OFF | OFF | OFF | OFF | 12 |
| ON | OFF | ON | ON | OFF | OFF | OFF | OFF | 13 |
| OFF | ON | ON | ON | OFF | OFF | OFF | OFF | 14 |
| ON | ON | ON | ON | OFF | OFF | OFF | OFF | 15 |
| OFF | OFF | OFF | OFF | ON | OFF | OFF | OFF | 16 |
| ON | OFF | OFF | OFF | ON | OFF | OFF | OFF | 17 |
| OFF | ON | OFF | OFF | ON | OFF | OFF | OFF | 18 |
| ON | ON | OFF | OFF | ON | OFF | OFF | OFF | 19 |
| OFF | OFF | ON | OFF | ON | OFF | OFF | OFF | 20 |
| ON | OFF | ON | OFF | ON | OFF | OFF | OFF | 21 |
| OFF | ON | ON | OFF | ON | OFF | OFF | OFF | 22 |
| ON | ON | ON | OFF | ON | OFF | OFF | OFF | 23 |
| OFF | OFF | OFF | ON | ON | OFF | OFF | OFF | 24 |
| ON | OFF | OFF | ON | ON | OFF | OFF | OFF | 25 |
| OFF | ON | OFF | ON | ON | OFF | OFF | OFF | 26 |
| ON | ON | OFF | ON | ON | OFF | OFF | OFF | 27 |
| OFF | OFF | ON | ON | ON | OFF | OFF | OFF | 28 |
| ON | OFF | ON | ON | ON | OFF | OFF | OFF | 29 |
| OFF | ON | ON | ON | ON | OFF | OFF | OFF | 30 |
| ON | ON | ON | ON | ON | OFF | OFF | OFF | 31 |

**特别注意：**

**☞当站地址拨码全 OFF 时，无论波特率拨码多少，波特率固定 9600**

### ➢ 设置 33~255 站号

修改该范围站号的方式一样通过站地址拨码决定，由于拨码状态表太长，请到附录 A 中查询对应站号与拨码的关系。

## 5.3、使用“艾莫迅 MODBUS 调试工具”

### 5.3.1、连接前准备

- 使用 USB 转 485 串口线连接模块 485 口和电脑 USB 口
- 将 DC 24V 外部电源接入模块并通电，通电前请检查电源正负极是否连接正确
- 到艾莫迅官网下载“艾莫迅 MODBUS 调试工具”

