



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					X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY		COCO
A2					X.X	± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw
A1					X	± 0.25	<b>ROCPCU TECHNOLOGY CO.,LTD</b>				
REV	DATE	REVISION	DESCRIPTION		ISSUE	ANGULAR					



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:≥1000MΩ  
绝缘电阻 :≥1000MΩ
5. Contact resistance:≤50mΩ  
接触电阻 :≤50mΩ
6. Pressing stroke:3.00mm ± 0.10  
按压行程:3.00mm ± 0.10
7. Contact stroke:1.50mm±0.10  
接触行程 :1.50mm±0.10
8. welding temperature: 320 °C± 20 °C  
焊接温度: 320 °C± 20 °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.m  
螺帽装配力矩:5-14N.m
11. Protection level:IP67  
防护等级:IP67
12. Explosion prevention level: IK10  
防暴等级: IK10



13. Working environment temperature: -20 °C~+55 °C  
工作环境温度: -20 °C~+55 °C
14. Compression torque: ≤ 2.5N  
按压扭力: ≤2.5N
15. Electrical life: 50,000 cycles  
电气寿命: 50,000 cycles
16. Mechanical: 500,000cycles  
机械寿命: 500,000cycles
17. Operation method:Self-locking type  
操作方式: 自锁式
18. LED lamp power consumption: 20mA以下  
LED灯功耗: 20mA以下
19. LED lamp lifespan: 40000h  
LED寿命: 40000h
20. LED color: Red  
LED颜色: 红色
21. LED Lamp Voltage: 24V  
LED灯电压: 24V
22. NO reverse thrust foot torque: ≤30N  
NO反推脚扭力: ≤30N

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
2. Can be used with dedicated connectors:  
可配专用接插件使用:
  - 2.1 Switch function wire: Green Line (C) Blue Line (NO) Yellow Line (NC)  
开关功能线材: 绿线 (C) 蓝线 (NO) 黄线 (NC)
  - 2.2 LED functional wire: red wire positive pole black wire negative pole  
LED功能线材: 红线正极 黑线负极
  - 2.3 LED is an electrodeless lamp bead that can be lit without the need to separate positive and negative poles  
LED为无极灯珠, 无需分正负极也可点亮

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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	—					

NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注
9	luminous zone 发光区	PC 塑胶	1	
8	LEDpin LED引脚	Brass 黄铜	1	Silvering 镀银
7	Base 底座	PA46	1	
6	NOPin NO引脚	Brass 黄铜	1	gold-plating 镀金
5	Contact material 接触材质	silver alloy 银合金	1	Silvering 镀银
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
1	Key 按键	Aluminum alloy 铝合金	1	Oxidized black 氧化黑

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