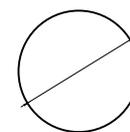
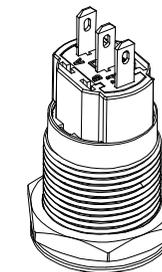


Electrical principles without lights
无灯电气原理图



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		PRODUCT NAME:
DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91647P2A5150
DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw
ROCPCU TECHNOLOGY CO., LTD				
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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: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:2.80mm ± 0.10
按压行程:2.80mm ± 0.10
7. Contact stroke:1.50mm±0.10
接触行程 :1.50mm±0.10
8. welding temperature: 320 °C± 20 °C
焊接温度: 320 °C± 20 °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
螺帽装配力矩:5-14N
11. Protection level:IP67
防护等级:IP67
12. Explosion prevention level: IK09
防暴等级: IK09

13. Working environment temperature: -20 °C~+55 °C
工作环境温度: -20 °C~+55 °C
14. Compression torque: ≤ 3.5N
按压扭力: ≤3.5N
15. Electrical life: 500000 cycles
电气寿命: 500000 cycles
16. mechanical: 500000cycles
机械寿命: 500000cycles
17. Operation method:Self repeating form
操作方式: 自复式
18. NO reverse thrust foot torque: ≤30N
NO反推脚扭力: ≤30N

连接形式

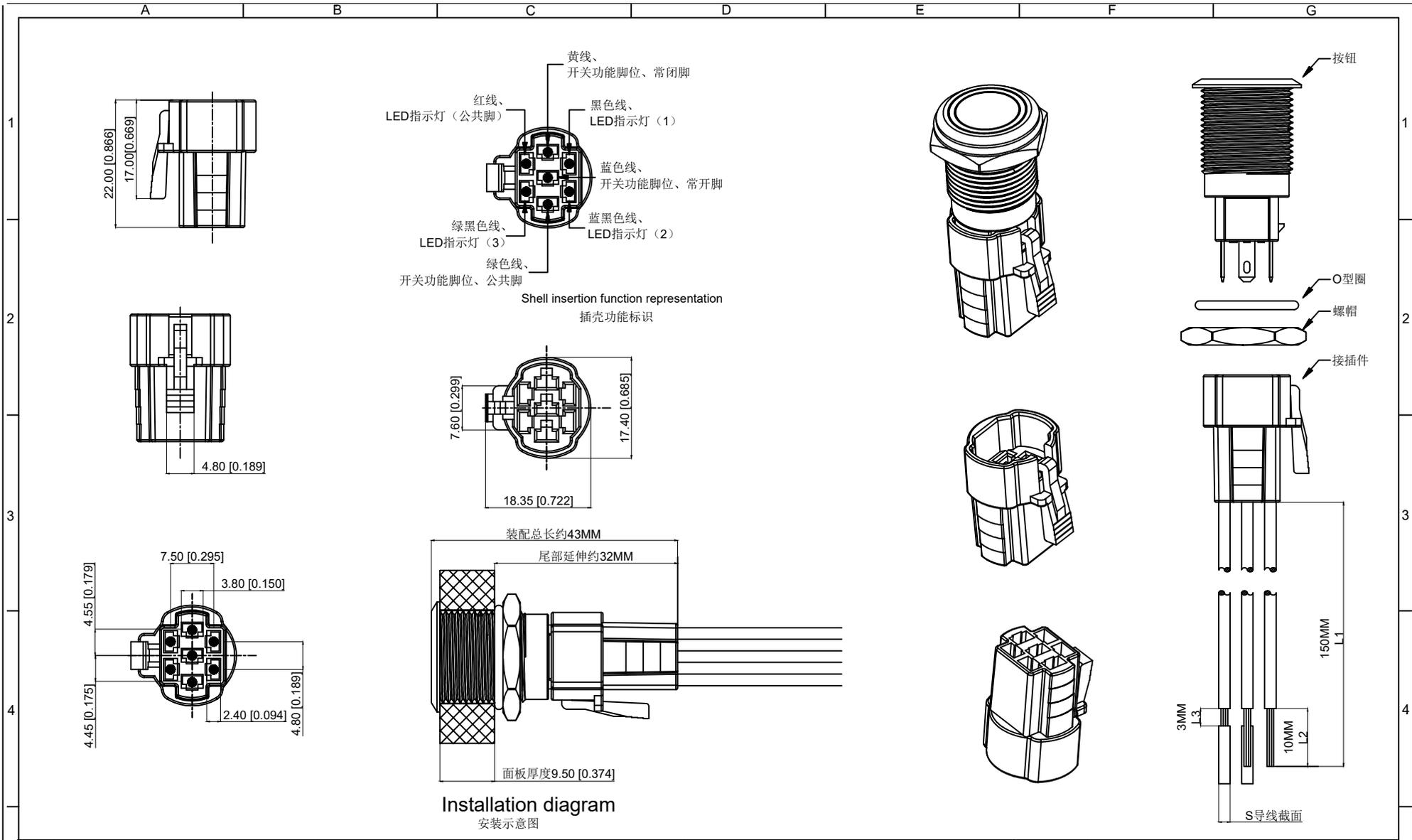
1. Welding temperature of wire: 320 ± 20 °C
线材焊接温度: 320±20°C
Wire welding duration: less than 3 seconds
线材焊接时长: 时长3秒以下
2. Can be used with dedicated connectors:
可配专用接插件使用:
 - 2.1 Switch function wire: green (C) blue wire (NO) yellow wire (NC)
开关功能线材: 绿色(C) 蓝线 (NO) 黄线 (NC)

A4				 台普 ROCPU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3					X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91647P2A5150
A2					X.X	± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpu.tw
A1					X	± 0.25	ROCPU 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	Contact material 接触材质	silver alloy 银合金	1	Silvering 镀银
6	Pin 引脚	Brass 黄铜	1	gold-plating 镀金
7	Base 底座	PA46	1	

材质参数

A4				 ROCPCU	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3					X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91647P2A5150
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					



A4				 台普 ROCPCU	COMMON TOLERANCE	UNIT	MM	PROJECTED		PRODUCT NAME:	
A3							DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91647P2A5150
A2							DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw
A1							ROCPCU TECHNOLOGY CO.,LTD				
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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
- 6.需要其他线长、线型、可以定制

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

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：用于双色的指示灯、无开关功能
- 3.4线：用于三色的指示灯、无开关功能
- 4.3线：用于1NO/1NO1NC开关、无指示灯功能
- 5.5线：用于1NO/1NO1NC、单色指示灯带开关功能
- 6.6线：用于1NO/1NO1NC、双色指示灯带开关功能
- 7.7线：用于1NO/1NO1NC、三色指示灯带开关功能

A4				 <p>台普 ROCPCU</p>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:	
A3					X.XX	± 0.10	DRAWN BY	FUYUAN	CHECKED BY	COCO	MODEL NO: TP91647P2A5150	
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						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