

N4DOK32 new version 32 channel rail relay Manual

- 2CH RS485 Relay Serial HyperTerminal Enter(32-channel do not have AT command mode):

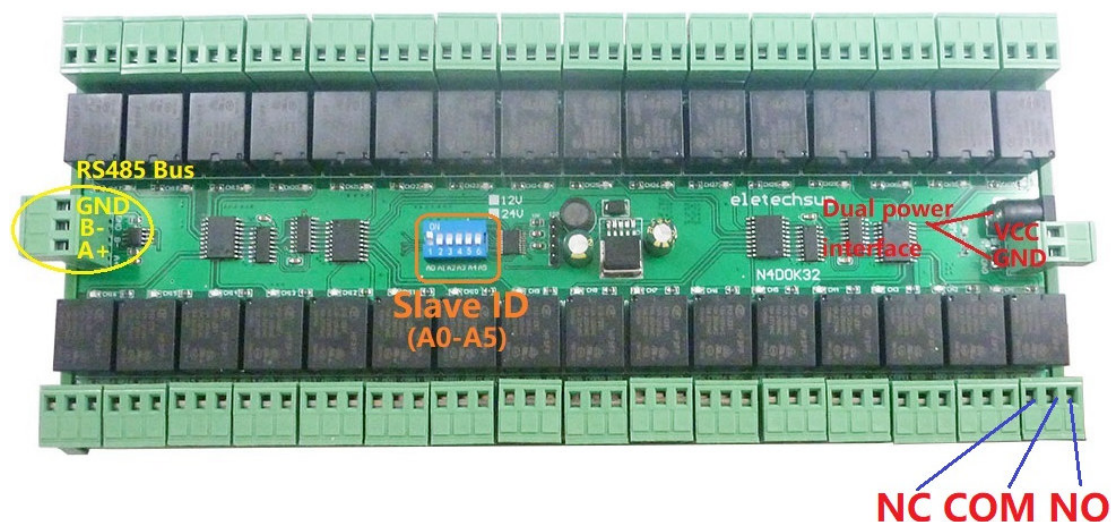
http://v.youku.com/v_show/id_XMTM0ODY4NzkxMg==.html

- 2CH RS485 Relay Modbus Poll Enter(Usage 2-channel and 32-channel is the same):

http://v.youku.com/v_show/id_XMTM0ODY4OTg5Mg==.html

Features:

- 1: 12V (12V version)/24V (24V version).
- 2: Standby current (all relays closed) 8mA, all 32 relay open 1.21A
- 3: "Open" "Close" "Momentary" "Self-locking" "Interlock" "Delay" 6 Commands
- 4: Support 03 06 16 MODBUS RTU function code
- 5 The default baud rate is 9600BPS, which can be configured to support 1200 2400 4800 19200 baud rates
- 6 Support 1 register operation 16 channels
- 7: Under the "Delay" command ,the maximum delay is 255 seconds
- 8 MODBUS commands can be made serial HyperTerminal (serial assistant) OR "Modbus Poll" Enter;
- 9 Under the MODBUS command mode, it can support up to 64 devices in parallel
- 10 Size: 269 * 115 * 48mm
- 11 Weight: 735grams
- 12 Maximum load: 10A / 250VAC, 12A / 125VAC



DIN rail Box parameters:

DIN rail Box parameters(DIN Rail Box Version):

Product model: UM100

Color: green

Width: suitable for PCB board width UM100(100mm)

Insulation grade: flame-retardant VO grade

Backplane length: suitable for 226 mm PCB boards

Net weight: 224g

Installation: DIN35 and C45 rail

Glossary:

NO : Relay normally open contact

COM : Relay common contact

NC : Relay normally closed contact

Open : NO connection COM, NC disconnect COM

Close : NO disconnect COM, NC connection COM

Momentary : Enter the Momentary command, the Receiver Relay is Open, delay of 0.5 seconds after, Relay is Close;

Toggle : Enter the Toggle command, the Receiver Relay is Open, Enter the Toggle command again, Relay is Close;

Latched : Enter the Channel 1 Latched command, the receiver Channel 1 is Open, the Channel 2 is Close.

