

Better conductivity
And longer lifespan



Identify WANDU LOGO
Avoid counterfeiting
And inferior products



NO character engraved on the feet
More easily recognizable

After rigorous testing
the waterproof performance is strong



**Wandu Brand
High current**



2.8mm Widened silver plated pins

Market Style
Low Current



2.8mm Widened silver plated pins



Ordinary small contacts

Not easily oxidized, resistant to high temperature and corrosion



The models with lights and without lights have complete specifications

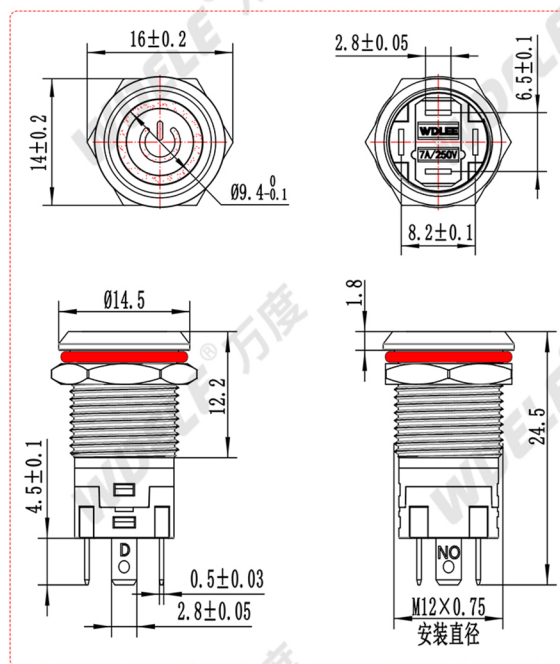


Circular power supply label

Individual
circular shape

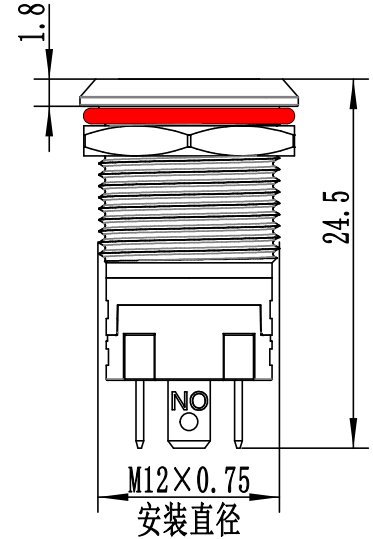
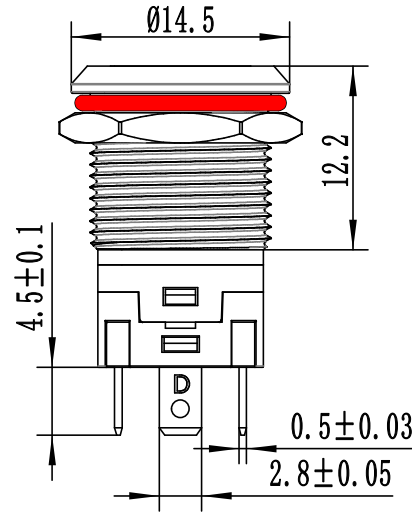
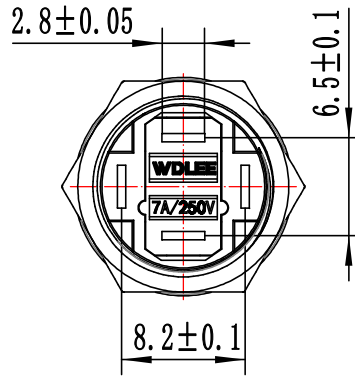
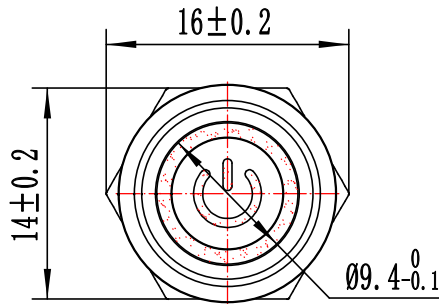
Unlighted
version

Switching Voltage	1.5V~250V/AC/DC
Working form	Self resetting/self locking
Switch combination	1NO
Mechanical life	Self locking 50W times, self resetting 100W times
Compressive strength	≥1500VAC 20mA/min
Switching Current	7.5A
Work environment	-25°C~+85°C
Waterproof grade	IP67
Contact resistance	≤50MΩ
Opening diameter	12MM

