

Schematic Diagram
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	
DRAWN BY	FUYUAN	CHECKED BY	COCO
DATE	2019	APPROVAL	B ALEN

PRODUCT NAME:
MODEL NO: TP991602P124RS
Https: www.rocpcu.tw

ROCPCU TECHNOLOGY CO., LTD

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性能参数

1. Heating current: Ui: AC250V, Ith: 10A
发热电流: Ui: AC250V, Ith: 10A
2. Rated current:10A,AC110V/220V
10A,DC12V/24V
额定电流:10A,AC110V/220V
10A,DC12V/24V
3. Power-frequency withstand voltage:1500V/1min
工频耐压:1500V/1min
4. Insulation resistance:≥1000MΩ
绝缘电阻 :≥1000MΩ
5. Contact resistance:≤50mΩ
接触电阻 :≤50mΩ
6. Pressing stroke:4.00mm ± 0.10
按压行程:4.00mm ± 0.10
7. Contact stroke:1.20mm±0.10
接触行程 :1.20mm±0.10
8. Nut assembly torque:5-14N.m
螺帽装配力矩:5-14N.m
9. Protection level:IP67
防护等级:IP67
10. Explosion prevention level: IK10
防暴等级: IK10
11. Working environment temperature: -40 °C~+80 °C
工作环境温度: -40 °C~+80 °C



12. Compression torque: ≤ 5.0N
按压扭力: ≤5.0N
13. Electrical life: 50,000 cycles
电气寿命: 50,000 cycles
14. Mechanical: 500,000cycles
机械寿命: 500,000cycles
15. Operation method:self-locking
操作方式: 自锁式
16. LED lamp power consumption: 20mA以下
LED灯功耗: 20mA以下
17. LED lamp lifespan: 40000h
LED寿命: 40000h
18. LED color: Red
LED颜色: 红色
19. LED Lamp Voltage: 24V
LED灯电压: 24V
20. 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: Blue wire (NO) (1.0²mm)
开关功能线材: 蓝线 (NO) (1.0²mm)
 - 2.2 LED functional wire: red wire positive pole black wire negative pole(0.5²mm)
LED功能线材: 红线正极 黑线负极 (0.5²mm)
 - 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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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	PBT	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	SUS 不锈钢	1	
1	Key 按键	SUS 不锈钢	1	

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	A		B		C		D	E	F	G	