

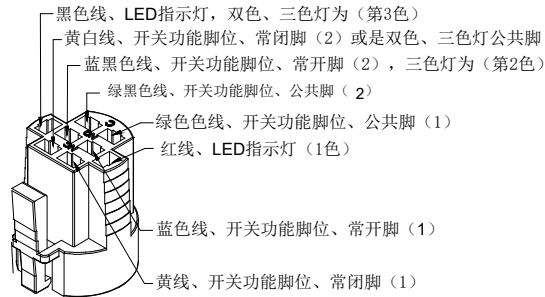
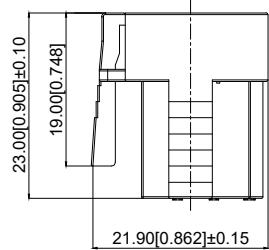
Single color electrical schematic diagram
单色电气原理图

A4				 台 普 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:	
A3							DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92505P224RA5150	
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	_____	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			D		E		F	G

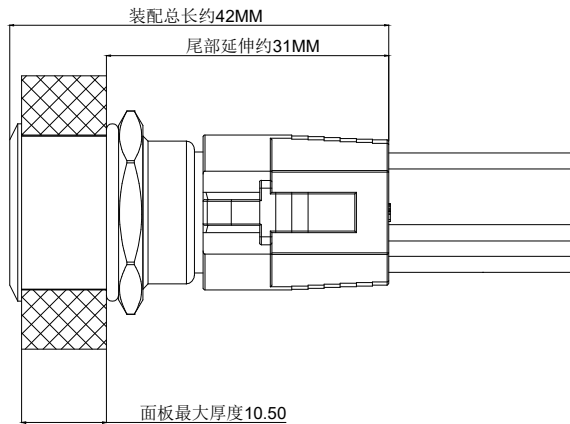
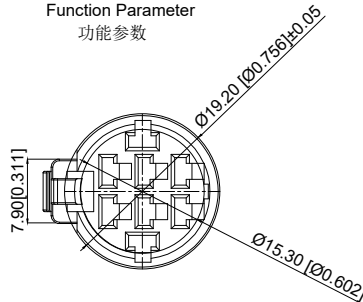
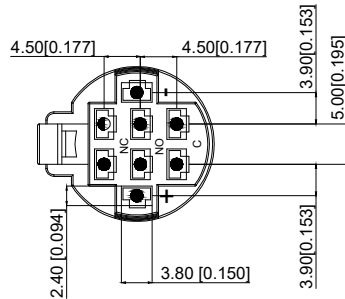
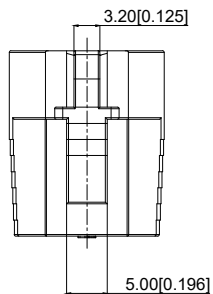
	A	B	C	D	E	F	G							
1	性能参数 1. Heating current: Ui: AC250V, Ith: 5A 发热电流: Ui: AC250V, Ith: 5A 2. Rated current:3A/DC36V 额定电流:3A/DC36V 3. Power-frequency withstand voltage:2000V1min 工频耐压:2000V1min 4. Insulation resistance:≥1000MΩ 绝缘电阻 :≥1000MΩ 5. Contact resistance:≤50mΩ 接触电阻 :≤50mΩ 6. Pressing stroke:2.50mm ± 0.10 按压行程:2.50mm ± 0.10 7. Contact stroke:1.50mm±0.10 接触行程 :1.50mm±0.10 8. welding temperature: 320 ℃± 20 ℃ 焊接温度: 320 ℃± 20 ℃ 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 螺帽装配力矩:5-14N 11. Protection level:IP67 防护等级:IP67 12. Explosion prevention level: IK10 防暴等级: IK10				13. Working environment temperature: -20 ℃~-+55 ℃ 工作环境温度: -20 ℃~-+55 ℃ 14. Compression torque: ≤ 3.00N 按压扭力: ≤3.00N 15. Electrical life: 100000 cycles 电气寿命: 100000 cycles 16. mechanical: 500000cycles 机械寿命: 500000cycles 17. Operation method:Self repeating form 操作方式: 自复式 18. LED lamp power consumption: 20m以下 LED灯功耗: 20m以下 19. LED lamp lifespan: 40000h LED寿命: 40000h 20. LED color: Red LED颜色: 红色 21. LED Lamp Voltage: 24V LED灯电压: 24V 22. NO reverse thrust foot torque: ≤30N NO反推脚扭力: ≤30N									
2														
3														
4	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: 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													
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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			PA46			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		Silvering 镀银				
5	LED Base LED基座			PC 塑胶			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				

