



|     |      |          |             |                                                                                                                        |                  |         |                           |                                                                                                                                                          |            |                                                                                       |                         |   |  |
|-----|------|----------|-------------|------------------------------------------------------------------------------------------------------------------------|------------------|---------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|-------------------------|---|--|
| A4  |      |          |             | <div><div>台普<br/>ROCPCU</div></div> | COMMON TOLERANCE |         | UNIT                      | MM                                                                                                                                                       | PROJECTED  |  | PRODUCT NAME:           |   |  |
| A3  |      |          |             |                                                                                                                        |                  |         | DRAWN BY                  | FUYUAN                                                                                                                                                   | CHECKED BY | COCO                                                                                  | MODEL NO: TP91610G224RA |   |  |
| A2  |      |          |             |                                                                                                                        | X.XX             | ± 0.10  | DATE                      | 2019                                                                                                                                                     | APPROVAL B | ALEN                                                                                  | Https: www.rocpcu.tw    |   |  |
| A1  |      |          |             |                                                                                                                        | X.X              | ± 0.15  | ROCPCU TECHNOLOGY CO.,LTD |                                                                                                                                                          |            |                                                                                       |                         |   |  |
|     |      |          |             |                                                                                                                        | X                | ± 0.25  |                           |                                                                                                                                                          |            |                                                                                       |                         |   |  |
| REV | DATE | REVISION | DESCRIPTION |                                                                                                                        | ISSUE            | ANGULAR | ——                        | 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 |            |                                                                                       |                         |   |  |
| A   |      | B        |             | C                                                                                                                      |                  | D       |                           | E                                                                                                                                                        |            | F                                                                                     |                         | G |  |

| A |                                                                                                                                                                         | B    |          | C           |                                                                                                     | D                |   | E                         |        | F          |                                                                                       | G                       |   |       |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|-------------|-----------------------------------------------------------------------------------------------------|------------------|---|---------------------------|--------|------------|---------------------------------------------------------------------------------------|-------------------------|---|-------|
| 1 | 性能参数                                                                                                                                                                    |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 1. Heating current: Ui: AC250V, Ith: 5A<br>发热电流: Ui: AC250V, Ith: 5A                                                                                                    |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 2. Rated current:3A/DC36V<br>额定电流:3A/DC36V                                                                                                                              |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 3. Power-frequency withstand voltage:2000V1min<br>工频耐压:2000V1min                                                                                                        |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 4. Insulation resistance:≥1000MΩ<br>绝缘电阻 :≥1000MΩ                                                                                                                       |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 5. Contact resistance:≤50mΩ<br>接触电阻 :≤50mΩ                                                                                                                              |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 6. Pressing stroke:2.80mm ± 0.10<br>按压行程:2.80mm ± 0.10                                                                                                                  |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 7. Contact stroke:1.50mm±0.10<br>接触行程 :1.50mm±0.10                                                                                                                      |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 8. Nut assembly torque:5-14N<br>螺帽装配力矩:5-14N                                                                                                                            |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 9. Protection level:IP67<br>防护等级:IP67                                                                                                                                   |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
| 2 | 10. Explosion prevention level: IK09<br>防暴等级: IK09                                                                                                                      |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 11. Working environment temperature: -20 ℃~+55 ℃<br>工作环境温度: -20 ℃~+55 ℃                                                                                                 |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 12. Compression torque: ≤ 3.5N<br>按压扭力: ≤3.5N                                                                                                                           |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 13. Electrical life: 500000 cycles<br>电气寿命: 500000 cycles                                                                                                               |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 14. mechanical: 500000cycles<br>机械寿命: 500000cycles                                                                                                                      |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 15. Operation method:Self repeating form<br>操作方式: 自复式                                                                                                                   |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 16. NO reverse thrust foot torque: ≤30N<br>NO反推脚扭力: ≤30N                                                                                                                |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 17. LED lamp power consumption: 20m以下<br>LED灯功耗: 20m以下                                                                                                                  |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 18. LED lamp lifespan: 40000h<br>LED寿命: 40000h                                                                                                                          |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 19. LED color: Red<br>LED颜色: 红色                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
| 3 | 连接形式                                                                                                                                                                    |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 1. Welding temperature of wire: 320 ± 20 ℃<br>线材焊接温度: 320±20℃<br>Wire welding duration: less than 3 seconds<br>线材焊接时长: 时长3秒以下                                           |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 2. Can be used with dedicated connectors:<br>可配专用接插件使用:                                                                                                                 |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 2.1 Switch function wire: green (C) blue wire (NO) yellow wire (NC)<br>开关功能线材: 绿色(C) 蓝线 (NO) 黄线 (NC)                                                                    |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   | 2.2 LED functional wire: red wire positive pole, black wire negative pole, LED without distinction between positive and negative poles<br>LED功能线材: 红线正极, 黑线负极, LED不分正负极 |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
| 4 |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
|   |                                                                                                                                                                         |      |          |             |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   |       |
| 5 | A4                                                                                                                                                                      |      |          |             | <br>台普<br>ROCPCU | COMMON TOLERANCE |   | UNIT                      | MM     | PROJECTED  |  | PRODUCT NAME:           |   |       |
|   | A3                                                                                                                                                                      |      |          |             |                                                                                                     |                  |   | DRAWN BY                  | FUYUAN | CHECKED BY | COCO                                                                                  | MODEL NO: TP91610G224RA |   |       |
|   | A2                                                                                                                                                                      |      |          |             |                                                                                                     |                  |   | DATE                      | 2019   | APPROVAL B | ALEN                                                                                  | Https: www.rocpcu.tw    |   |       |
|   | A1                                                                                                                                                                      |      |          |             |                                                                                                     |                  |   | ROCPCU TECHNOLOGY CO.,LTD |        |            |                                                                                       |                         |   |       |
|   | REV                                                                                                                                                                     | DATE | REVISION | DESCRIPTION |                                                                                                     |                  |   |                           |        |            |                                                                                       |                         |   | ISSUE |
|   | A                                                                                                                                                                       |      | B        |             | C                                                                                                   |                  | D |                           | E      |            | F                                                                                     |                         | G |       |

