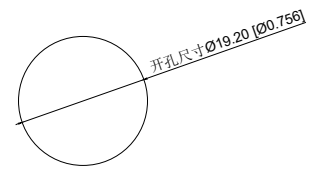
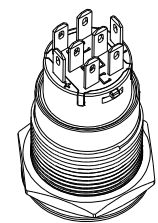


Single color electrical schematic diagram
单色电气原理图



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		PRODUCT NAME:
DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91914P124GS
DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw

ROCPCU TECHNOLOGY CO.,LTD

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
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: 2000V1min
工频耐压: 2000V1min
4. Insulation resistance: $\geq 1000M\Omega$
绝缘电阻: $\geq 1000M\Omega$
5. Contact resistance: $\leq 50m\Omega$
接触电阻: $\leq 50m\Omega$
6. Pressing stroke: $2.50mm \pm 0.10$
按压行程: $2.50mm \pm 0.10$
7. Contact stroke: $1.50mm \pm 0.10$
接触行程: $1.50mm \pm 0.10$
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: $-20^{\circ}C \sim +55^{\circ}C$
工作环境温度: $-20^{\circ}C \sim +55^{\circ}C$
12. Compression torque: $\leq 4N$
按压扭力: $\leq 4N$

连接形式


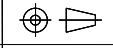
1. Welding temperature of wire: $320 \pm 20^{\circ}C$
线材焊接温度: $320 \pm 20^{\circ}C$
Wire welding duration: less than 3 seconds
线材焊接时长: 时长3秒以下
2. Can be used with dedicated connectors:
可配专用接插件使用:
 - 2.1 1NO1NC Switch function wire: green (C) blue wire (NO) yellow wire (NC)
1NO1NC 开关功能线材: 绿色(C) 蓝线(NO) 黄线(NC)
 - 2.2 2NO2NC switch function wire: red positive pole, black negative pole, LED without distinguishing positive and negative poles
2NO2NC 开关功能线材: 红色正极、黑色负极、LED不分正负极
 - 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

13. Electrical life: 100000 cycles
电气寿命: 100000 cycles
14. mechanical: 500000 cycles
机械寿命: 500000 cycles
15. Operation method: Self-locking
操作方式: 自锁式
16. LED lamp power consumption: 20m以下
LED灯功耗: 20m以下
17. LED lamp lifespan: 40000h
LED寿命: 40000h
18. LED color: Green
LED颜色: 绿色
19. LED Lamp Voltage: 24V
LED灯电压: 24V
20. NO reverse thrust foot torque: $\leq 30N$
NO反推脚扭力: $\leq 30N$

A4				 台普 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:	
A3					X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91914P124GS	
A2					X.X	± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw	
A1					X	± 0.25	ROCPCU TECHNOLOGY CO., LTD					
REV	DATE	REVISION	DESCRIPTION		ISSUE	ANGULAR						Copies are issued in strict confidence and shall not be reproduced or copied, or used as the basis of manufacture or sale of apparatus without permission
	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	SUS 不锈钢	1	
1	Key 按键	SUS 不锈钢	1	
NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注

A4			 <p style="font-weight: bold; font-size: 1.2em;">台普 ROCPU</p>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3				X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91914P124GS
A2				X.X	± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw
A1				X	± 0.25	ROCPU TECHNOLOGY CO.,LTD				
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