

Model:UT-2088D

32-channel opto-isolated relay output control box

Datasheet



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1. Overview

UT-2088D 32-channel opto-isolated relay output, each data output channel is similar to several personal computer interfaces, using external 10/100M Ethernet, RS-232 and RS-485 opto-isolated communication interfaces, this control box is very easy to use the program to control the function of those outputs, plus a simple drive line to drive external devices (For example: pneumatic components, external relay switches, remote control interface instruments, stepper motor control, etc.).

2. Main Function, Feature

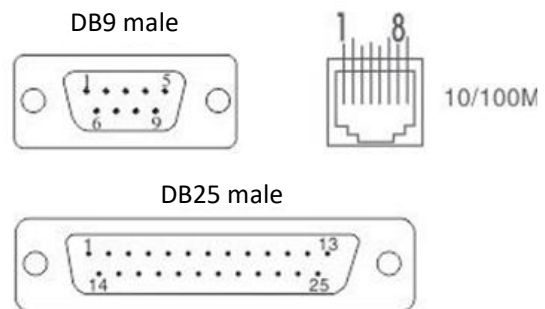
- Support 32-channel opto-isolated relay output controller

3. Technical Parameters

- Standard RS-323 input interface (RS-485, TCP/IP interface optional)
- Standard DB25 output interface
- 32-channel opto-isolated relay output
- Power input: AC100-240C/50`60HZ
- Switching output with terminal block
- Power consumption: 12W max.
- Maximum contact capacity (DC): 110VDC 0.3A 30VDC 1A
- Maximum contact capacity (AC):125VAC 0.3A
- With communication indicator indication
- Operating environment: -25~70°C
- Relative temperature of 5 ~ 95%

4. Interface Definition

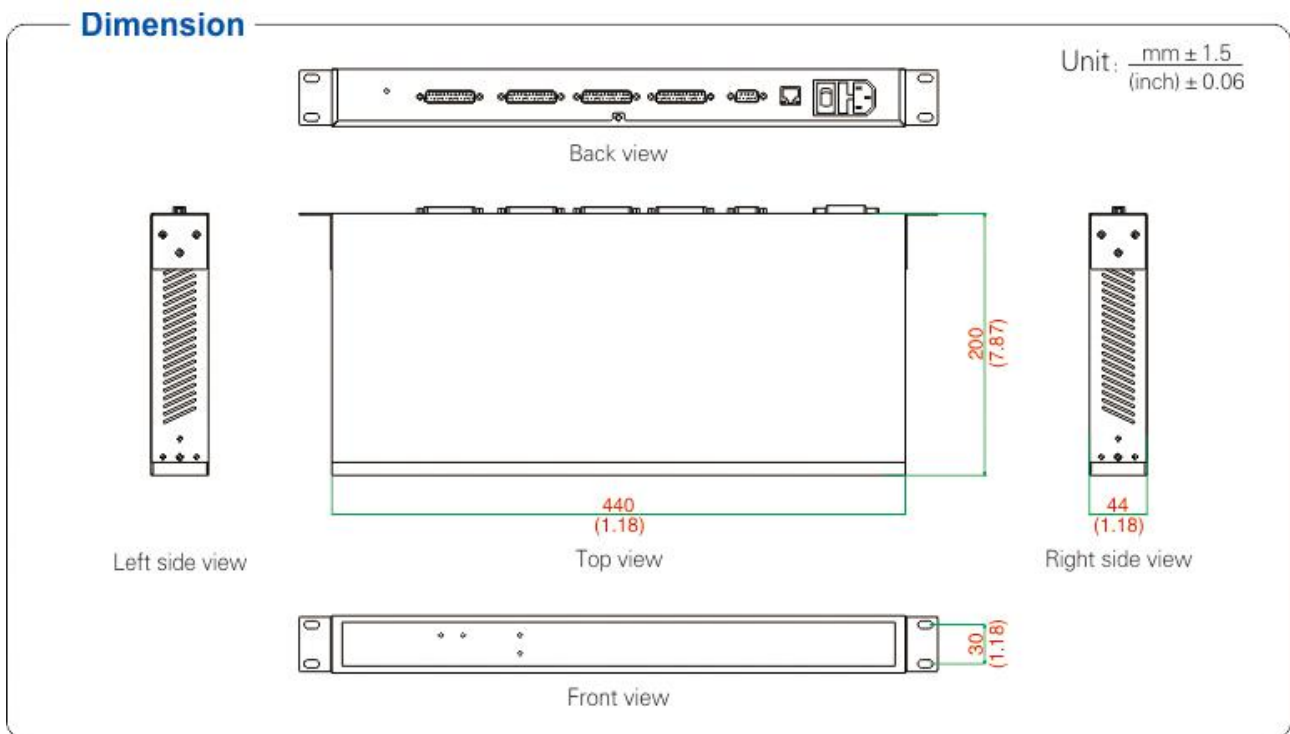
| DB9 Pin Assignment | RS-232 | RS-485 |
|--------------------|--------|---------|
| 1 | N/C | RS-485+ |
| 2 | RXD | RS-485- |
| 3 | TXD | N/C |
| 4 | N/C | N/C |
| 5 | GND | GND |
| 6 | N/C | N/C |
| 7 | N/C | N/C |
| 8 | N/C | N/C |
| 9 | N/C | N/C |



5. Product View (Appearance)



6. Structure Dimension



7. Ordering Information

Ordering

| Model | Signal/ Interface | | Protection level | Baud rate | Operating Environment | | | Power | |
|----------|-------------------|-----------|------------------|------------------|-----------------------|---------|----------|---------------|----------------|
| | RS232/485/422 | I/O | | | Temperature | | Humidity | | |
| | DB9 | DB25 Male | RS-232/485/422 | | -25~70℃ | -40~85℃ | 5~95% | plug and play | External power |
| UT-2088D | √ | √ | 600W Surge | 1200bps~19200bps | √ | | √ | | AC100-240 V |