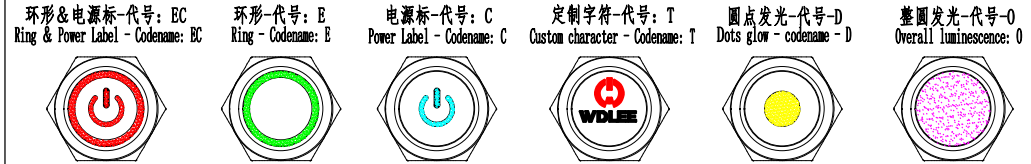
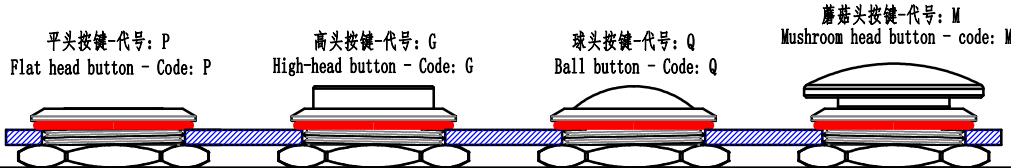
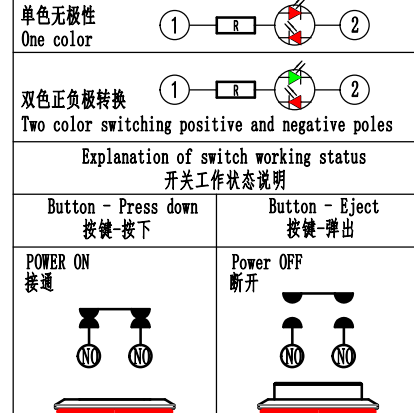




未经万度电气书面允许，严禁打印和复印



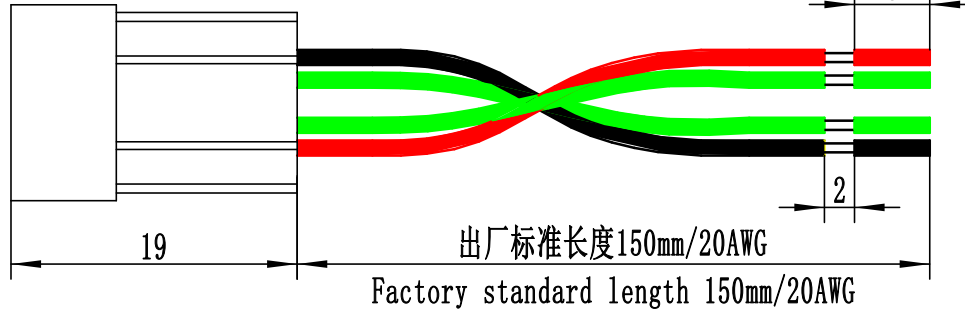
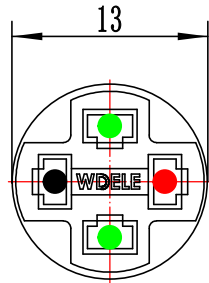
Mounting hole diameter 安装孔直径	12~12.2mm		Switch combinations 开关组合	1NO (一常开)	Housing material 外壳材质	SUS304/Brass nickel-plated/aluminum alloy anodized SUS304/黄铜镀镍/铝合金阳极氧化
Switching voltage 开关电压	1.5V~250VAC/DC		Lamp bead voltage 灯珠电压	AC/DC: 3.3V、6V、9V、12V、24V、36V、48V、110V、220V	Key Material 按键材质	PC&SUS316 聚碳&不锈钢SUS316
Current rating: 额定电流:	Resistive loads 阻性负载	DC-13:12V/24V 7.5A AC-15:110V/250V 7.5A	Lamp bead current 灯珠电流	2mA~20mA	Contact material 触点材质	Silver tin oxide alloy contacts 银氧化锡合金触点
	Inductive loads 感性负载	AC-15:110V/250V 1A DC-13:110V 1A	PIN pin style PIN脚样式	2.8mm Solder pins 2.8mm 焊接引脚	Electrical life 电气寿命	DC-13:12V/24V 7.5A >100,000 times AC-15:110V/220V 7.5A >10万次
Rated heating current 额定发热电流	ith: 7.5A/250VAC		Base material 基座材质	Modified nylon PA66 改性尼龙PA66	Contact resistance 接触阻值	Contact resistance ≤50mΩ
Waterproof rating 防水等级	IP67 at the end of the button 按键端IP67		Dielectric strength 绝缘强度	≥100MΩ 500VDC /h	Press down on pressure 按键下压力	Approximately 2.5~4N 约2.5~4N
Ambient temperature 环境温度	-30℃~85℃		Compressive strength 耐压强度	Pins and housings 1500VAC 20mA/min 引脚与外壳 1500VAC 20mA/min	Button travel 按键行程	The key stroke is 3mm and the contact stroke is 1mm 按键行程3mm 接触行程1mm
Form of work 工作形式	Self-locking/self-resetting (optional) 自锁式/自复式 (可选)		Glowing color 发光颜色	Red, green, yellow, blue, white 红、绿、黄、蓝、白		