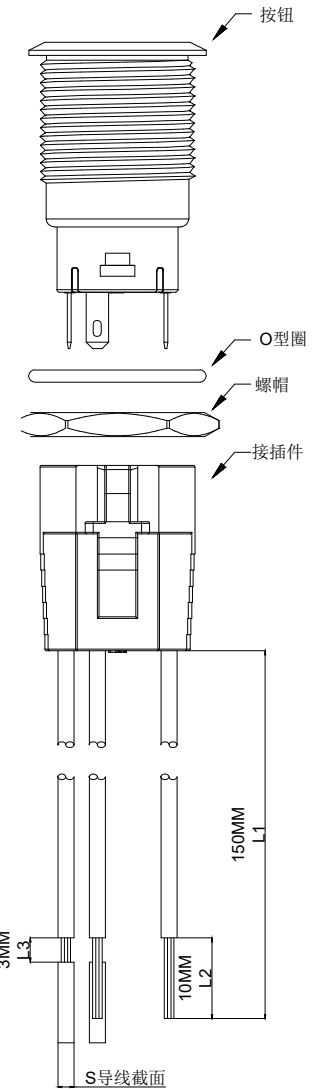
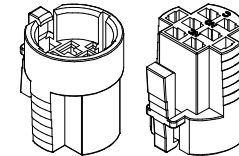
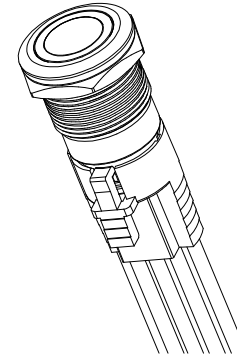
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Function Parameter
功能参数