### 5.3.2、调试工具的连接步骤

艾莫迅 MODBUS 调试工具的使用（配置或调试功能）与其他上位机一样，需要建立上位机与模块的通讯，请按照以下步骤进行配置工具的连接：

A. 打开配置工具，在“接口型号”栏选择“MODBUS RTU-JY”

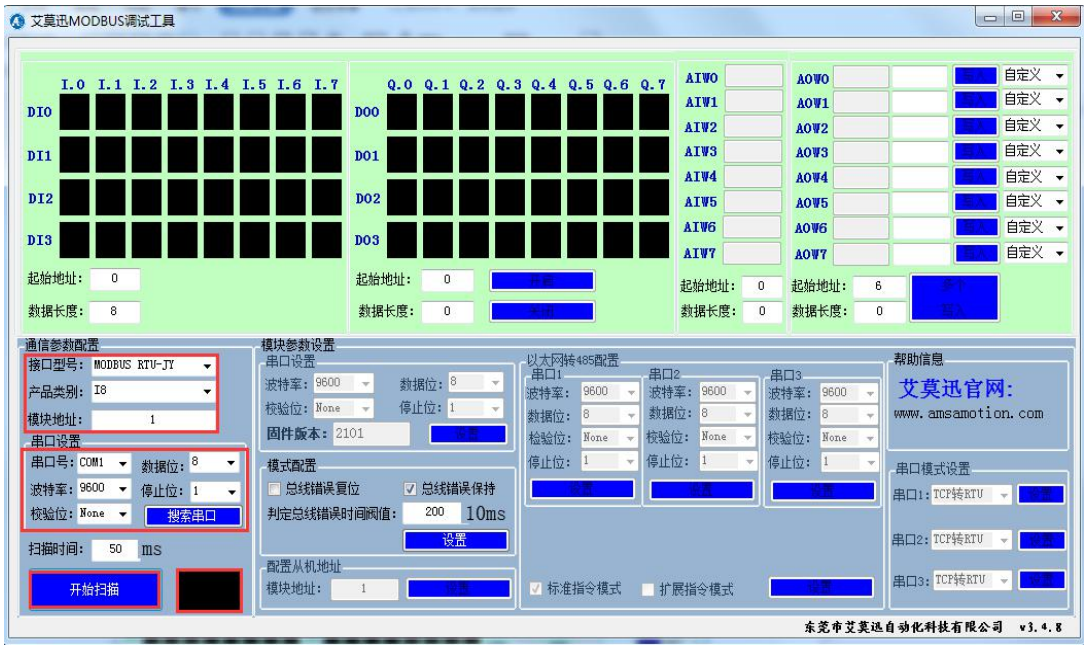
B. 选择对应的产品类别（主机型号），本主机为 I8

C. 填写模块地址（1~255），出厂时本模块地址为 1

D. 选择串口号，即连接模块的 USB 转 485 串口线在电脑设备管理器中的端口号

E. 选择波特率、校验位、数据位、停止位，应与模块当前参数一致，一般默认无需选择

F. 点击开始扫描按钮，成功连接后按钮文字变为停止扫描，其右边通讯状态图标颜色将由黑色变为红色



# 附录 A、32-255 站地址拨码状态表

## 站地址拨码对应JY-MODBUS模块站号表（32-63）




| 1号开关状态 | 2号开关状态 | 3号开关状态 | 4号开关状态 | 5号开关状态 | 6号开关状态 | 7号开关状态 | 8号开关状态 | 站号 |
|---|---|---|---|---|---|---|---|---|
| OFF | OFF | OFF | OFF | OFF | ON | OFF | OFF | 32 |
| ON | OFF | OFF | OFF | OFF | ON | OFF | OFF | 33 |
| OFF | ON | OFF | OFF | OFF | ON | OFF | OFF | 34 |
| ON | ON | OFF | OFF | OFF | ON | OFF | OFF | 35 |
| OFF | OFF | ON | OFF | OFF | ON | OFF | OFF | 36 |
| ON | OFF | ON | OFF | OFF | ON | OFF | OFF | 37 |
| OFF | ON | ON | OFF | OFF | ON | OFF | OFF | 38 |
| ON | ON | ON | OFF | OFF | ON | OFF | OFF | 39 |
| OFF | OFF | OFF | ON | OFF | ON | OFF | OFF | 40 |
| ON | OFF | OFF | ON | OFF | ON | OFF | OFF | 41 |
| OFF | ON | OFF | ON | OFF | ON | OFF | OFF | 42 |
| ON | ON | OFF | ON | OFF | ON | OFF | OFF | 43 |
| OFF | OFF | ON | ON | OFF | ON | OFF | OFF | 44 |
| ON | OFF | ON | ON | OFF | ON | OFF | OFF | 45 |
| OFF | ON | ON | ON | OFF | ON | OFF | OFF | 46 |
| ON | ON | ON | ON | OFF | ON | OFF | OFF | 47 |
| OFF | OFF | OFF | OFF | ON | ON | OFF | OFF | 48 |
| ON | OFF | OFF | OFF | ON | ON | OFF | OFF | 49 |
| OFF | ON | OFF | OFF | ON | ON | OFF | OFF | 50 |
| ON | ON | OFF | OFF | ON | ON | OFF | OFF | 51 |
| OFF | OFF | ON | OFF | ON | ON | OFF | OFF | 52 |
| ON | OFF | ON | OFF | ON | ON | OFF | OFF | 53 |
| OFF | ON | ON | OFF | ON | ON | OFF | OFF | 54 |
| ON | ON | ON | OFF | ON | ON | OFF | OFF | 55 |
| OFF | OFF | OFF | ON | ON | ON | OFF | OFF | 56 |
| ON | OFF | OFF | ON | ON | ON | OFF | OFF | 57 |
| OFF | ON | OFF | ON | ON | ON | OFF | OFF | 58 |
| ON | ON | OFF | ON | ON | ON | OFF | OFF | 59 |
| OFF | OFF | ON | ON | ON | ON | OFF | OFF | 60 |
| ON | OFF | ON | ON | ON | ON | OFF | OFF | 61 |
| OFF | ON | ON | ON | ON | ON | OFF | OFF | 62 |
| ON | ON | ON | ON | ON | ON | OFF | OFF | 63 |

