



Single color electrical schematic diagram
单色电气原理图

Installation View
安装视图

A4				 台普 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:	
A3							DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92216G124RA	
A2					X.XX	± 0.10	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw	
A1					X.X	± 0.15	ROCPCU TECHNOLOGY CO.,LTD					
					X	± 0.25						
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

	A	B	C	D	E	F	G		
1	性能参数			13. Electrical life: 100000 cycles 电气寿命: 100000 cycles					
	1. Heating current: Ui: AC250V, Ith: 5A 发热电流: Ui: AC250V, Ith: 5A			14. mechanical: 500000cycles 机械寿命: 500000cycles					
	2. Rated current:3A/DC36V 额定电流:3A/DC36V			15. Operation method:Self-locking 操作方式: 自锁式					
	3. Power-frequency withstand voltage:2000V1min 工频耐压:2000V1min			16. LED lamp power consumption: 20m以下 LED灯功耗: 20m以下					
	4. Insulation resistance:≥1000MΩ 绝缘电阻 :≥1000MΩ			17. LED lamp lifespan: 40000h LED寿命: 40000h					
	5. Contact resistance:≤50mΩ 接触电阻 :≤50mΩ			18. LED color: Red LED颜色: 红色					
2	6. Pressing stroke:3.00mm ± 0.10 按压行程:3.00mm ± 0.10			19. LED Lamp Voltage: 24V LED灯电压: 24V					
	7. Contact stroke:1.50mm±0.10 接触行程 :1.50mm±0.10			20. NO reverse thrust foot torque: ≤30N NO反推脚扭力: ≤30N					
	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 ℃~+55 ℃ 工作环境温度: -20 ℃~+55 ℃								
3	12. Compression torque: ≤6N 按压扭力: ≤6N								
	连接形式								
	1. Welding temperature of wire: 320 ± 20 ℃ 线材焊接温度: 320±20℃ 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:								
4	2.1 1NO1NC 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								
	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								
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	A1				ROC PU TECHNOLOGY CO.,LTD				
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A		B		C		D		E		F		G	
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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