

A4				
A3				
A2				
A1				
REV	DATE	REVISION	DESCRIPTION	ISSUE



COMMON TOLERANCE	
X.XX	± 0.10
X.X	± 0.15
X	± 0.25
ANGULAR	—

UNIT	MM	PROJECTED	
DRAWN BY	SHUHAO	CHECKED BY	COCO
DATE	2019	APPROVAL	B ALEN
ROCPCU TECHNOLOGY CO.,LTD			

PRODUCT NAME:	
MODEL NO:	TP91205P□□□□
Https:	www.rocpcu.tw
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TP91205P □ □ □ □

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: $320 \pm 20 \text{ }^\circ\text{C}$
 线材焊接温度: $320 \pm 20 \text{ }^\circ\text{C}$
 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: green (C) blue wire (NO) yellow wire (NC)
 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
 LED功能线材: 红线正极, 黑线负极, LED不分正负极

性能参数

1. Heating current: $U_i: AC250V, I_{th}: 3A$
 发热电流: $U_i: AC250V, I_{th}: 3A$
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: $\geq 1000M\Omega$
 绝缘电阻: $\geq 1000M\Omega$
5. Contact resistance: $\leq 50m\Omega$
 接触电阻: $\leq 50m\Omega$
6. Pressing stroke: $1.80mm \pm 0.10$
 按压行程: $1.80mm \pm 0.10$
7. Contact stroke: $0.60mm \pm 0.10$
 接触行程: $0.60mm \pm 0.10$
8. welding temperature: $320 \text{ }^\circ\text{C} \pm 20 \text{ }^\circ\text{C}$
 焊接温度: $320 \text{ }^\circ\text{C} \pm 20 \text{ }^\circ\text{C}$
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: IP65
12. Explosion prevention level: IK08
 防暴等级: IK08
13. Working environment temperature: $-20 \text{ }^\circ\text{C} \sim +55 \text{ }^\circ\text{C}$
 工作环境温度: $-20 \text{ }^\circ\text{C} \sim +55 \text{ }^\circ\text{C}$
14. Compression torque: $\leq 3N$
 按压扭力: $\leq 3N$
15. Electrical life: 100000 cycles
 电气寿命: 100000 cycles
16. mechanical: 5000000cycles
 机械寿命: 5000000cycles
17. NO reverse thrust foot torque: $\leq 30N$
 NO反推脚扭力: $\leq 30N$
18. LED lamp power consumption: 20m以下
 LED灯功耗: 20m以下
19. LED lamp lifespan: 40000h
 LED寿命: 40000h

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	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/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	Base 基座	PBT	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	LEDpin LED脚	Brass 黄铜	1	Silvering 镀银
9	luminous zone 发光区	PC 塑料	1	

材质参数

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