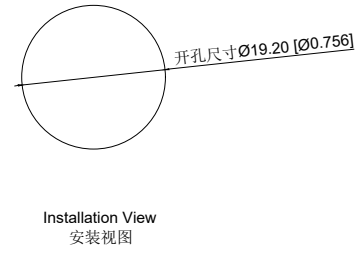
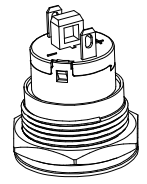


Schematic Diagram  
电气原理图



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:	TP91928G2A
Https:	www.rocpu.tw

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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:1500V1min  
工频耐压:1500V1min
4. Insulation resistance:≥1000MΩ  
绝缘电阻 :≥1000MΩ
5. Contact resistance:≤50mΩ  
接触电阻 :≤50mΩ
6. Pressing stroke:2.80mm ± 0.10  
按压行程:2.80mm ± 0.10
7. Contact stroke:1.00mm±0.10  
接触行程 :1.00mm±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: IK09  
防暴等级: IK09
11. Working environment temperature: -20 °C~+55 °C  
工作环境温度: -20 °C~+55 °C
12. Compression torque: ≤ 4N  
按压扭力: ≤4N

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)  
开关功能线材: 蓝线 (NO)

13. Electrical life: 500000 cycles 电气寿命 : 500000 cycles
14. mechanical: 500000cycles  
机械寿命: 500000cycles
15. Operation method:Self repeating form  
操作方式: 自复式
16. NO reverse thrust foot torque: ≤30N  
NO反推脚扭力: ≤30N

A4				 <b>ROCPCU</b>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3					X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91928G2A
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					

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	Base 基座	PA66	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	Silvering 镀银

材质参数

A4				 <b>ROCPCU</b>	<table border="1"> <tr> <th colspan="2">COMMON TOLERANCE</th> </tr> <tr> <td>X.XX</td> <td>± 0.10</td> </tr> <tr> <td>X.X</td> <td>± 0.15</td> </tr> <tr> <td>X</td> <td>± 0.25</td> </tr> <tr> <td>ANGULAR</td> <td>—</td> </tr> </table>	COMMON TOLERANCE		X.XX	± 0.10	X.X	± 0.15	X	± 0.25	ANGULAR	—	UNIT	MM	PROJECTED		PRODUCT NAME:
COMMON TOLERANCE																				
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A2				DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw												
A1				<b>ROCPCU TECHNOLOGY CO.,LTD</b>																
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