



TP991604P □ □ □ □

Operation method

- 1: Self-locking
- 2: Self-compound

LED voltage

- 3: 3V
- 6: 6V
- 12: 12V
- 24: 24V
- 36: 36V
- 48: 48V
- 60: 60V
- 110: 110V
- 220: 220V

Material

- A: Aluminum alloy
- S: Stainless steel
- B: Brass

LED Color

- R: Red
- Y: Yellow
- G: Green
- B: Blue
- W: White
- O: Orange

连接形式



1. Welding temperature of wire:  $320 \pm 20$  °C  
 线材焊接温度:  $320 \pm 20$  °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 Switch function wire: Blue wire (NO) (1.0<sup>2</sup>mm)  
 开关功能线材: 蓝线 (NO) (1.0<sup>2</sup>mm)
  - 2.2 LED functional wire: red wire positive pole black wire negative pole (0.5<sup>2</sup>mm)  
 LED功能线材: 红线正极 黑线负极 (0.5<sup>2</sup>mm)
  - 2.3 LED is an electrodeless lamp bead that can be lit without the need to separate positive and negative poles  
 LED为无极灯珠, 无需分正负极也可点亮

性能参数



1. Heating current: Ui: AC250V, Ith: 10A  
 发热电流: Ui: AC250V, Ith: 10A
2. Rated current: 10A, AC110V/220V  
 10A, DC12V/24V  
 额定电流: 10A, AC110V/220V  
 10A, DC12V/24V
3. Power-frequency withstand voltage: 1500V/1min  
 工频耐压: 1500V/1min
4. Insulation resistance:  $\geq 1000$  MΩ  
 绝缘电阻:  $\geq 1000$  MΩ
5. Contact resistance:  $\leq 50$  mΩ  
 接触电阻:  $\leq 50$  mΩ
6. Pressing stroke: 4.00mm  $\pm$  0.10  
 按压行程: 4.00mm  $\pm$  0.10
7. Contact stroke: 1.20mm  $\pm$  0.10  
 接触行程: 1.20mm  $\pm$  0.10
8. Nut assembly torque: 5-14N.m  
 螺帽装配力矩: 5-14N.m
9. Protection level: IP67

防护等级: IP67

10. Explosion prevention level: IK10  
 防暴等级: IK10
11. Working environment temperature: -40 °C ~ +80 °C  
 工作环境温度: -40 °C ~ +80 °C
12. Compression torque:  $\leq 5.0$  N  
 按压扭力:  $\leq 5.0$  N
13. Electrical life: 50,000 cycles  
 电气寿命: 50,000 cycles
14. Mechanical: 500,000 cycles  
 机械寿命: 500,000 cycles
15. LED lamp power consumption: 20mA以下  
 LED灯功耗: 20mA以下
16. LED lamp lifespan: 40000h  
 LED寿命: 40000h
17. NO reverse thrust foot torque:  $\leq 30$  N  
 NO反推脚扭力:  $\leq 30$  N

A4				 <b>ROCPCU</b>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3					X.XX	$\pm 0.10$	DRAWN BY	SHUHAO	CHECKED BY	COCO	MODEL NO: TP991604P □ □ □ □
A2					X.X	$\pm 0.15$	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw
A1					X	$\pm 0.25$	ROCPCU TECHNOLOGY CO., LTD				
REV	DATE	REVISION	DESCRIPTION		ISSUE	ANGULAR					

NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注
1	Key 按键	SUS/Aluminum alloy/Brass 不锈钢/铝合金/黄铜	1	
2	Housing 外壳	SUS/Aluminum alloy/Brass 不锈钢/铝合金/黄铜	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	Contact material 接触材质	silver alloy 银合金	1	Silvering 镀银
6	NOPin NO引脚	Brass 黄铜	1	gold-plating 镀金
7	Base 底座	PBT	1	
8	LEDpin LED引脚	Brass 黄铜	1	Silvering 镀银
9	luminous zone 发光区	PC 塑胶	1	

A4				 <b>台普</b> <b>ROCPCU</b>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
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