## 站地址拨码对应JY-MODBUS模块站号表（64-95）




| 1号开关状态 | 2号开关状态 | 3号开关状态 | 4号开关状态 | 5号开关状态 | 6号开关状态 | 7号开关状态 | 8号开关状态 | 站号 |
|---|---|---|---|---|---|---|---|---|
| OFF | OFF | OFF | OFF | OFF | OFF | ON | OFF | 64 |
| ON | OFF | OFF | OFF | OFF | OFF | ON | OFF | 65 |
| OFF | ON | OFF | OFF | OFF | OFF | ON | OFF | 66 |
| ON | ON | OFF | OFF | OFF | OFF | ON | OFF | 67 |
| OFF | OFF | ON | OFF | OFF | OFF | ON | OFF | 68 |
| ON | OFF | ON | OFF | OFF | OFF | ON | OFF | 69 |
| OFF | ON | ON | OFF | OFF | OFF | ON | OFF | 70 |
| ON | ON | ON | OFF | OFF | OFF | ON | OFF | 71 |
| OFF | OFF | OFF | ON | OFF | OFF | ON | OFF | 72 |
| ON | OFF | OFF | ON | OFF | OFF | ON | OFF | 73 |
| OFF | ON | OFF | ON | OFF | OFF | ON | OFF | 74 |
| ON | ON | OFF | ON | OFF | OFF | ON | OFF | 75 |
| OFF | OFF | ON | ON | OFF | OFF | ON | OFF | 76 |
| ON | OFF | ON | ON | OFF | OFF | ON | OFF | 77 |
| OFF | ON | ON | ON | OFF | OFF | ON | OFF | 78 |
| ON | ON | ON | ON | OFF | OFF | ON | OFF | 79 |
| OFF | OFF | OFF | OFF | ON | OFF | ON | OFF | 80 |
| ON | OFF | OFF | OFF | ON | OFF | ON | OFF | 81 |
| OFF | ON | OFF | OFF | ON | OFF | ON | OFF | 82 |
| ON | ON | OFF | OFF | ON | OFF | ON | OFF | 83 |
| OFF | OFF | ON | OFF | ON | OFF | ON | OFF | 84 |
| ON | OFF | ON | OFF | ON | OFF | ON | OFF | 85 |
| OFF | ON | ON | OFF | ON | OFF | ON | OFF | 86 |
| ON | ON | ON | OFF | ON | OFF | ON | OFF | 87 |
| OFF | OFF | OFF | ON | ON | OFF | ON | OFF | 88 |
| ON | OFF | OFF | ON | ON | OFF | ON | OFF | 89 |
| OFF | ON | OFF | ON | ON | OFF | ON | OFF | 90 |
| ON | ON | OFF | ON | ON | OFF | ON | OFF | 91 |
| OFF | OFF | ON | ON | ON | OFF | ON | OFF | 92 |
| ON | OFF | ON | ON | ON | OFF | ON | OFF | 93 |
| OFF | ON | ON | ON | ON | OFF | ON | OFF | 94 |
| ON | ON | ON | ON | ON | OFF | ON | OFF | 95 |