Installation diagram
安装示意图



A4				
A3				
A2				
A1				
REV	DATE	REVISION	DESCRIPTION	ISSUE

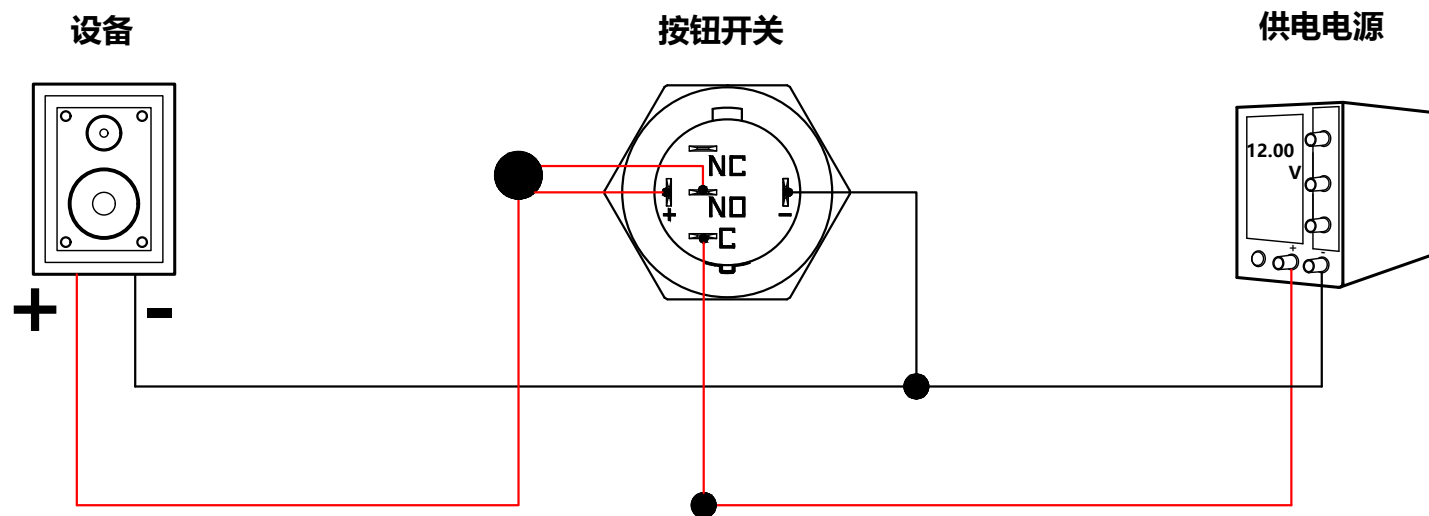


COMMON TOLERANCE	
X.XX	± 0.10
X.X	± 0.15
X	± 0.25
ANGULAR	—

UNIT	MM	PROJECTED	PRODUCT NAME:
DRAWN BY	FUYUAN	CHECKED BY	MODEL NO: TP92505P224RA5150
DATE	2019	APPROVAL B	Https: www.roc pu. tw
ROC PU TECHNOLOGY CO., LTD			
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	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：（0.15-0.25MM）≤30N、（0.3MM）≤40N、（0.5MM）≤50N、（0.75MM）≤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 2.3线：用于双色指示灯、无开关功能 3.4线：用于三色灯的指示灯、无开关功能 4.3线：用于1N0/1N01NC开关、无指示灯功能 5.6线：用于2N0/2N02NC开关、无指示灯功能 6.5线：用于1N0/1N01NC、单色指示灯带开关功能 7.8线：用于2N0/2N02NC、单色指示灯带开关功能 8.6线：用于1N0/1N01NC、双色指示灯带开关功能 9.7线：用于1N0/1N01NC、三色或220v双色指示灯带开关功能						3																																																							
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5	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">A4</td><td style="width:10%;"></td><td style="width:15%;"></td><td style="width:10%;"></td><td rowspan="5" style="width:10%; text-align:center; vertical-align: middle;">  台普 ROC PU </td><td style="width:15%;">COMMON TOLERANCE</td><td style="width:10%;">UNIT</td><td style="width:10%;">MM</td><td style="width:10%;">PROJCTED</td><td style="width:10%; text-align:center;">  </td><td style="width:20%;">PRODUCT NAME:</td></tr> <tr> <td>A3</td><td></td><td></td><td></td><td>X.XX</td><td>± 0.10</td><td>DRAWN BY</td><td>FUYUAN</td><td>CHECKED BY</td><td>COCO</td><td>MODEL NO: TP92505P224RA5150</td></tr> <tr> <td>A2</td><td></td><td></td><td></td><td>X.X</td><td>± 0.15</td><td>DATE</td><td>2019</td><td>APPROVAL B</td><td>ALEN</td><td>Https: www.rocpu.tw</td></tr> <tr> <td>A1</td><td></td><td></td><td></td><td>X</td><td>± 0.25</td><td colspan="5" rowspan="2" style="text-align:center; font-size: 1.2em; font-weight: bold;">ROC PU TECHNOLOGY CO.,LTD</td></tr> <tr> <td>REV</td><td>DATE</td><td>REVISION</td><td>DESCRIPTION</td><td>ISSUE</td><td>ANGULAR</td><td colspan="5" style="font-size: 0.8em;">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>						A4				 台普 ROC PU	COMMON TOLERANCE	UNIT	MM	PROJCTED		PRODUCT NAME:	A3				X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP92505P224RA5150	A2				X.X	± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw	A1				X	± 0.25	ROC PU 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					5
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25MM系列单排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C脚，并接一起。
- 3、设备的正极，按钮开关的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)

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