

Model:UT-5512

Digital 8-channel relay output controller

Datasheet

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:

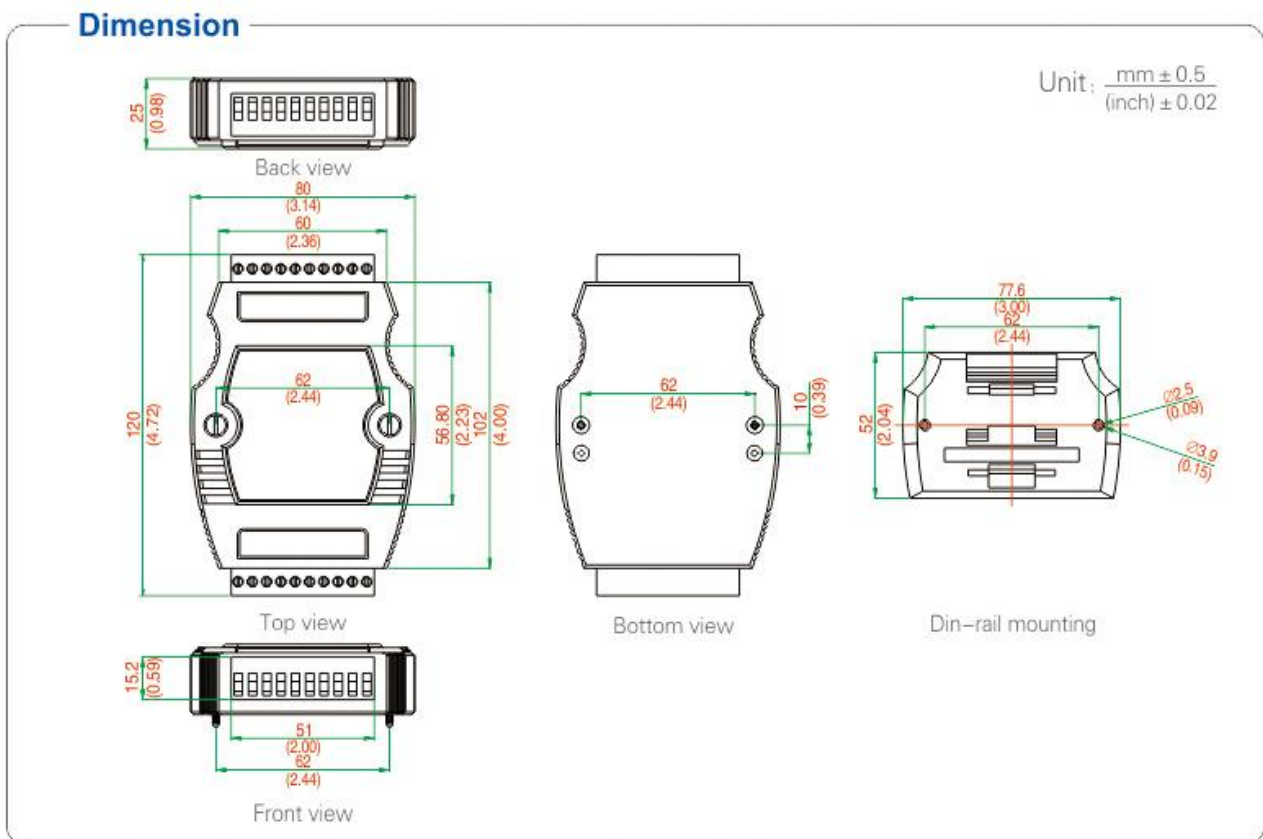
Connection socket 2:

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



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°C	-40~85°C	5~95%	plug and play	External power
UT-5512	√	√	√	1200bps~19200bps	√		√		9~30VDC