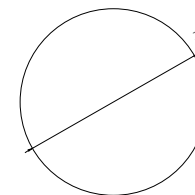


Single color electrical schematic diagram  
单色电气原理图



Installation View  
安装视图

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		PRODUCT NAME:
DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92247G224RS
DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw

**ROCPCU TECHNOLOGY CO.,LTD**

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
## 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: 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:  $2.50mm \pm 0.10$   
按压行程:  $2.50mm \pm 0.10$
7. Contact stroke:  $1.50mm \pm 0.10$   
接触行程:  $1.50mm \pm 0.10$
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:  $-20^\circ C \sim +55^\circ C$   
工作环境温度:  $-20^\circ C \sim +55^\circ C$
12. Compression torque:  $\leq 6N$   
按压扭力:  $\leq 6N$

## 连接形式


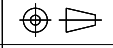
1. Welding temperature of wire:  $320 \pm 20^\circ C$   
线材焊接温度:  $320 \pm 20^\circ C$   
Wire welding duration: less than 3 seconds  
线材焊接时长: 时长3秒以下
2. Can be used with dedicated connectors:  
可配专用接插件使用:
  - 2.1 Switch function wire: green (C) blue wire (NO) yellow wire (NC)  
开关功能线材: 绿色(C) 蓝线(NO) 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

13. Electrical life: 500000 cycles  
电气寿命: 500000 cycles
14. mechanical: 500000cycles  
机械寿命: 500000cycles
15. Operation method: Self compound  
操作方式: 自复式
16. NO reverse thrust foot torque:  $\leq 30N$   
NO反推脚扭力:  $\leq 30N$
17. LED lamp power consumption: 20m以下  
LED灯功耗: 20m以下
18. LED lamp lifespan: 40000h  
LED寿命: 40000h
19. LED color: Red  
LED颜色: 红色

A4					COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:	
A3					X.XX	$\pm 0.10$	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92247G224RS	
A2					X.X	$\pm 0.15$	DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw	
A1					X	$\pm 0.25$	<h1>ROCPU TECHNOLOGY CO.,LTD</h1>					
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	A		B		C		D		E		F	G

## 材质参数

10	luminous zone 发光区	PC 塑料	1	
9	LEDpin LED脚	Brass 黄铜	1	Silvering 镀银
8	Base 底座	PA46	1	
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	LED Base LED基座	PC 塑料	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 不锈钢	1	
1	Key 按键	SUS 不锈钢	1	
NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注

A4				 <p style="font-weight: bold; margin: 0;">台普 ROCPU</p>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3					X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92247G224RS
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REV	DATE	REVISION	DESCRIPTION		ISSUE	ANGULAR	—	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			
	A		B		C		D	E	F	G	