## 站地址拨码对应JY-MODBUS模块站号表（96-127）




| 1号开关状态 | 2号开关状态 | 3号开关状态 | 4号开关状态 | 5号开关状态 | 6号开关状态 | 7号开关状态 | 8号开关状态 | 站号 |
|---|---|---|---|---|---|---|---|---|
| OFF | OFF | OFF | OFF | OFF | ON | ON | OFF | 96 |
| ON | OFF | OFF | OFF | OFF | ON | ON | OFF | 97 |
| OFF | ON | OFF | OFF | OFF | ON | ON | OFF | 98 |
| ON | ON | OFF | OFF | OFF | ON | ON | OFF | 99 |
| OFF | OFF | ON | OFF | OFF | ON | ON | OFF | 100 |
| ON | OFF | ON | OFF | OFF | ON | ON | OFF | 101 |
| OFF | ON | ON | OFF | OFF | ON | ON | OFF | 102 |
| ON | ON | ON | OFF | OFF | ON | ON | OFF | 103 |
| OFF | OFF | OFF | ON | OFF | ON | ON | OFF | 104 |
| ON | OFF | OFF | ON | OFF | ON | ON | OFF | 105 |
| OFF | ON | OFF | ON | OFF | ON | ON | OFF | 106 |
| ON | ON | OFF | ON | OFF | ON | ON | OFF | 107 |
| OFF | OFF | ON | ON | OFF | ON | ON | OFF | 108 |
| ON | OFF | ON | ON | OFF | ON | ON | OFF | 109 |
| OFF | ON | ON | ON | OFF | ON | ON | OFF | 110 |
| ON | ON | ON | ON | OFF | ON | ON | OFF | 111 |
| OFF | OFF | OFF | OFF | ON | ON | ON | OFF | 112 |
| ON | OFF | OFF | OFF | ON | ON | ON | OFF | 113 |
| OFF | ON | OFF | OFF | ON | ON | ON | OFF | 114 |
| ON | ON | OFF | OFF | ON | ON | ON | OFF | 115 |
| OFF | OFF | ON | OFF | ON | ON | ON | OFF | 116 |
| ON | OFF | ON | OFF | ON | ON | ON | OFF | 117 |
| OFF | ON | ON | OFF | ON | ON | ON | OFF | 118 |
| ON | ON | ON | OFF | ON | ON | ON | OFF | 119 |
| OFF | OFF | OFF | ON | ON | ON | ON | OFF | 120 |
| ON | OFF | OFF | ON | ON | ON | ON | OFF | 121 |
| OFF | ON | OFF | ON | ON | ON | ON | OFF | 122 |
| ON | ON | OFF | ON | ON | ON | ON | OFF | 123 |
| OFF | OFF | ON | ON | ON | ON | ON | OFF | 124 |
| ON | OFF | ON | ON | ON | ON | ON | OFF | 125 |
| OFF | ON | ON | ON | ON | ON | ON | OFF | 126 |
| ON | ON | ON | ON | ON | ON | ON | OFF | 127 |