|          |                          |   |  |                       |  |   |           |   |  |                         |  |   |  |
|----------|--------------------------|---|--|-----------------------|--|---|-----------|---|--|-------------------------|--|---|--|
| A        |                          | B |  | C                     |  | D |           | E |  | F                       |  | G |  |
| 材质参数     |                          |   |  |                       |  |   |           |   |  |                         |  |   |  |
| 10       | luminous zone<br>发光区     |   |  | PC<br>塑料              |  |   | 1         |   |  |                         |  |   |  |
| 9        | LEDpin<br>LED脚           |   |  | Brass<br>黄铜           |  |   | 1         |   |  | Silvering<br>镀银         |  |   |  |
| 8        | Base<br>底座               |   |  | PA46                  |  |   | 1         |   |  |                         |  |   |  |
| 7        | Pin<br>引脚                |   |  | Brass<br>黄铜           |  |   | 1         |   |  | gold-plating<br>镀金      |  |   |  |
| 6        | Contact material<br>接触材质 |   |  | silver alloy<br>银合金   |  |   | 1         |   |  |                         |  |   |  |
| 5        | LED Base<br>LED基座        |   |  | PBT                   |  |   | 1         |   |  |                         |  |   |  |
| 4        | Arm nut<br>固定螺帽          |   |  | Brass<br>黄铜           |  |   | 1         |   |  | nickeling<br>镀镍         |  |   |  |
| 3        | Oring<br>O型圈             |   |  | Silica gel<br>硅胶      |  |   | 1         |   |  |                         |  |   |  |
| 2        | Housing<br>外壳            |   |  | Aluminum alloy<br>铝合金 |  |   | 1         |   |  | Oxidized/Black<br>氧化/黑色 |  |   |  |
| 1        | Key<br>按键                |   |  | Aluminum alloy<br>铝合金 |  |   | 1         |   |  | Oxidized/Black<br>氧化/黑色 |  |   |  |
| NO<br>序号 | Part name<br>部件名         |   |  | Material<br>材料        |  |   | QTY<br>数量 |   |  | Remark<br>备注            |  |   |  |

|     |      |          |             |                                                                                                     |                  |         |                           |                                                                                                                                                          |            |                                                                                       |                         |  |
|-----|------|----------|-------------|-----------------------------------------------------------------------------------------------------|------------------|---------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|-------------------------|--|
| A4  |      |          |             | <br>台普<br>ROCPCU | COMMON TOLERANCE |         | UNIT                      | MM                                                                                                                                                       | PROJECTED  |  | PRODUCT NAME:           |  |
| A3  |      |          |             |                                                                                                     |                  |         | DRAWN BY                  | FUYUAN                                                                                                                                                   | CHECKED BY | COCO                                                                                  | MODEL NO: TP91610G224RA |  |
| A2  |      |          |             |                                                                                                     | X.XX ± 0.10      |         | DATE                      | 2019                                                                                                                                                     | APPROVAL B | ALEN                                                                                  | Https: www.rocpcu.tw    |  |
| A1  |      |          |             |                                                                                                     | X.X ± 0.15       |         | ROCPCU TECHNOLOGY CO.,LTD |                                                                                                                                                          |            |                                                                                       |                         |  |
|     |      |          |             |                                                                                                     | X ± 0.25         |         |                           |                                                                                                                                                          |            |                                                                                       |                         |  |
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|---|--|---|--|---|--|---|--|---|--|---|--|---|--|
| A |  | B |  | C |  | D |  | E |  | F |  | G |  |
|---|--|---|--|---|--|---|--|---|--|---|--|---|--|