Enter the Channel 2 Latched command the receiver Channel 2 is Open, the Channel 1 is Close.

Enter the Channel 3 Latched command the receiver Channel 1 is Close, the Channel 2 is Close.

Delay : Enter the Delay command, the Receiver Relay is Open, delay of 0-9999 seconds(MODBUS command is 0-255 seconds)after, Relay is Close;

During the delay, Enter the Close command, immediately close the relay

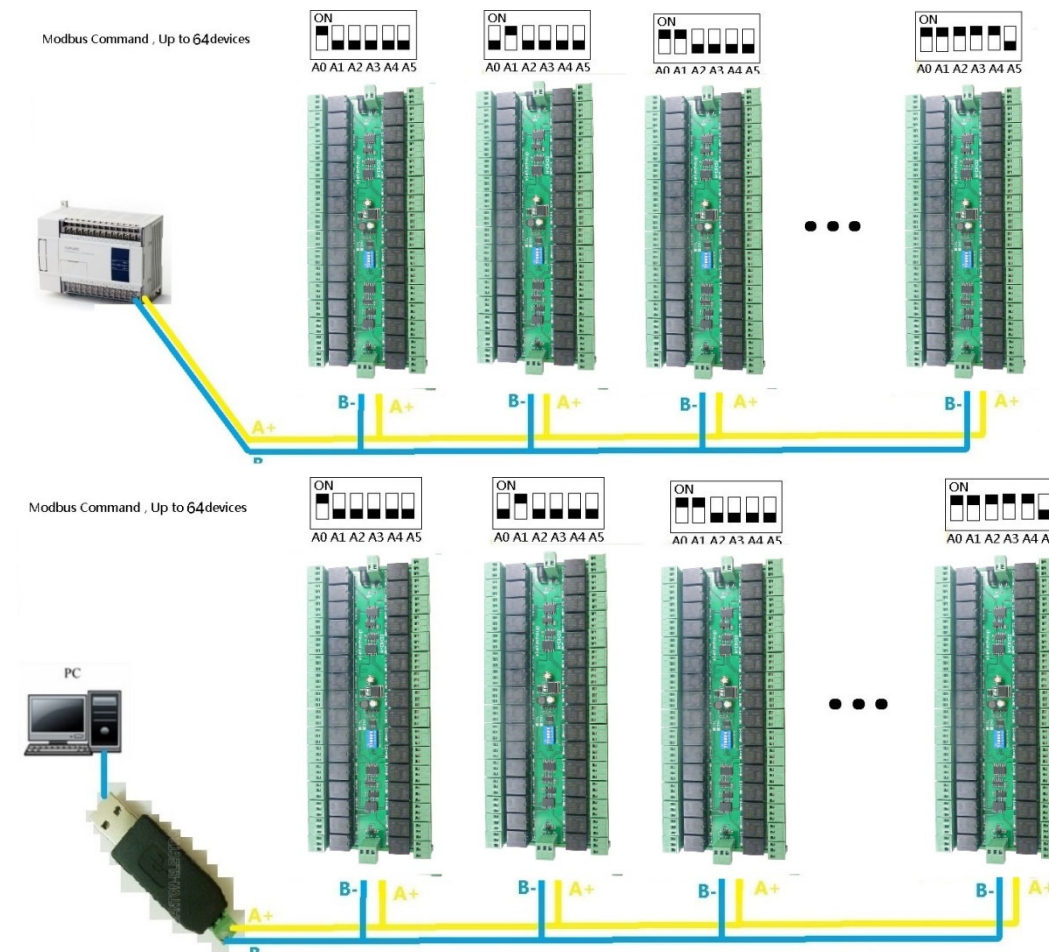


Slave ID: A0-A5 is the slave ID, you can choose 64 different slave ID.

