



Single color electrical schematic diagram
单色电气原理图

Installation View
安装视图

A4				 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3							DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92508P224RA
A2					X.XX	± 0.10	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw
A1					X.X	± 0.15	ROCPCU TECHNOLOGY CO.,LTD				
REV	DATE	REVISION	DESCRIPTION		ISSUE	X					
					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

A		B		C		D		E		F		G														
1	性能参数																									
	1. Heating current: Ui: AC250V, Ith: 5A 发热电流: Ui: AC250V, Ith: 5A						13. Working environment temperature: -20 °C~+55 °C 工作环境温度: -20 °C~+55 °C																			
	2. Rated current:3A/DC36V 额定电流:3A/DC36V						14. Compression torque: ≤ 4.00N 按压扭力: ≤4.00N																			
2	3. Power-frequency withstand voltage:2000V1min 工频耐压:2000V1min						15. Electrical life: 100000 cycles 电气寿命: 100000 cycles																			
	4. Insulation resistance:≥1000MΩ 绝缘电阻 :≥1000MΩ						16. mechanical: 500000cycles 机械寿命: 500000cycles																			
	5. Contact resistance:≤50mΩ 接触电阻 :≤50mΩ						17. Operation method:Self repeating form 操作方式: 自复式																			
3	6. Pressing stroke:2.50mm ± 0.10 按压行程:2.50mm ± 0.10						18. LED lamp power consumption: 20m以下 LED灯功耗: 20m以下																			
	7. Contact stroke:1.50mm±0.10 接触行程 :1.50mm±0.10						19. LED lamp lifespan: 40000h LED寿命: 40000h																			
	8. welding temperature: 320 °C± 20 °C 焊接温度: 320 °C± 20 °C						20. LED color: Red LED颜色: 红色																			
4	9. Welding duration: Less than 3 seconds in duration 焊接时长: Less than 3 seconds in duration						21. LED Lamp Voltage: 24V LED灯电压: 24V																			
	10. Nut assembly torque:5-14N 螺帽装配力矩:5-14N						22. NO reverse thrust foot torque: ≤30N NO反推脚扭力: ≤30N																			
	11. Protection level:IP67 防护等级:IP67																									
5	12. Explosion prevention level: IK10 防暴等级: IK10																									
	连接形式																									
	1. Welding temperature of wire: 320 ± 20 °C 线材焊接温度: 320±20°C Wire welding duration: less than 3 seconds 线材焊接时长: 时长3秒以下																									
6	2. Can be used with dedicated connectors: 可配专用接插件使用:																									
	2.1 1NO1NC开关功能线材Switch function wire: green (C) blue wire (NO) yellow wire (NC) 1NO1NC开关功能线材: 绿色(C) 蓝线 (NO) 黄线 (NC)																									
	2.2 2NO2NC switch function wire: green black wire (C), blue black wire (NO), yellow white wire (NC) 2NO2NC开关功能线材: 绿黑线 (C)、蓝黑线 (NO)、黄白线 (NC)																									
7	2.3 LED functional wire: red wire positive pole black wire negative pole LED without distinguishing positive and negative poles LED功能线材: 红线正极 黑线负极 LED不分正负极																									
8	A4				 台普 ROC CPU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:														
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9	A1				 台普 ROC CPU	ANGULAR		ROC CPU TECHNOLOGY CO.,LTD 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																		
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材质参数																																																	
10					luminous zone 发光区					PC 塑胶					1																																		
9					LEDpin LED引脚					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 塑胶					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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