

UT-209 规格书

(物料名称: 光电隔离数据中继)

1. 品牌与制造商信息

- 品牌: 宇泰科技 (UTEK)
- 制造商:
- Logo: 

2. 物料型号及版本

- 型号: UT-209
- 版本: VER:01

3. 主要功能、特性

- 支持 RS-485/422 光电隔离数据中继器

4. 技术参数

- 1、接口特性: 接口兼容 EIA/TIA 的 RS-485/RS-422 标准
- 2、电气接口: RS-422/RS-485 输入端 DB9 母头的连接器,
RS-422/RS-485 输出端 DB9 公头的连接器。
- 3、保护等级: 两端 RS-422、RS-485 接口每线 600W 的雷击浪涌保护, +/-15KV ESD 保护。
- 4、隔离度: 隔离电压 2500Vrms 500DC 连续.DC/DC 模块
- 5、工作方式: 异步半双工或异步全双工
- 6、信号指示: 三个信号指示灯电源 (PWR)、发送 (TXD)、接收 (RXD)。
- 7、传输介质: 双绞线或屏蔽线
- 8、传输速率: 300bps-115.2Kbps
- 9、外形尺寸: 113mm×55mm×25mm
- 10、使用环境: -40℃ 到 85℃, 相对湿度为 5%到 95%
- 11、传输距离: 0-5,000 米 (115200bps-9600bps)

5. 硬件定义及初始设定

RS-485/RS-422 输入端信号引脚分配

| DB9 母头/孔型(PIN) | 输出信号 | RS-422 全双工接线 | RS-485 半双工接线 |
|----------------|------|--------------|--------------|
| 1 | T/R+ | 发(A+) | RS-485 (A+) |
| 2 | T/R- | 发(B-) | RS-485 (B-) |
| 3 | RXD+ | 收(A+) | 空 |
| 4 | RXD- | 收(B-) | 空 |
| 5 | GND | 地线 | 地线 |
| 6 | N/A | | |
| 7 | N/A | | |
| 8 | N/A | | |
| 9 | N/A | | |

RS-485/RS-422 输出端信号引脚分配

| DB9 公头/针型(PIN) | 输出信号 | RS-422 全双工接线 | RS-485 半双工接线 |
|----------------|------|-------------------------------------|-------------------------------------|
| 1 | T/R+ | 发(A+) | RS-485 (A+) |
| 2 | T/R- | 发(B-) | RS-485 (B-) |
| 3 | RXD+ | 收(A+) | 空 |
| 4 | RXD- | 收(B-) | 空 |
| 5 | GND | | 地线 |
| 6 | VCC | 电源 9-24VDC 输入或 9-24VDC 输出(100mA) | 电源 9-24VDC 输入或 9-24VDC 输出(100mA) |
| 7 | N/A | | |
| 8 | N/A | | |
| 9 | N/A | | |

6. 产品视图 (外观图)



7. 产品认证资质(法律法规)说明

Bldg.69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P.R. China
www.emtek.com.cn Tel:+86-755-2695 4280 Fax:+86-755-2695 4282

Shenzhen EMTEK Co., Ltd.
EMTEK
Access to the World

Certificate of Conformity

NO.: E0805125E

The following products have been tested by us with the listed standards and found in conformity with the council EMC directive 2004/108/EC. It is possible to use CE marking to demonstrate the conformity with this EMC Directive.

| | |
|----------------|---|
| Applicant | : UTEK TECHNOLOGY(SHENZHEN) CO., LTD. |
| Address | : 7/F, No.1, Xinghua 1 Road, District 44, Baoan, Shenzhen |
| Manufacturer | : UTEK TECHNOLOGY(SHENZHEN) CO., LTD. |
| Address | : 7/F, No.1, Xinghua 1 Road, District 44, Baoan, Shenzhen |
| Trade Mark | : UTEK |
| EUT | : Interface Converters |
| M/N | : UT-206, UT-208, UT-209, UT-218 |
| Test Standards | : EN55022: 2006 EN61000-3-2: 2006 EN61000-3-3: 1995+ A1: 2001+A2: 2005 EN55024: 1998+A1: 2001+A2: 2003 |

The test report was carried out from the submitted type samples of a product in conformity with the specification of the respective standards. The certificate holder has the right to fix the CE-mark for EMC directive on the product complying with the inspection samples.