## 站地址拨码对应JY-MODBUS模块站号表（128-159）




| 1号开关状态 | 2号开关状态 | 3号开关状态 | 4号开关状态 | 5号开关状态 | 6号开关状态 | 7号开关状态 | 8号开关状态 | 站号 |
|---|---|---|---|---|---|---|---|---|
| OFF | OFF | OFF | OFF | OFF | OFF | OFF | ON | 128 |
| ON | OFF | OFF | OFF | OFF | OFF | OFF | ON | 129 |
| OFF | ON | OFF | OFF | OFF | OFF | OFF | ON | 130 |
| ON | ON | OFF | OFF | OFF | OFF | OFF | ON | 131 |
| OFF | OFF | ON | OFF | OFF | OFF | OFF | ON | 132 |
| ON | OFF | ON | OFF | OFF | OFF | OFF | ON | 133 |
| OFF | ON | ON | OFF | OFF | OFF | OFF | ON | 134 |
| ON | ON | ON | OFF | OFF | OFF | OFF | ON | 135 |
| OFF | OFF | OFF | ON | OFF | OFF | OFF | ON | 136 |
| ON | OFF | OFF | ON | OFF | OFF | OFF | ON | 137 |
| OFF | ON | OFF | ON | OFF | OFF | OFF | ON | 138 |
| ON | ON | OFF | ON | OFF | OFF | OFF | ON | 139 |
| OFF | OFF | ON | ON | OFF | OFF | OFF | ON | 140 |
| ON | OFF | ON | ON | OFF | OFF | OFF | ON | 141 |
| OFF | ON | ON | ON | OFF | OFF | OFF | ON | 142 |
| ON | ON | ON | ON | OFF | OFF | OFF | ON | 143 |
| OFF | OFF | OFF | OFF | ON | OFF | OFF | ON | 144 |
| ON | OFF | OFF | OFF | ON | OFF | OFF | ON | 145 |
| OFF | ON | OFF | OFF | ON | OFF | OFF | ON | 146 |
| ON | ON | OFF | OFF | ON | OFF | OFF | ON | 147 |
| OFF | OFF | ON | OFF | ON | OFF | OFF | ON | 148 |
| ON | OFF | ON | OFF | ON | OFF | OFF | ON | 149 |
| OFF | ON | ON | OFF | ON | OFF | OFF | ON | 150 |
| ON | ON | ON | OFF | ON | OFF | OFF | ON | 151 |
| OFF | OFF | OFF | ON | ON | OFF | OFF | ON | 152 |
| ON | OFF | OFF | ON | ON | OFF | OFF | ON | 153 |
| OFF | ON | OFF | ON | ON | OFF | OFF | ON | 154 |
| ON | ON | OFF | ON | ON | OFF | OFF | ON | 155 |
| OFF | OFF | ON | ON | ON | OFF | OFF | ON | 156 |
| ON | OFF | ON | ON | ON | OFF | OFF | ON | 157 |
| OFF | ON | ON | ON | ON | OFF | OFF | ON | 158 |
| ON | ON | ON | ON | ON | OFF | OFF | ON | 159 |

