

Model:UT-5512

Digital 8-channel relay output controller

Datasheet



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1. Overview

The UT-5512 is an 8-channel relay output controller with an external RS-232/485 opto-isolated communication interface. It is very easy to use the program to control the functions of those outputs, plus simple drive lines to drive external devices (e.g.: pneumatic components, external relay switches, electric eye status, remote control interface instruments, analog-to-digital-to-analog converters, stepper motor control, etc.).

2. Main Function, Feature

- Support 8-channel switch output I/O controller

3. Technical Parameters

- GND: Common ground
- VCC: DC9--30V power input operating current: 350mA
- DATA-: communication interface (RS232: data receiving; RS485: RS485-)
- DATA+: communication interface (RS232: data transmission; RS485: RS485+)
- RESET: reset
- NO1,COM1 are 1 channel
- NO2,NC2,COM2 are 2 channel
- NO3, NO4, NO5,NO6, NO7, COM are 3~7 channel
- COM, COM1, COM2, COM8 are common port for relay
- NO is the normally open terminal of the relay
- NC is the normally closed end of the relay
- Relay contact AC voltage max:125V; current max:500mA
- Relay contact DC voltage max:30V; current max:1A

4. Interface Definition

CN1:

Connection socket 1:

| | |
|-------|----|
| GND | 10 |
| VCC | 9 |
| DATA- | 8 |
| DATA+ | 7 |
| RESET | 6 |
| COM1 | 5 |
| NO1 | 4 |
| COM2 | 3 |
| NC2 | 2 |
| NO2 | 1 |

CN 2:

Connection socket 2:

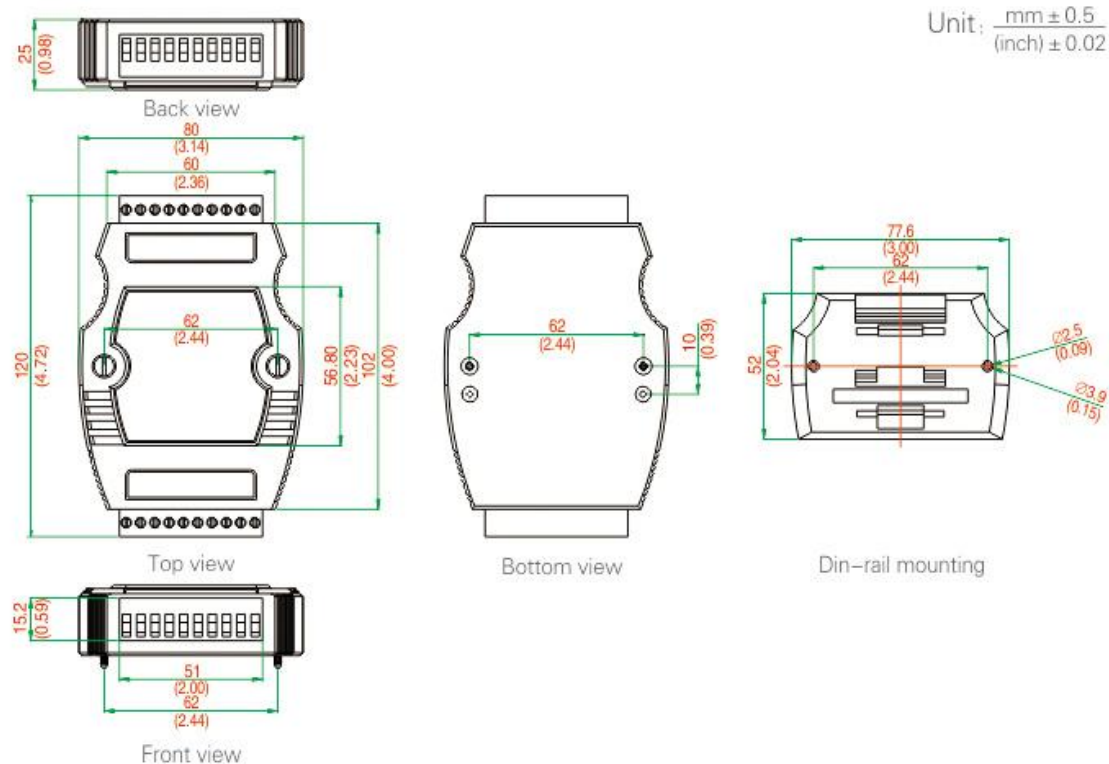
| | |
|------|----|
| COM | 10 |
| COM | 9 |
| NO3 | 8 |
| NO4 | 7 |
| NO5 | 6 |
| NO6 | 5 |
| NO7 | 4 |
| COM8 | 3 |
| NC8 | 2 |
| NO8 | 1 |

5. Product View (Appearance)



6. Structure Dimension

Dimension



7. Ordering Information

Ordering

| Model | Signal/ Interface | | Protection level | Baud rate | Operating Environment | | | Power | |
|---------|---------------------|-----|------------------|------------------|-----------------------|---------|----------|---------------|----------------|
| | RS232/485 | I/O | | | Temperature | | Humidity | | |
| | 5.08 Terminal block | | RS232/485 | | -25~70℃ | -40~85℃ | 5~95% | plug and play | External power |
| UT-5512 | √ | √ | √ | 1200bps~19200bps | √ | | √ | | 9~30VDC |