



A4				 台普 ROCPCU	COMMON TOLERANCE X.XX ± 0.10 X.X ± 0.15 X ± 0.25 ANGULAR —	UNIT	MM	PROJECTED		PRODUCT NAME:	
A3							DRAWN BY	SHUHAO	CHECKED BY	COCO	MODEL NO: TP991904P□□
A2							DATE	2019	APPROVAL	B ALEN	Https: www.rocpcu.tw
A1							ROCPCU TECHNOLOGY CO., LTD				
REV	DATE	REVISION	DESCRIPTION			ISSUE	Copies are issued in strict confidence and shall not be reproduced or copied, or used as the basic of manufacture or sale of apparatus without permission				

TP991904P

Operation method Material

- 1:Self-locking
- 2:Self-compound

- A: Aluminum alloy
- S: Stainless steel
- B: Brass



连接形式

1. Welding temperature of wire: $320 \pm 20 \text{ }^\circ\text{C}$
 线材焊接温度: $320 \pm 20 \text{ }^\circ\text{C}$
 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)



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: $\geq 1000 \text{ M}\Omega$
 绝缘电阻: $\geq 1000 \text{ M}\Omega$
5. Contact resistance: $\leq 50 \text{ m}\Omega$
 接触电阻: $\leq 50 \text{ m}\Omega$
6. Pressing stroke: $4.00 \text{ mm} \pm 0.10$
 按压行程: $4.00 \text{ mm} \pm 0.10$
7. Contact stroke: $1.20 \text{ mm} \pm 0.10$
 接触行程: $1.20 \text{ mm} \pm 0.10$
8. welding temperature: $320 \text{ }^\circ\text{C} \pm 20 \text{ }^\circ\text{C}$
 焊接温度: $320 \text{ }^\circ\text{C} \pm 20 \text{ }^\circ\text{C}$

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: $-40 \text{ }^\circ\text{C} \sim +80 \text{ }^\circ\text{C}$
 工作环境温度: $-40 \text{ }^\circ\text{C} \sim +80 \text{ }^\circ\text{C}$
14. Compression torque: $\leq 5.0 \text{ N}$
 按压扭力: $\leq 5.0 \text{ N}$
15. Electrical life: 50,000 cycles
 电气寿命: 50,000 cycles
16. Mechanical: 500,000 cycles
 机械寿命: 500,000 cycles
17. NO reverse thrust foot torque: $\leq 30 \text{ N}$
 NO反推脚扭力: $\leq 30 \text{ N}$

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NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注
1	Key 按键	SUS/Aluminum alloy/Brass 不锈钢/铝合金/黄铜	1	
2	Housing 外壳	SUS/Aluminum alloy/Brass 不锈钢/铝合金/黄铜	1	
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	Contact material 接触材质	silver alloy 银合金	1	
6	NOPin NO引脚	Brass 黄铜	1	gold-plating 镀金
7	Base 底座	PBT	1	
8				
9				

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