



A4				 <b>台普</b> <b>ROCPCU</b>	COMMON TOLERANCE	UNIT	MM	PROJECTED		PRODUCT NAME:
A3						DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91927P1A
A2					DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw	
A1					<b>ROCPCU TECHNOLOGY CO.,LTD</b>					
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					



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: 2000V/1min  
工频耐压: 2000V/1min
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:  $2.80\text{mm} \pm 0.10$   
按压行程:  $2.80\text{mm} \pm 0.10$
7. Contact stroke:  $1.50\text{mm} \pm 0.10$   
接触行程:  $1.50\text{mm} \pm 0.10$
8. 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: IP67
12. Explosion prevention level: IK10  
防暴等级: IK10

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: Blue wire (NO)  
开关功能线材: 蓝线 (NO)

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:  $\leq 4\text{N}$   
按压扭力:  $\leq 4\text{N}$
15. Electrical life: 500000 cycles  
电气寿命: 500000 cycles
16. mechanical: 500000 cycles  
机械寿命: 500000 cycles
17. Operation method: Self-locking type  
操作方式: 自锁式
18. NO reverse thrust foot torque:  $\leq 30\text{N}$   
NO反推脚扭力:  $\leq 30\text{N}$

A4				 <b>台普</b> <b>ROCPCU</b>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3					X.XX	$\pm 0.10$	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91927P1A
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					
	A		B		C		D	E	F	G	

## 材质参数

7	Pin 引脚	Brass 黄铜	1	Silvering 镀银	
6	Contact material 接触材质	silver alloy 银合金	1	Silvering 镀银	
5	Base 基座	PA66	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	Aluminum alloy 铝合金	1	Oxidized/Black 氧化/黑色	
1	Key 按键	Aluminum alloy 铝合金	1	Oxidized/Black 氧化/黑色	
NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注	

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A2					± 0.10	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw
A1					X.X	ROCPCU TECHNOLOGY CO.,LTD				
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