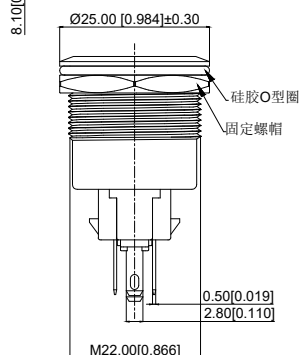
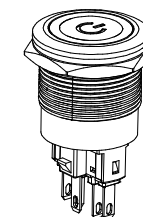
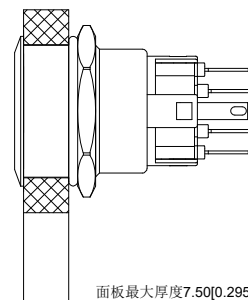
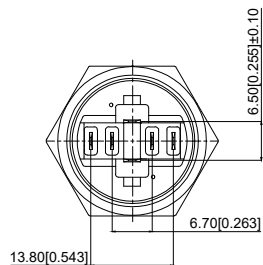
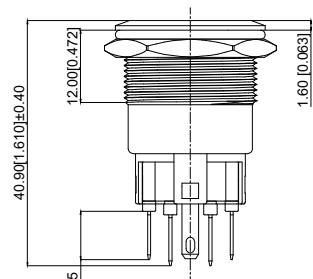
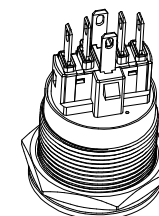
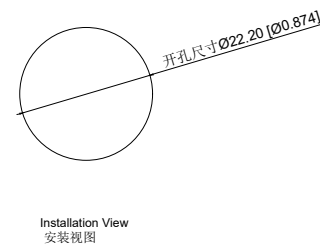


Single color electrical schematic diagram
单色电气原理图



A4				 台普 ROCpu	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3							DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92227P224RA5150
A2					X.XX	± 0.10	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw
A1					X.X	± 0.15	ROCpu TECHNOLOGY CO.,LTD				
REV	DATE	REVISION	DESCRIPTION	ISSUE	X	± 0.25					
					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			
1	性能参数				13. Electrical life: 100000 cycles 电气寿命: 100000 cycles					
	1. Heating current: Ui: AC250V, Ith: 5A 发热电流: Ui: AC250V, Ith: 5A				14. mechanical: 500000cycles 机械寿命: 500000cycles					
	2. Rated current:3A/DC36V 额定电流:3A/DC36V				15. Operation method:Self repeating form 操作方式: 自复式					
	3. Power-frequency withstand voltage:2000V1min 工频耐压:2000V1min				16. Power-frequency withstand voltage: 2000V/1min 工频耐压: 2000V/1min					
	4. Insulation resistance:≥1000MΩ 绝缘电阻 :≥1000MΩ				17. LED lamp power consumption: 20m以下 LED灯功耗: 20m以下					
2	5. Contact resistance:≤50mΩ 接触电阻 :≤50mΩ				18. LED lamp lifespan: 40000h LED寿命: 40000h					
	6. Pressing stroke:2.80mm ± 0.10 按压行程:2.80mm ± 0.10				19. LED color: Red LED颜色: 红色					
	7. Contact stroke:1.50mm±0.10 接触行程 :1.50mm±0.10				20. LED Lamp Voltage: 24V LED灯电压: 24V					
	8. Nut assembly torque:5-14N 螺帽装配力矩:5-14N				21. NO reverse thrust foot torque: ≤30N NO反推脚扭力: ≤30N					
	9. Protection level:IP67 防护等级:IP67									
	10. Explosion prevention level: IK10 防暴等级: IK10									
	11. Working environment temperature: -20 ℃~+55 ℃ 工作环境温度: -20 ℃~+55 ℃									
3	12. Compression torque: ≤ 3.5N 按压扭力: ≤3.5N									
	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:									
4	2.1 Switch function wire: green (C) blue wire (NO) yellow wire (NC) 开关功能线材: 绿色(C) 蓝线 (NO) 黄线 (NC)									
	2.2 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									
5	A4				UNIT	MM	PROJECTED		PRODUCT NAME:	
	A3				DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92227P224RA5150	
	A2				DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw	
	A1				ROCPU TECHNOLOGY CO.,LTD					
	REV	DATE	REVISION DESCRIPTION	ISSUE						
	A		B		C		D	E	F	G



COMMON TOLERANCE

X.XX	± 0.10
X.X	± 0.15
X	± 0.25
ANGULAR	—

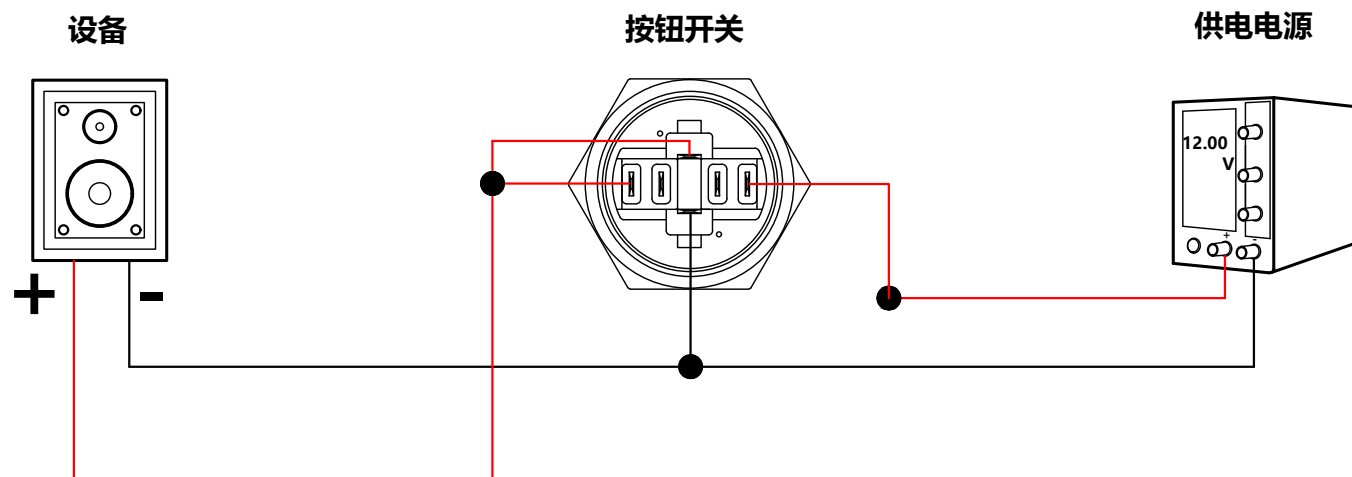
UNIT	MM	PROJECTED		PRODUCT NAME:
DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92227P224RA5150
DATE	2019	APPROVAL B	ALEN	Https: www.rocipu.tw
ROC PU TECHNOLOGY CO.,LTD				
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A		B		C		D		E		F		G	
材质参数													
10	luminous zone 发光区			PC 塑胶		1							
9	LEDpin LED引脚			Brass 黄铜		1		Silvering 镀银					
8	Base 底座			PA66		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							
5	LED Base LED基座			PA66		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			Aluminum alloy 铝合金		1		Oxidized/Black 氧化/黑色					
1	Key 按键			Aluminum alloy 铝合金		1		Oxidized/Black 氧化/黑色					
NO 序号	Part name 部件名			Material 材料		QTY 数量		Remark 备注					

A4				 台普 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:		
A3							DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92227P224RA5150		
A2					DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw				
A1					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 basic of manufacture or sale of apparatus without permission						
A		B		C		D		E		F		G	

	A	B	C	D	E	F	G																													
1	性能参数 1.L1-导线长度：默认150MM长； 2.L2-线头长度：默认10MM 3.L3-剥头长度：默认3MM 4.S-导线导体横截面积：默认0.5平方MM、可选0.3平方MM 5.线型拉力N：（0.15-0.25MM²）≤30N、（0.3MM²）≤40N、（0.5MM²）≤50N、（0.75MM²）≤60N 6.需要其他线长、线型、可以定制							1																												
2	材质参数 1.插壳：浅蓝色尼龙胶壳 2.端子：磷铜y镀锡色 3.导电线材：紫铜							2																												
3	线束使用说明 1.2线：用于单色的指示灯、无开关功能 2.4线：用于1N01NC开关、无指示灯功能 3.6线：用于1N01NC、单色指示灯带开关功能							3																												
4								4																												
5	A4				 台普 ROC CPU		<table border="1"> <tr> <td colspan="2">COMMON TOLERANCE</td> <td>UNIT</td> <td>MM</td> <td>PROJECTED</td> <td></td> <td>PRODUCT NAME:</td> </tr> <tr> <td></td> <td></td> <td>DRAWN BY</td> <td>FUYUAN</td> <td>CHECKED BY</td> <td>COCO</td> <td>MODEL NO: TP92227P224RA5150</td> </tr> <tr> <td></td> <td></td> <td>DATE</td> <td>2019</td> <td>APPROVAL B</td> <td>ALEN</td> <td>Https: www.rocpcu.tw</td> </tr> <tr> <td colspan="7"> ROCPCU TECHNOLOGY CO.,LTD 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 </td> </tr> </table>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:			DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92227P224RA5150			DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw	ROCPCU TECHNOLOGY CO.,LTD 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							5
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	A	B	C	D	E	F	G																													

22MM系列单色按钮开关接线说明



接线说明:

- 1、供电电源的负极、设备的负极、按钮开关的LED负极，并接一起。
- 2、供电电源的正极，按钮开关的最右边一只NO脚，并接一起。
- 3、设备的正极，按钮开关的最左边一只NO脚、按钮开关的LED正极，并接一起。

实现功能:

- 1、按钮开关**按下去**时: 设备**通电**, 按钮开关LED**灯亮**。
- 2、按钮开关**按回去**时: 设备**断电**, 按钮开关LED**灯灭**。

注: 说明图的电压为接线参考使用, 电源电压根据实际供电电压为准。

红线为正极 (火线)
黑线为负极 (零线)

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