Under the MODBUS command mode, the slave ID must be correct

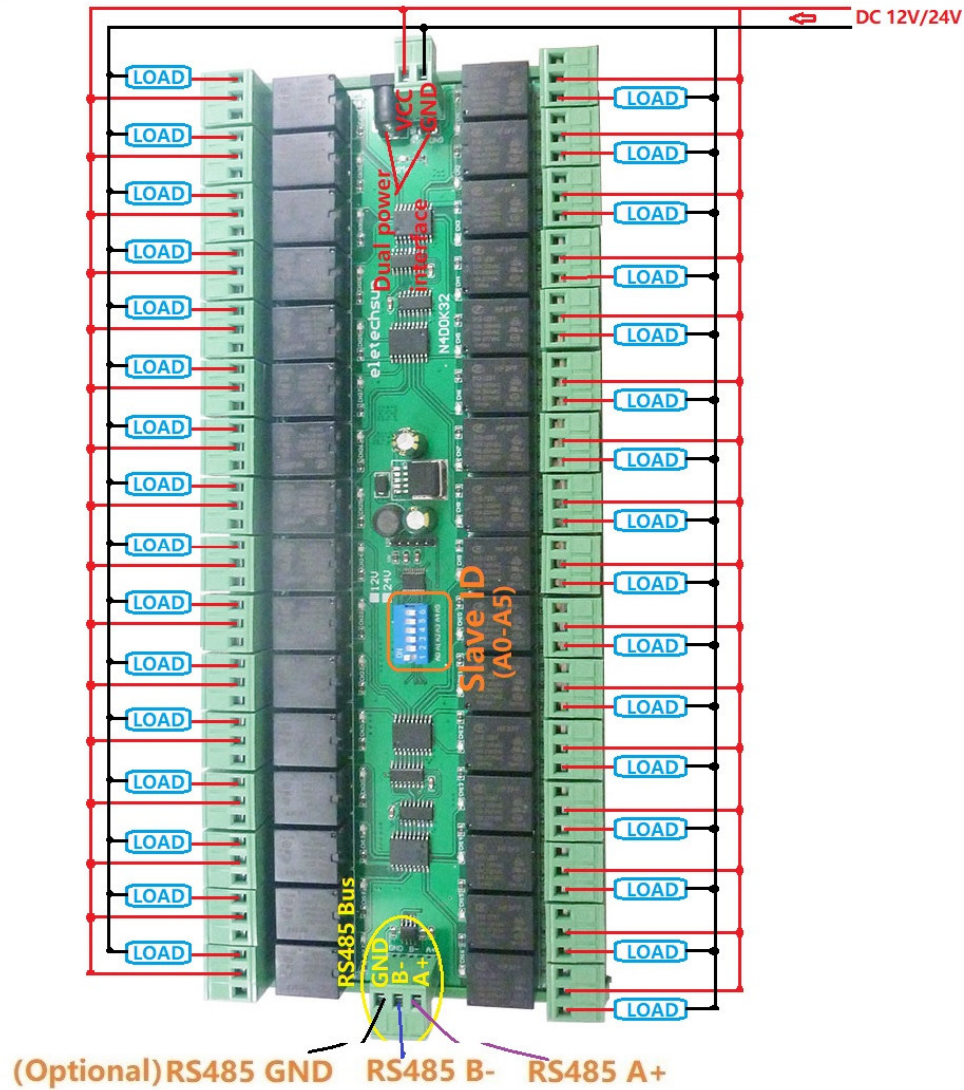
Command Description, Please refer to " N4DOK32 Modbus RTU Command"

Typical applications:



MODBUS command mode (HEX), you can control a variety of ways: Serial Hyper Terminal Control (need to manually add the CRC), Modbus Poll software control (software automatically add the CRC), PLC or MCU process control

1 DC 12V/24V control circuit,Wiring diagram below. "LOAD" may be camera,LED lights, fans, motors and other DC 12V/24V equipment



2 DC 1-100VAC 85-265V control circuit,Wiring diagram below(Note:If not DC 12V/24V load, need another DC 12V/24V power supply). "LOAD" may be LED lights, fans, motors Lights, fluorescent lights, solar water heaters and other DC AC equipment

