



A4				 <b>台普</b> <b>ROCPCU</b>	COMMON TOLERANCE X.XX ± 0.10 X.X ± 0.15 X ± 0.25 ANGULAR —	UNIT	MM	PROJECTED		PRODUCT NAME:	
A3						DRAWN BY	SHUHAO	CHECKED BY	COCO	MODEL NO: TP91907P□□	
A2						DATE	2019	APPROVAL	B	ALEN	Https: www.rocpcu.tw
A1						<h1>ROCPCU TECHNOLOGY CO., LTD</h1>					
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				

# TP91907P

Operation method

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

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



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 Line (C), blue Line (NO), yellow Line (NC)  
 开关功能线材: 绿线(C)、蓝线(NO)、黄线(NC)

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: 1500V1min  
 工频耐压: 1500V1min
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:  $2.50 \text{mm} \pm 0.10$   
 按压行程:  $2.50 \text{mm} \pm 0.10$
7. Contact stroke:  $1.50 \text{mm} \pm 0.10$   
 接触行程:  $1.50 \text{mm} \pm 0.10$
8. Nut assembly torque: 5-14N

- 螺帽装配力矩: 5-14N
9. Protection level: IP67  
 防护等级: IP67
10. Explosion prevention level: IK10  
 防暴等级: IK10
11. Working environment temperature:  $-20 \text{ }^\circ\text{C} \sim +55 \text{ }^\circ\text{C}$   
 工作环境温度:  $-20 \text{ }^\circ\text{C} \sim +55 \text{ }^\circ\text{C}$
12. Compression torque:  $\leq 4 \text{N}$   
 按压扭力:  $\leq 4 \text{N}$
13. Electrical life: 500000 cycles  
 电气寿命: 500000 cycles
14. mechanical: 500000cycles  
 机械寿命: 500000cycles
15. NO reverse thrust foot torque:  $\leq 30 \text{N}$   
 NO反推脚扭力:  $\leq 30 \text{N}$

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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	LED Base LED基座	PC 塑料	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

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