## 站地址拨码对应JY-MODBUS模块站号表（160-191）




| 1号开关状态 | 2号开关状态 | 3号开关状态 | 4号开关状态 | 5号开关状态 | 6号开关状态 | 7号开关状态 | 8号开关状态 | 站号 |
|---|---|---|---|---|---|---|---|---|
| OFF | OFF | OFF | OFF | OFF | ON | OFF | ON | 160 |
| ON | OFF | OFF | OFF | OFF | ON | OFF | ON | 161 |
| OFF | ON | OFF | OFF | OFF | ON | OFF | ON | 162 |
| ON | ON | OFF | OFF | OFF | ON | OFF | ON | 163 |
| OFF | OFF | ON | OFF | OFF | ON | OFF | ON | 164 |
| ON | OFF | ON | OFF | OFF | ON | OFF | ON | 165 |
| OFF | ON | ON | OFF | OFF | ON | OFF | ON | 166 |
| ON | ON | ON | OFF | OFF | ON | OFF | ON | 167 |
| OFF | OFF | OFF | ON | OFF | ON | OFF | ON | 168 |
| ON | OFF | OFF | ON | OFF | ON | OFF | ON | 169 |
| OFF | ON | OFF | ON | OFF | ON | OFF | ON | 170 |
| ON | ON | OFF | ON | OFF | ON | OFF | ON | 171 |
| OFF | OFF | ON | ON | OFF | ON | OFF | ON | 172 |
| ON | OFF | ON | ON | OFF | ON | OFF | ON | 173 |
| OFF | ON | ON | ON | OFF | ON | OFF | ON | 174 |
| ON | ON | ON | ON | OFF | ON | OFF | ON | 175 |
| OFF | OFF | OFF | OFF | ON | ON | OFF | ON | 176 |
| ON | OFF | OFF | OFF | ON | ON | OFF | ON | 177 |
| OFF | ON | OFF | OFF | ON | ON | OFF | ON | 178 |
| ON | ON | OFF | OFF | ON | ON | OFF | ON | 179 |
| OFF | OFF | ON | OFF | ON | ON | OFF | ON | 180 |
| ON | OFF | ON | OFF | ON | ON | OFF | ON | 181 |
| OFF | ON | ON | OFF | ON | ON | OFF | ON | 182 |
| ON | ON | ON | OFF | ON | ON | OFF | ON | 183 |
| OFF | OFF | OFF | ON | ON | ON | OFF | ON | 184 |
| ON | OFF | OFF | ON | ON | ON | OFF | ON | 185 |
| OFF | ON | OFF | ON | ON | ON | OFF | ON | 186 |
| ON | ON | OFF | ON | ON | ON | OFF | ON | 187 |
| OFF | OFF | ON | ON | ON | ON | OFF | ON | 188 |
| ON | OFF | ON | ON | ON | ON | OFF | ON | 189 |
| OFF | ON | ON | ON | ON | ON | OFF | ON | 190 |
| ON | ON | ON | ON | ON | ON | OFF | ON | 191 |

## 站地址拨码对应JY-MODBUS模块站号表（192-223）




| 1号开关状态 | 2号开关状态 | 3号开关状态 | 4号开关状态 | 5号开关状态 | 6号开关状态 | 7号开关状态 | 8号开关状态 | 站号 |
|---|---|---|---|---|---|---|---|---|
| OFF | OFF | OFF | OFF | OFF | OFF | ON | ON | 192 |
| ON | OFF | OFF | OFF | OFF | OFF | ON | ON | 193 |
| OFF | ON | OFF | OFF | OFF | OFF | ON | ON | 194 |
| ON | ON | OFF | OFF | OFF | OFF | ON | ON | 195 |
| OFF | OFF | ON | OFF | OFF | OFF | ON | ON | 196 |
| ON | OFF | ON | OFF | OFF | OFF | ON | ON | 197 |
| OFF | ON | ON | OFF | OFF | OFF | ON | ON | 198 |
| ON | ON | ON | OFF | OFF | OFF | ON | ON | 199 |
| OFF | OFF | OFF | ON | OFF | OFF | ON | ON | 200 |
| ON | OFF | OFF | ON | OFF | OFF | ON | ON | 201 |
| OFF | ON | OFF | ON | OFF | OFF | ON | ON | 202 |
| ON | ON | OFF | ON | OFF | OFF | ON | ON | 203 |
| OFF | OFF | ON | ON | OFF | OFF | ON | ON | 204 |
| ON | OFF | ON | ON | OFF | OFF | ON | ON | 205 |
| OFF | ON | ON | ON | OFF | OFF | ON | ON | 206 |
| ON | ON | ON | ON | OFF | OFF | ON | ON | 207 |
| OFF | OFF | OFF | OFF | ON | OFF | ON | ON | 208 |
| ON | OFF | OFF | OFF | ON | OFF | ON | ON | 209 |
| OFF | ON | OFF | OFF | ON | OFF | ON | ON | 210 |
| ON | ON | OFF | OFF | ON | OFF | ON | ON | 211 |
| OFF | OFF | ON | OFF | ON | OFF | ON | ON | 212 |
| ON | OFF | ON | OFF | ON | OFF | ON | ON | 213 |
| OFF | ON | ON | OFF | ON | OFF | ON | ON | 214 |
| ON | ON | ON | OFF | ON | OFF | ON | ON | 215 |
| OFF | OFF | OFF | ON | ON | OFF | ON | ON | 216 |
| ON | OFF | OFF | ON | ON | OFF | ON | ON | 217 |
| OFF | ON | OFF | ON | ON | OFF | ON | ON | 218 |
| ON | ON | OFF | ON | ON | OFF | ON | ON | 219 |
| OFF | OFF | ON | ON | ON | OFF | ON | ON | 220 |
| ON | OFF | ON | ON | ON | OFF | ON | ON | 221 |
| OFF | ON | ON | ON | ON | OFF | ON | ON | 222 |
| ON | ON | ON | ON | ON | OFF | ON | ON | 223 |

