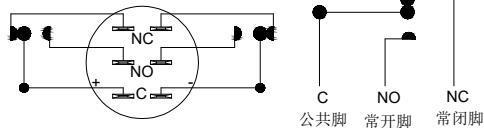


Installation View
安装视图



Electrical principles without lights
无灯电气原理

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: TP91909P1A
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: 3.00mm \pm 0.10
按压行程: 3.00mm \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 $^{\circ}C$ ~ +55 $^{\circ}C$
工作环境温度: -20 $^{\circ}C$ ~ +55 $^{\circ}C$
12. Compression torque: $\leq 6N$
按压扭力: $\leq 6N$



13. Electrical life: 500000 cycles
电气寿命: 500000 cycles
14. mechanical: 500000cycles
机械寿命: 500000cycles
15. Operation method: Self-locking type
操作方式: 自锁式
16. NO reverse thrust foot torque: $\leq 30N$
NO反推脚扭力: $\leq 30N$

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 1NO1NCSwitch function wire: Green Line (C), blue Line (NO), yellow Line (NC)
1NO1NC开关功能线材: 绿线(C)、蓝线(NO)、黄线(NC)
 - 2.2 NO2NC 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)

A4				 台普 ROCPCU	COMMON TOLERANCE	UNIT	MM	PROJECTED		PRODUCT NAME:		
A3						DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91909P1A		
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	± 0.25					
					ANGULAR	—						

NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注
1	Key 按键	Aluminum alloy 铝合金	1	Oxidized/Black 氧化/黑色
2	Housing 外壳	Aluminum alloy 铝合金	1	Oxidized/Black 氧化/黑色
3	Oring O型圈	Silica gel 硅胶	1	
4	Arm nut 固定螺帽	Brass 黄铜	1	nickeling 镀镍
5	LED Base LED基座	PC 塑料	1	
6	Contact material 接触材质	silver alloy 银合金	1	Silvering 镀银
7	Pin 引脚	Brass 黄铜	1	gold-plating 镀金
8	Base 底座	PA46	1	

A4				 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3					X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91909P1A
A2					X.X	± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw
A1					X	± 0.25	ROCPCU TECHNOLOGY CO.,LTD				
REV	DATE	REVISION	DESCRIPTION		ISSUE	ANGULAR					

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