



| | | | | | | | | | | |
|-----|------|----------------------|-------|---|---|----------|------------|------------|---|----------------------|
| A4 | | | |  台普 ROCPCU | COMMON TOLERANCE | UNIT | MM | PROJECTED |  | PRODUCT NAME: |
| A3 | | | | | | DRAWN BY | FUYUAN | CHECKED BY | COCO | MODEL NO: TP93002P1S |
| A2 | | | | | DATE | 2019 | APPROVAL B | ALEN | Https: www.rocpcu.tw | |
| A1 | | | | | ROCPCU TECHNOLOGY CO.,LTD | | | | | |
| REV | DATE | REVISION DESCRIPTION | ISSUE | | Copies are issued in strict confidence and shall not be reproduced or copied, or used as the basic of manufacture or sale of apparatus without permission | | | | | |



性能参数

1. Heating current: Ui: AC250V, Ith: 5A
发热电流: Ui: AC250V, Ith: 5A
2. Rated current:3A/DC36V
额定电流:3A/DC36V
3. Power-frequency withstand voltage:2000V1min
工频耐压:2000V1min
4. Insulation resistance:≥1000MΩ
绝缘电阻 :≥1000MΩ
5. Contact resistance:≤50mΩ
接触电阻 :≤50mΩ
6. Pressing stroke:3.00mm ± 0.10
按压行程:3.00mm ± 0.10
7. Contact stroke:1.50mm±0.10
接触行程 :1.50mm±0.10
8. welding temperature: 320 °C± 20 °C
焊接温度: 320 °C± 20 °C
9. Welding duration: Less than 3 seconds in duration
焊接时长: Less than 3 seconds in duration
10. Nut assembly torque:5-14N
螺帽装配力矩:5-14N
11. Protection level:IP67
防护等级:IP67
12. Explosion prevention level: IK10
防暴等级: IK10

连接形式



1. Welding temperature of wire: 320 ± 20 °C
线材焊接温度: 320±20°C
Wire welding duration: less than 3 seconds
线材焊接时长: 时长3秒以下
2. Can be used with dedicated connectors:
可配专用接插件使用:
 - 2.1 1NO2NCSwitch function wire: green (C) blue wire (NO) yellow wire (NC)
1NO2NC开关功能线材: 绿色(C) 蓝线 (NO) 黄线 (NC)
 - 2.2 2NO2NC switch function wire: green black wire c, blue black wire NO, yellow white wire NC
2NO2NC开关功能线材: 绿黑线 (C) 蓝黑线 (NO)、黄白先(NC)

13. Working environment temperature: -20 °C~+55 °C
工作环境温度: -20 °C~+55 °C
14. Compression torque: ≤ 3.5N
按压扭力: ≤3.5N
15. Electrical life: 100000 cycles
电气寿命: 100000 cycles
16. mechanical: 500000cycles
机械寿命: 500000cycles
17. Operation method:Self-locking type
操作方式: 自锁式
18. NO reverse thrust foot torque: ≤30N
NO反推脚扭力: ≤30N

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| A3 | | | | | X.XX | ± 0.10 | DRAWN BY | FUYUAN | CHECKED BY | COCO | MODEL NO: TP93002P1S |
| A2 | | | | | X.X | ± 0.15 | DATE | 2019 | APPROVAL B | ALEN | Https: www.rocpcu.tw |
| A1 | | | | | X | ± 0.25 | ROCPCU TECHNOLOGY CO.,LTD | | | | |
| REV | DATE | REVISION | DESCRIPTION | | ISSUE | ANGULAR | | | | | |
| | | A | B | C | | D | E | F | G | | |

| NO 序号 | Part name 部件名 | Material 材料 | QTY 数量 | Remark 备注 |
|----------|--------------------------|---------------------|-----------|--------------------|
| 1 | Key 按键 | SUS 不锈钢 | 1 | |
| 2 | Housing 外壳 | SUS 不锈钢 | 1 | |
| 3 | Oring O型圈 | Silica gel 硅胶 | 1 | |
| 4 | Arm nut 固定螺帽 | Brass 黄铜 | 1 | nickeling 镀镍 |
| 5 | LED Base LED基座 | PC 塑胶 | 1 | |
| 6 | Contact material 接触材质 | silver alloy 银合金 | 1 | Silvering 镀银 |
| 7 | Pin 引脚 | Brass 黄铜 | 1 | gold-plating 镀金 |
| 8 | Base 底座 | PA46 | 1 | |

材质参数

| A4 | | | |  ROCPCU | <table border="1"> <tr> <th colspan="2">COMMON TOLERANCE</th> </tr> <tr> <td>X.XX</td> <td>± 0.10</td> </tr> <tr> <td>X.X</td> <td>± 0.15</td> </tr> <tr> <td>X</td> <td>± 0.25</td> </tr> <tr> <td colspan="2">ANGULAR</td> </tr> </table> | COMMON TOLERANCE | | X.XX | ± 0.10 | X.X | ± 0.15 | X | ± 0.25 | ANGULAR | | UNIT | MM | PROJECTED |  | PRODUCT NAME: |
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| COMMON TOLERANCE | | | | | | | | | | | | | | | | | | | | |
| X.XX | ± 0.10 | | | | | | | | | | | | | | | | | | | |
| X.X | ± 0.15 | | | | | | | | | | | | | | | | | | | |
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