3D View: 三维视图:	Schematic Diagram: 电气原理:	Cut-out size: 开孔尺寸:	PART NAME: 零件名称:	MATERIAL: 材料:	DRAWN: 绘图:	WEIGHT(g): 重量:
			WD12D series button switch specification sheet WD12D系列按钮开关规格书	/	彭翔翔 日期 2024.03.10	10
			PART No.: 零件编号:	SCALE: 比例:	CHECK: 审核:	UNIT: 单位:
			WD12D-P1-GGS01	2:1	彭翔翔 日期 2024.03.10	mm
			浙江万度电气有限公司 Zhejiang Wandu Electric Co., Ltd	SHEET: 页数:	APPROVAL: 批准:	SIZE: 图幅:
				3 OF 1 第 1 页 共 3 页	彭翔翔 日期 2024.03.10	A4
				PART No.: 料号:	VERISON: 版本:	PROJECTION: 投影:
				/	V0.0	

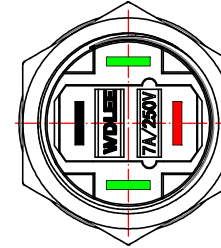


未经万度电气书面允许，严禁打印和复印

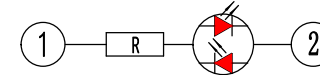


插座配件需额外购买
Additional purchase of socket accessories is required

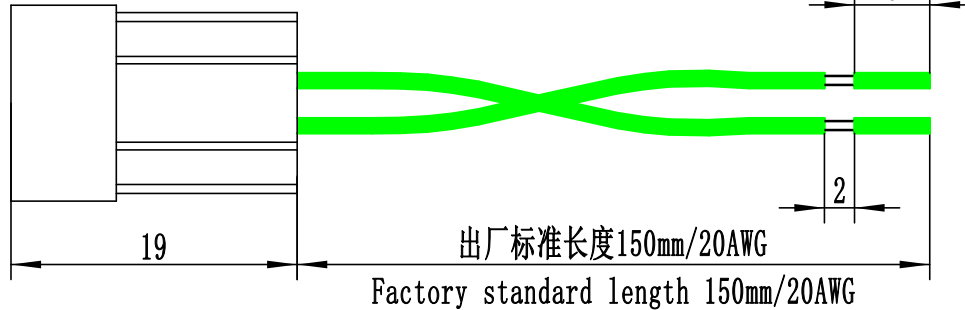
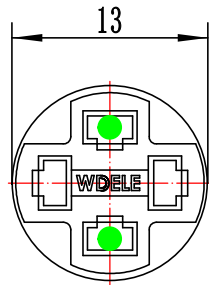
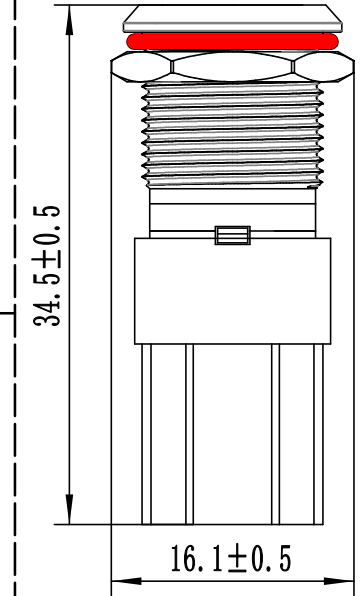
PIN pin comparison diagram
PIN脚对照图



