



A4				 台普 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3					X.XX	± 0.10	DRAWN BY	SHUHAO	CHECKED BY	COCO	MODEL NO: TP91207G□□□□
A2					X.X	± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw
A1					X	± 0.25	<h1>ROCPCU TECHNOLOGY CO.,LTD</h1>				
REV	DATE	REVISION	DESCRIPTION		ISSUE	ANGULAR					

TP91207G□□□□

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: $\geq 1000\text{M}\Omega$
 绝缘电阻: $\geq 1000\text{M}\Omega$
5. Contact resistance: $\leq 50\text{m}\Omega$
 接触电阻: $\leq 50\text{m}\Omega$
6. Pressing stroke: $1.80\text{mm} \pm 0.10$
 按压行程: $1.80\text{mm} \pm 0.10$
7. Contact stroke: $0.60\text{mm} \pm 0.10$
 接触行程: $0.60\text{mm} \pm 0.10$
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: $\leq 3\text{N}$
 按压扭力: $\leq 3\text{N}$
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: $\leq 30\text{N}$
 NO反推脚扭力: $\leq 30\text{N}$
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	

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



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ANGULAR	—

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