# 站地址拨码对应JY-MODBUS模块站号表（224-255）




| 1号开关状态 | 2号开关状态 | 3号开关状态 | 4号开关状态 | 5号开关状态 | 6号开关状态 | 7号开关状态 | 8号开关状态 | 站号 |
|---|---|---|---|---|---|---|---|---|
| OFF | OFF | OFF | OFF | OFF | ON | ON | ON | 224 |
| ON | OFF | OFF | OFF | OFF | ON | ON | ON | 225 |
| OFF | ON | OFF | OFF | OFF | ON | ON | ON | 226 |
| ON | ON | OFF | OFF | OFF | ON | ON | ON | 227 |
| OFF | OFF | ON | OFF | OFF | ON | ON | ON | 228 |
| ON | OFF | ON | OFF | OFF | ON | ON | ON | 229 |
| OFF | ON | ON | OFF | OFF | ON | ON | ON | 230 |
| ON | ON | ON | OFF | OFF | ON | ON | ON | 231 |
| OFF | OFF | OFF | ON | OFF | ON | ON | ON | 232 |
| ON | OFF | OFF | ON | OFF | ON | ON | ON | 233 |
| OFF | ON | OFF | ON | OFF | ON | ON | ON | 234 |
| ON | ON | OFF | ON | OFF | ON | ON | ON | 235 |
| OFF | OFF | ON | ON | OFF | ON | ON | ON | 236 |
| ON | OFF | ON | ON | OFF | ON | ON | ON | 237 |
| OFF | ON | ON | ON | OFF | ON | ON | ON | 238 |
| ON | ON | ON | ON | OFF | ON | ON | ON | 239 |
| OFF | OFF | OFF | OFF | ON | ON | ON | ON | 240 |
| ON | OFF | OFF | OFF | ON | ON | ON | ON | 241 |
| OFF | ON | OFF | OFF | ON | ON | ON | ON | 242 |
| ON | ON | OFF | OFF | ON | ON | ON | ON | 243 |
| OFF | OFF | ON | OFF | ON | ON | ON | ON | 244 |
| ON | OFF | ON | OFF | ON | ON | ON | ON | 245 |
| OFF | ON | ON | OFF | ON | ON | ON | ON | 246 |
| ON | ON | ON | OFF | ON | ON | ON | ON | 247 |
| OFF | OFF | OFF | ON | ON | ON | ON | ON | 248 |
| ON | OFF | OFF | ON | ON | ON | ON | ON | 249 |
| OFF | ON | OFF | ON | ON | ON | ON | ON | 250 |
| ON | ON | OFF | ON | ON | ON | ON | ON | 251 |
| OFF | OFF | ON | ON | ON | ON | ON | ON | 252 |
| ON | OFF | ON | ON | ON | ON | ON | ON | 253 |
| OFF | ON | ON | ON | ON | ON | ON | ON | 254 |
| ON | ON | ON | ON | ON | ON | ON | ON | 255 |

# 修订历史

| 版本 | 修订日期 | 修订说明 | 维护人 |
|---|---|---|---|
| 1.0 | 2021.04.28 | 初始版本 | LIN |
| | | | |
| | | | |

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