单色无极性
One color

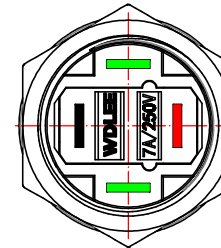


External dimensions of switch
and socket assembly
开关与插座组装外形尺寸



出厂标准长度150mm/20AWG
Factory standard length 150mm/20AWG

PIN pin comparison diagram
PIN脚对照图



无灯
No lamp

插座配件需额外购买
Additional purchase of socket
accessories is required



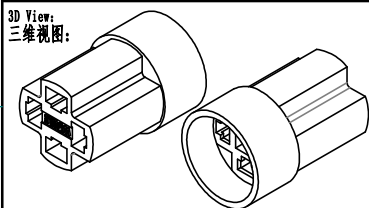
接线时请参考规格书，带电作业请做好绝缘防护！
Please refer to the specifications when wiring, and do insulation protection when working with electricity!

多种发光颜色可选
Multiple luminous colors available

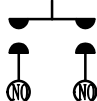


客户可根据实际需求在线束末端定制连接端子
Customers can customize connection terminals at the end of
the wire harness according to their actual needs.

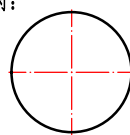
客户可根据实际需求定制线材颜色
Customers can customize wire colors
according to their actual needs.



Schematic Diagram:
电气原理:



Cut-out size:
开孔尺寸:



Ø12.1 ± 0.1

PART NAME: WD12D series button switch specification sheet
零件名称: WD12D系列按钮开关规格书

PART No.: WD12D-P1-GGS01
零件编号:



浙江万度电气有限公司
Zhejiang Wandu Electric Co., Ltd

MATERIAL: /
材料:

SCALE: 2:1
比例:

SHEET: 3 OF 2
页数: 第 2 页 共 3 页

PART No.: /
料号:

DRAWN: 彭翔翔 日期 2024.03.10
绘图:

CHECK: 彭翔翔 日期 2024.03.10
审核:

APPROVAL: 彭翔翔 日期 2024.03.10
批准:

VERISON: V0.0
版本:

WEIGHT(g): 10
重量:

UNIT: mm
单位:

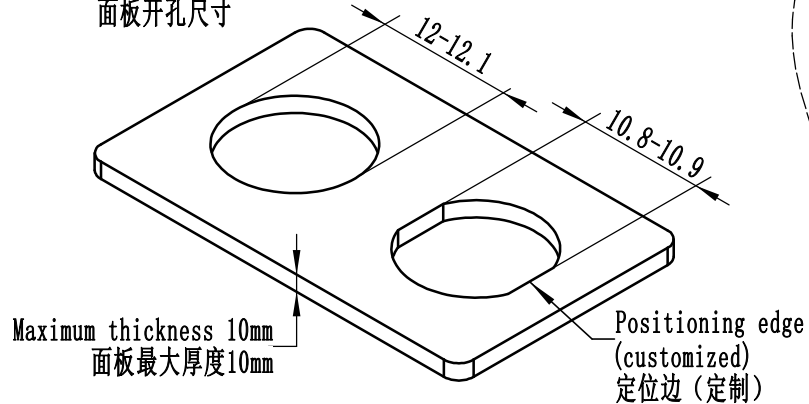
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图幅:

PROJECTION: 投影:

