



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: TP92216G224RA
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					
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	A	B	C	D	E	F	G		
性能参数	1.	Heating current: Ui: AC250V, Ith: 5A 发热电流: Ui: AC250V, Ith: 5A			13.	Electrical life: 100000 cycles 电气寿命: 100000 cycles			
	2.	Rated current:3A/DC36V 额定电流:3A/DC36V			14.	mechanical: 500000cycles 机械寿命: 500000cycles			
	3.	Power-frequency withstand voltage:2000V1min 工频耐压:2000V1min			15.	Operation method:Self repeating form 操作方式: 自复式			
	4.	Insulation resistance:≥1000MΩ 绝缘电阻 :≥1000MΩ			16.	LED lamp power consumption: 20m以下 LED灯功耗: 20m以下			
	5.	Contact resistance:≤50mΩ 接触电阻 :≤50mΩ			17.	LED lamp lifespan: 40000h LED寿命: 40000h			
	6.	Pressing stroke:2.50mm ± 0.10 按压行程:2.50mm ± 0.10			18.	LED color: Red LED颜色: 红色			
	7.	Contact stroke:1.50mm±0.10 接触行程 :1.50mm±0.10			19.	LED Lamp Voltage: 24V LED灯电压: 24V			
	8.	Nut assembly torque:5-14N 螺帽装配力矩:5-14N			20.	NO reverse thrust foot torque: ≤30N NO反推脚扭力: ≤30N			
	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 ℃							
	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:								
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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A2					DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw
A1					ROC CPU TECHNOLOGY CO.,LTD				
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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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