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Declaration of Conformity

This device is in conformance with Part 15 of the FCC Rules and Regulations. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

| | |
|--------------|---|
| Applicant | : UTEK TECHNOLOGY(SHENZHEN) CO., LTD. |
| Address | : 7/F, No.1, Xinghua 1 Road, District 44, Baoan, Shenzhen |
| Manufacturer | : UTEK TECHNOLOGY(SHENZHEN) CO., LTD. |
| Address | : 7/F, No.1, Xinghua 1 Road, District 44, Baoan, Shenzhen |
| Trade Mark | : UTEK |

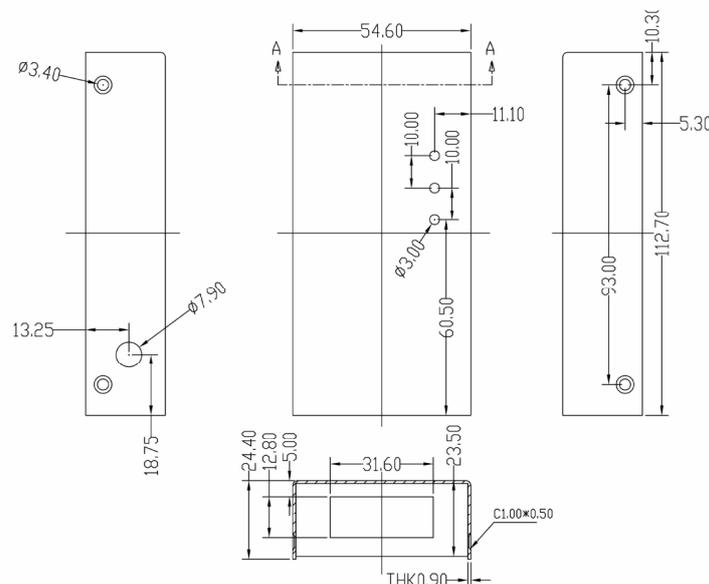
EUT Certification Summary

| | |
|-----------------|----------------------------|
| Equipment Class | : FCC Part 15 Class B |
| Report Number | : E0805125F |
| Tested by | : SHEN ZHEN EMTEK CO., LTD |

We, the responsible party:
UTEK TECHNOLOGY(SHENZHEN) CO., LTD.
Declare that the product
Interface Converters
M/N: UT-206, UT-208, UT-209, UT-218

Was tested to conform to the applicable FCC Rules and Regulations. The method of testing was in accordance to the most accurate measurement standards possible, and that all necessary steps have been enforced to assure that all production units of the same equipment will continue to comply with the Federal Communications Commission's requirements.

8. 结构尺寸图



9. 机身铭牌（包含认证标识）



产品名称:接口转换器

型 号:UT-209

额定电压:9~24VDC

额定电流:100mA

产 地:中国制造



10. 附件清单

| 名称 | 数量（单位） |
|-------|--------|
| 包装盒 | 1PCS |
| 珍珠棉 | 1PCS |
| 说明书 | 1PCS |
| 电源 | 1PCS |
| 母孔接线柱 | 1PCS |
| 公针接线柱 | 1PCS |
| 产品合格证 | 1PCS |

11. 包装方式及外箱标识



包装盒尺寸是：280×160×65mm

注:生产批号、生产日期以实际货物为准。

12. 存储运输要求

存储温度：-40 度到+85 度,相对湿度为 5%到 95%

13. 加工/组装/安装注意事项（可选）

14. 典型参数的测试方法（可选）

15. 产品质保及服务（可选）