



Schematic Diagram
电气原理图

Installation View
安装视图

A4				 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:	
A3							DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO:TP991603P1S	
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	_____	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					
					C		D	E	F	G		

A				B				C				D				E				F				G			
1	性能参数																				12. Compression torque: ≤ 5.0N 按压扭力: ≤5.0N						
	1. Heating current: Ui: AC250V, Ith: 10A 发热电流: Ui: AC250V, Ith: 10A																				13. Electrical life: 50,000 cycles 电气寿命: 50,000 cycles						
	2. Rated current:10A,AC110V/220V 10A,DC12V/24V 额定电流:10A,AC110V220V 10A,DC12V/24V																				14. Mechanical: 500, 000cycles 机械寿命: 500,000cycles						
	3. Power-frequency withstand voltage:1500V/1min 工频耐压:1500V/1min																				15. Operation method:self-locking 操作方式: 自锁式						
	4. Insulation resistance:≥1000MΩ 绝缘电阻 :≥1000MΩ																				16. NO reverse thrust foot torque: ≤30N NO反推脚扭力: ≤30N						
	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																										
2	10. Explosion prevention level: IK10 防暴等级: IK10																										
	11. Working environment temperature: -40 ℃~+80 ℃ 工作环境温度: -40 ℃~+80 ℃																										
	连接形式																										
	1. Welding temperature of wire: 320 ± 20 ℃ 线材焊接温度: 320±20℃ 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)																										
5	A4				 台普 ROC PU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:															
	A3					X.XX	± 0.10	DRAWN BY		FUYUAN	CHECKED BY		COCO	MODEL NO: TP991603P1S													
	A2							DATE		2019	APPROVAL B		ALEN	Https: www.rocpu.tw													
	A1							X		± 0.15																	
	REV	DATE	REVISION	DESCRIPTION				ISSUE	ANGULAR		—																
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A				B				C				D				E				F				G			

A		B		C		D		E		F		G	
材质参数													
1	9												
	8												
2	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			
3	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						
4	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				 台普 ROC CPU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:		
A3							DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO:TP991603P1S		
A2					DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw				
A1					ROC CPU TECHNOLOGY CO.,LTD								
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