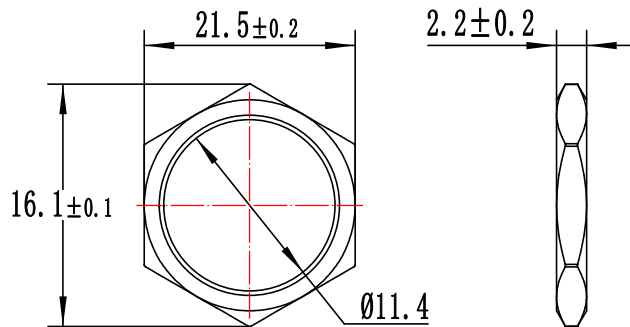


未经万度电气书面允许，严禁打印和复印

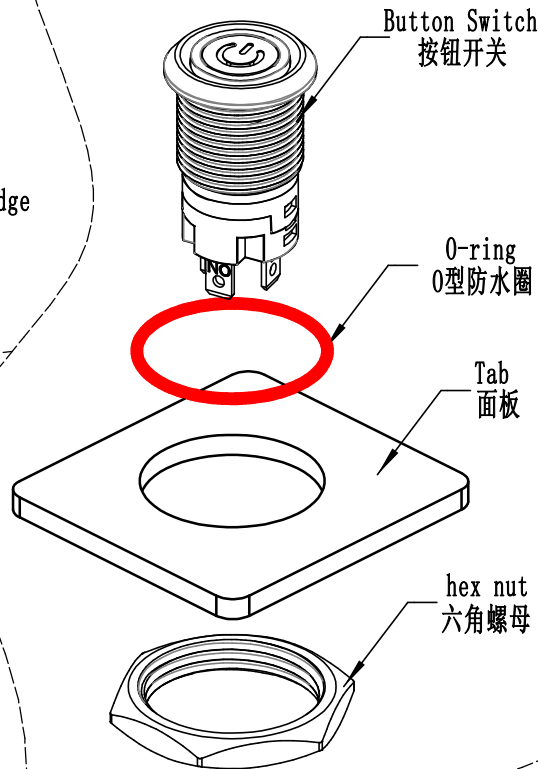
Panel opening size
面板开孔尺寸



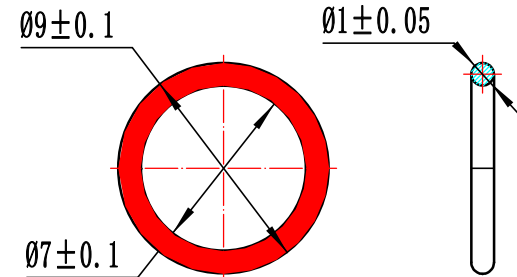
Attachment: Hexagonal Nut
附件：六角螺母



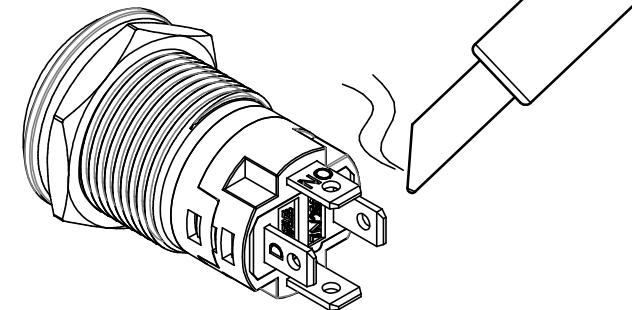
Installation method diagram
安装方法示意图



Attachment: O-shaped silicone waterproof ring
附件：O型硅胶防水圈



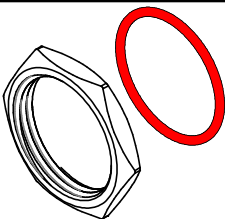
焊接需注意，烙铁温度不得超过280℃
焊接时间不能超过3秒，以免损坏开关本体。
Soldering should be noted that the temperature of the soldering iron should not exceed 280° C, and the soldering time should not exceed 3 seconds, so as not to damage the switch body.



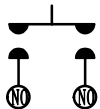
焊接时请做好防护，避免烫伤！

Please take good precautions when welding to avoid burns!

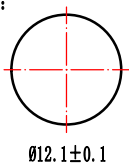
3D View:
三维视图:



Schematic Diagram:
电气原理:



Cut-out size:
开孔尺寸:



PART NAME: WD12D series button switch specification sheet
零件名称: WD12D系列按钮开关规格书

PART No.: WD12D-P1-GGS01
零件编号:



Switch on worry-free

浙江万度电气有限公司
Zhejiang Wandu Electric Co., Ltd

MATERIAL: /
材料:

SCALE: 2:1
比例:

SHEET: 3 OF 3
页数: 第 3 页 共 3 页

PART No.: /
料号:

DRAWN: 彭翔翔 日期 2024.03.10
绘图:

CHECK: 彭翔翔 日期 2024.03.10
审核:

APPROVAL: 彭翔翔 日期 2024.03.10
批准:

VERISON: V0.0
版本:

WEIGHT(g): 10
重量:

UNIT: mm
单位:

SIZE: A4
图幅:

PROJECTION: 投影: