



Good switch selection
multiple safety functions
好开关 安全功能多

深圳市宇联科技有限公司

Shenzhen yulian technology co., LTD

让用电更安全
Make Electricity Safer

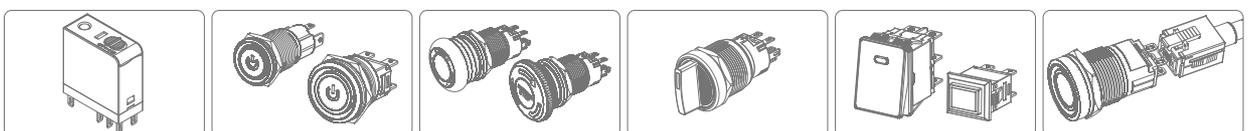
成为开关行业世界级的引领者

BECOME A WORLD-CLASS LEADER IN THE SWITCH INDUSTRY



宇联初步以电子、电器产品作为发展范围，前期以创造高品质、安全、精美、先进制造的为核心，以波澜壮阔的气势干实业。

Yulian Initially based on electronic and electrical productsThe scope of development, in the early stage, takes the creation of high-quality, safe, exquisite and advanced manufacturing as the core, and does the industry with a magnificent momentum.



关于我们

About Us

宇联品牌成立于2008年,是一家中国无区域化公司。为GB/Z 43533—2023《依据GB/T 7251.2—2023的成套电力开关和控制设备(PSC成套设备)中内部电弧故障抑制系统的集成》标准起草单位。主要研发、制造高端金属按钮开关、继电器、指示灯、急停开关、钥匙开关、旋钮、蜂鸣器、船型开关、触摸开关、开关电源、数字显示表等产品,具备大电流、带灯、防水、防尘、防爆等功能,可定制开发。

申请100余项国家专利及发明专利,通过ISO9001质量管理体系认证,获得CE、SGS、CCC、CQC、RoHs、TUV、REACH、CB、UL61058等认证。首创各类7A、10A、16A、25A大电流金属按钮开关,引领前沿。在前进的路上我们坚持不断创新、创造、努力打造工匠产品。

拥有多年丰富经验的研发、精益生产、高水平管理、销售精英、法律维权等团队。拥有高端数控车间、自动化车间、数字化车间、ERP与MES管理系统。确保高质、高效、优服务,努力打造精品宇联品牌。通过努力已成为多家知名企业优秀合作伙伴,销售网络已覆盖全球。

注册YULIAN国际商标,走向全球。YULIAN宇联注册国内全类商标,全面覆盖保护。
砥砺前行,我们再接再厉!

YULIAN brand was established in 2014 and is a non-regionalized company in China. It is the drafting unit of GB/Z 43533-2023 "Integration of Internal arc fault suppression systems in Complete Power Switch and Control Equipment (PSC Equipment) according to GB/T 7251.2-2023" standard. Mainly develop and manufacture high-end metal button switches, relays, indicator lights, emergency stop switch, key switch, knob, buzzer, rocker switch, touch switch and other products, with high current, light, waterproof, dustproof, explosion-proof and other functions, Custom development is possible.

Apply for more than 100 national patents and invention patents, pass the ISO9001 quality management system certification, and obtain CE, SGS, CCC, CQC, RoHs, TUV, REACH, CB, UL61058 and other certifications. The first to create various types of 7A, 10A, 16A, 25A high-current metal button switches, leading the forefront. On the way forward we adhere to continuous innovation, creation, and strive to create artisan products.

Has many years of rich experience in research and development, lean production, high-level management, sales elite, legal rights protection and other teams. Has a high-end CNC workshop, Automated workshop, digital workshop, ERP and MES management system. To ensure high quality, high efficiency and excellent service, and strive to build a high-quality blue wave brand. achieved through effort As an excellent partner of many well-known enterprises, and its sales network has covered the world.

Register the LANBOO international trademark and go global. LANBOO has registered all kinds of domestic trademarks, covering all aspects of protection.

Forge ahead, we will make persistent efforts!

我们的愿景

成为开关行业世界级的引领者

Our Vision

Becoming a world-class leader in the switch industry

我们的使命

让用电更安全

让宇联成为宇联人实现梦想的舞台

Our Mission

Make electricity safer

Make Blue Wave a Stage for Blue Wave People to

Realize Their Dreams

质量方针

工匠,做能感动自己的产品

创新,做认为不可能的事情

俱进,走在超越世纪最前沿

服务,付出追求爱人的热情

真诚,说真话干真事做真人

POLICY

Craftsman, making products that can move

oneself Innovate and do things that are

considered impossible Advancing forward,

walking at the forefront of surpassing the

century Service, passion for pursuing loved ones

Be sincere, speak the truth, do real things and be

a genuine person

宇联价值观 YULIAN's Values

准确

- 1、准循原则, 严于律己, 确保遵纪守法;
- 2、准循目标, 思路清晰, 确保在航道;
- 3、准循需求, 标准作业, 确保不想当然;
- 4、准施任务, 凡事必确认, 确保准确无误;
- 5、准达结果, 凡事必有果, 确保是第一。

Accuracy

1. Adhere to principles, be strict with oneself, and ensure compliance with laws and regulations;
2. Follow the target accurately, have clear thinking, and ensure to be on the waterway;
3. Adhere to requirements and standard operations to ensure that one does not take things for granted;
4. Accurately carry out tasks, always confirm everything, and ensure accuracy;
5. Be sure to achieve results, everything will come to fruition, and ensure that it is the first.

高效

- 1、高效率, 没有准备不上班, 没有结果不下班, 今日事今日毕。
- 2、高品质, 不接收不良品, 不生产不良品, 不流出不良品;
- 3、高匠心, 用钻牛角尖的精神有效解决市场需求;
- 4、高成长, 八小时内求生存, 八小时外求发展;
- 5、高标准, 站在今天做未来的事。

Efficient

1. Efficient, don't go to work without preparation, don't leave work without results, finish today's work today.
2. High quality, no acceptance of defective products, no production of defective products, no outflow of defective products;
3. High craftsmanship, effectively solving market demand with a sharp and meticulous spirit;
4. High growth, seeking survival within eight hours, and seeking development beyond eight hours;
5. High standards, standing today and doing future things.

敢拼

- 1、面对目标, 敢于拼搏, 拼到感动自己;
- 2、面对竞争, 敢于超越, 拼到无能为力;
- 3、面对瓶颈, 敢于挑战, 拼到最后一刻;
- 4、面对压力, 敢于皮实, 拼成最亮的星;
- 5、面对邪气, 敢于正义, 拼成骨气宇联。

Dare to fight

1. Face the goal, dare to fight hard, and work hard to move oneself;
2. In the face of competition, dare to surpass and struggle to the point of powerlessness;
3. Face bottlenecks, dare to challenge, and fight until the last moment;
4. Faced with pressure, dare to be down-to-earth and put together the brightest star;
5. In the face of evil, dare to be righteous and form a blue wave of backbone.

敢当

- 1、遇到问题, 敢于承担, 不推诿, 当己事;
- 2、遇到批评, 敢于接纳, 不狡辩, 当学习;
- 3、遇到变化, 敢于拥抱, 不退缩, 当机遇;
- 4、遇到委屈, 敢于站起, 不消极, 当成长;
- 5、遇到诱惑, 敢于抵抗, 不心动, 当激励。

Dare to take responsibility

1. When encountering problems, dare to take responsibility, do not shirk responsibility, and take it personally;
2. When encountering criticism, dare to accept it, do not quibble, and learn from it;
3. When encountering changes, dare to embrace, do not retreat, and be an opportunity;
4. When encountering grievances, dare to stand up, not be negative, and grow;
5. When encountering temptation, dare to resist, not be tempted, and be inspired.



敢于创新/与众不同
 宇联拥有100余项专利 多项认证
 Dare to innovate/stand out from the crowd
 YULIAN has over 100 patents and multiple certifications



荣获“高新技术企业”
 为振兴民族品牌而不懈努力奋斗
 Awarded as a high-tech enterprise
 Striving tirelessly to revitalize national brands



让用电更安全
 安全大电流按钮开关
 Make electricity safer
 Safe high current button switch

部分客户 Part Customers



More.....

排名不分先后
 Ranking in no particular order



强大的研发能力

品种规格齐全，总有一款满足您的需求！

Variety specifications, there is always a suitable for you!

STRONG R&D Capability



P15 1409迷你船型开关
Mini Rocket Switch



P16 2810.5船型开关
Roker switch



P17 2822船型开关
Roker switch



P20 12E 7A迷你大电流按钮
Mini High-Current Button



P21 16/19B 10A大电流按钮
High-Current Button



P22 16E3 16A迷你短款按钮
Mini Short-lagre Current



P23 19/22E 16A短款大电流按钮
ShortHigh-Current Button



P24 22/25C 16A大电流按钮
High-Current Button



P25 1913 16A大电流方形开关
High-Current Button



P26-27 A系列金属按钮
A Series Metal Button Switch



P28 19A1金属按钮
Metal Button Switch



P29 12B/16E短款按钮
Short Button Switch



P30 22B/25B大电流按钮
High-Current Button



P31 19/22CM大电流触摸按钮
High current touch button



P32 16-22QC超薄轻触按钮
Ultra thin touch button



P33 19A(2L)金属按钮
Metal Button Switch



P34 16NZ 钮子开关
Metal Toggle Switch



P35 16NZ2 钮子开关
Metal Toggle Switch



P36 12NZ1/12NZ2 钮子开关
Metal Toggle Switch



P37 19X5 旋钮开关
Metal Knob Switch



P38 19Y5 钥匙钮
New Key Switch



P39 带灯急停
Stop Button with LED



P40 无灯急停
Emergency Button



P41 塑料急停
Emergency Button



P43 16F-19F 高防水按钮
Waterproof metal button



P44 16X1-19X1 旋钮开关
Metal Knob Switch



P45 16Y1-19Y1 钥匙钮
Key Switch



P46 22F 高防水按钮
Waterproof metal button



P47 6-25mm 信号灯系列
6-25mm Indicator Light



P48 8mm 高亮指示灯
Bright Indicator Light



P49 闪光蜂鸣器
Buzzer



P50 2系列 经济款按钮
Economic Series



P51 16SA 塑料按钮
Plastic Switch



P52-55 22SA1 快捷塑料按钮
22SA1 Quick plastic button



P56-58 22SA2 组合式塑料按钮
22SA2 modular plastic button



P59 S2 光电开关
S2 Photoelectric switch



P60-61 开关电源系列
Switch power supply



P62 定制开发系列
Customization



P63 防水盒系列
Waterproof box



P64 附件系列
Accessories Series



P65 保护盖/防尘盖
Safety Shield



P66 螺母扳手
Nut Wrench

金属船型开关系列



金属船型开关命名规则 Rocker Switch Naming Rules

LBCX□/★※■/▲▼/◎/※

其它备注: 定制符号、防水要求、特殊颜色要求等

Other remarks: customized symbols, waterproof requirements, special color requirements, etc

上罩和翘板材质: N-镀铬(高配) PC-黑色塑料

Upper cover and rocker material: N-chrome plated (high-end) PC black plastic

带灯电压: 3-8V/25-48V/110V为定制电压 5(9)-24V/220V(250V)常规电压

Voltage with lamp: 3-8V/25-48V/110V is customized voltage 5(9)-24V/220V(250V), conventional voltage

发光颜色: R-红 G-绿 B-蓝 Y-黄 1409、16、20、2810.5只做 R-红 G-绿

Glow color: R-red G-green B-blue Y-yellow; 1409、16、20、2810.5 only R-red G-green

档位: 2-2档 3-3档

Glow color range: 2-2nd gear, 3-3rd gear

开关组合: 10-1NO 20-2NO 11-1NO1NC 22-2NO2NC

Switch combination: 10-1NO 20-2NO 11-1NO1NC 22-2NO2NC

面板颜色: H-黑色 J-金色 Y-银色

Panel colour: H-Black J-Gold Y-silvery

开孔尺寸: 1409、16、20、2810.5、2822 (mm)

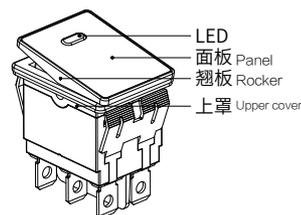
Hole size: 1409、16、20、2810.5、2822 (mm)

船型开关代码

Rocker Switch Code

宇联代码

YULIAN Code



注: 开孔外形尺寸后面用“-”隔开, ※档位、▼带灯电压后面需要用“/”隔开; 不带灯的无需填写▲发光颜色、▼带灯电压。

开关组合 1NO 和 1NC 只能做不带灯。

例: 28*22 外形、黑色面板、2NO、2档、蓝色、24V、镀铬上罩、

对应型号: LBCX2822/H2O2/B24V/N(L)

Note: The outer dimensions of the opening should be separated by "-", and the positions ※ and ▼ with lamp voltage should be separated by "/"; For those without lights, there is no need to fill in ▲ luminous color and ▼ voltage with lights. Switch combinations 1NO and 1NC can only be used without lights. Example: 28 * 22 appearance, black panel, 2NO, 2nd gear, blue, 24V, chrome plated upper cover.

Corresponding model: LBCX2822/H2O2/B24V/N(L)

LBCX16

迷你圆形船型开关
Mini Rocker Switch
Ith:10A 250VAC



常规电压:5-24V 220V, 定制其它电压
Normal Voltage:5-24V 220V, Customizable Other Voltage
常规颜色:红色、绿色;定制:蓝色、黄色、白色
Normal Color:Red/Green; Customizable:Blue/Yellow/White



Ith:10A
大电流开关
High-Current



2000VAC
高绝缘耐压
High-Insulation



Metal
金属外壳
Metal Shell



50000H
长寿命灯珠
Long Life LED



20万次
机械寿命
Mechanical Life



2档
档位清晰
2 Gears



-40~80°C
环境耐温强
Environment



CCC RoHS REACH CE
专利及认证
Certificate



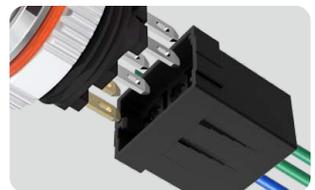
带指示灯
LED



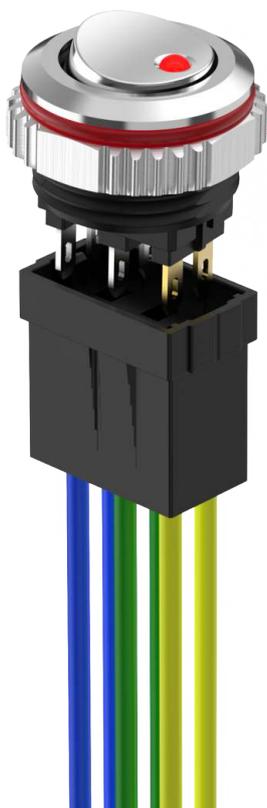
加粗镀银插脚,触点
Bold Silver Plated Pins, High-Current



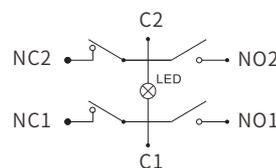
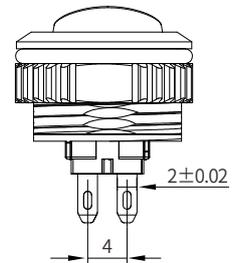
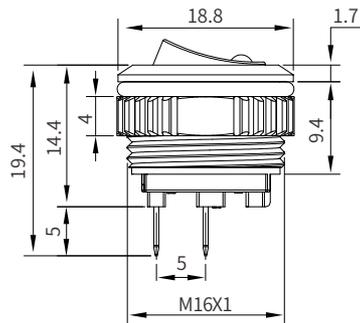
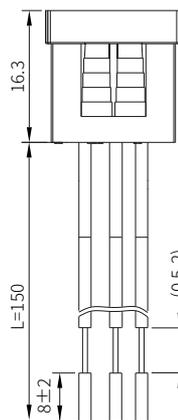
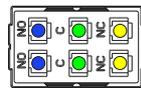
数控加工,外观高档
CNC, High-grade



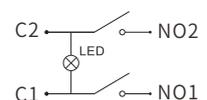
专用接插件
Connector



NO脚蓝线 NO Pin blue line
NC脚黄线 NC Pin yellow line
C公共脚绿线 C Public Pin green line



带灯 (2档/6脚)
With LED (2 Gears/6PINS)



带灯 (2档/4脚)
With LED (2 Gears/4PINS)

0.5mm²国标铜芯线
长度L: 150mm;可定制线长
0.5mm² copper core wire
L: 150mm; length can be customized

此接插件适用于LBCX16、LBCX1409
This connector is suitable for LBCX16 and LBCX1409

LBCX20

船型开关
Rocker Switch
Ith:20A 250VAC
二档/三档



常规电压:5-24V 220V, 定制其它电压
Normal Voltage: 5-24V 220V, Customizable Other Voltage
常规颜色:红色、绿色;定制:黄色、白色、蓝色
Normal Color: Red/Green, Customizable: Yellow/White/Blue



Ith:20A
大电流开关
High-Current



2000VAC
高绝缘耐压
High-Insulation



Metal
金属外壳
Metal Shell



50000H
长寿命灯珠
Long Life LED



10万次
机械寿命
Mechanical Life



底座V0
阻燃阻然
Antif Laming



-40~80°C
环境耐温强
Environment



CCC RoHS REACH CE
专利及认证
Certificate



不锈钢外壳, 坚固耐用
Stainless steel casing



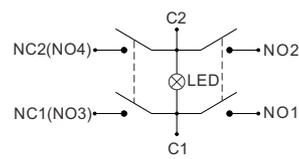
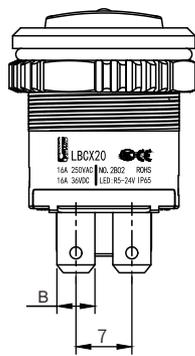
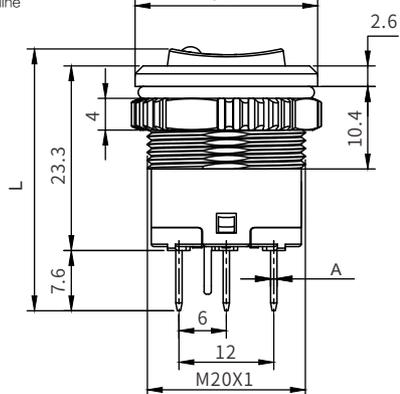
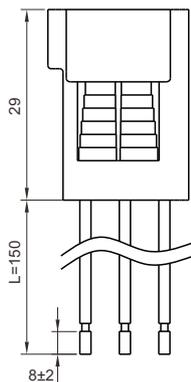
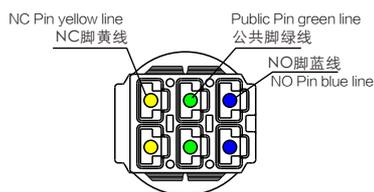
镀银引脚
Silver-plated pins



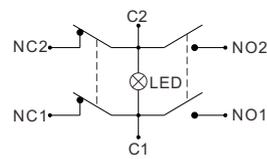
LED灯珠, 寿命达50000小时
Momentary with LED



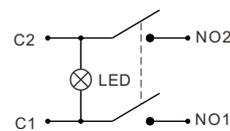
阻燃底座
Flame-retardant base



6脚 (3档) 原理图
Schematic diagram of 6-pin (3rd gear)



6脚 (2档) 原理图
Schematic diagram of 6-pin (2nd gear)



4脚 (2档) 原理图
Schematic diagram of 4-pin (2nd gear)

1.5mm²国标铜芯线
长度L: 150mm; 可定制线长
1.5mm² copper core wire
L: 150mm; length can be customized

型号	L	A	B
LBCX20-Y403	33	6-0.8±0.02	6-4.8±0.05
LBCX20-Y222	34.5	6-0.8±0.02	6-4.8±0.05
LBCX20-Y202	34.5	4-0.8±0.02	4-4.8±0.05

LBCX1

迷你金属船型开关
Mini Rocker Switch
Ith:10A 250VAC



绚丽黑 土豪金 天山银

低功耗LED: ≤20mA

Low Power Consumption LED: ≤20mA

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色; 定制: 蓝色、黄色、白色

Normal Color: Red/Green; Customizable: Blue/Yellow/White



Ith:10A
大电流开关
High-Current



2000VAC
高绝缘耐压
High-Insulation



6063
铝氧化面板
Aluminium Oxidized



50000H
长寿命灯珠
Long Life LED



20万次
机械寿命
Mechanical Life



2/3档
档位清晰
2/3 Gears



-40~80°C
环境耐温强
Environment



CCC RoHS CE
专利及认证
Certificate



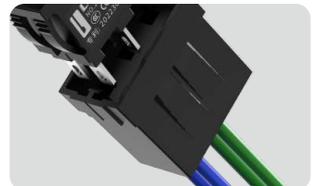
3档标识
3 Gears mark



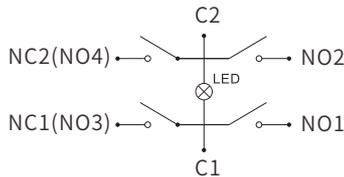
银氧化锡触点
AgSn02



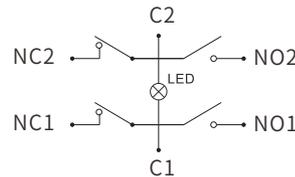
镀金/镀银插脚
Gold-plated/silver-plated pins



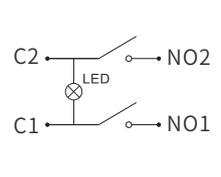
专用接插件
Connector



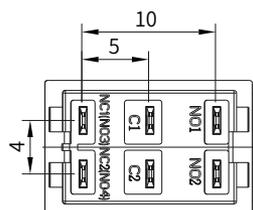
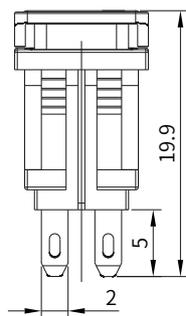
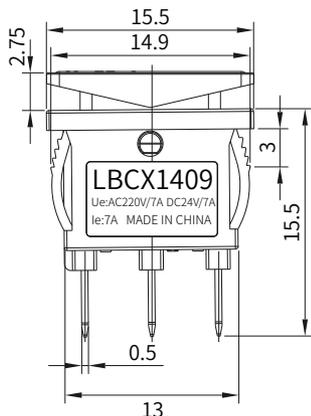
带灯 (3档/6脚)
With LED (3rd gear/6-pin)



带灯 (2档/6脚)
With LED (2rd gear/6-pin)



带灯 (2档/4脚)
With LED (2rd gear/4-pin)



5角硬币
5 cent coin
20mm

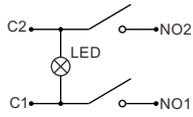
LBCX2810.5

大电流金属KCD3

High-Current KCD3

Ith:20A 250VAC

2NO



红色 Red 绿色 Green 土豪金 Gold 天山银 Silver 绚丽黑 Black

LED发光颜色 LED Color 面板颜色 Panel Color

低功耗LED: ≤20mA

Low Power Consumption LED: ≤20mA

常规电压: 9-24V 250V, 定制其它电压

Normal Voltage: 9-24V 250V, Customizable Other Voltage

常规颜色: 红色、绿色; 定制: 蓝色、黄色、白色

Normal Color: Red / Green; Customizable: Blue / Yellow / White



20A

Ith

大电流开关
High-Current



3000VAC

高绝缘耐压
High-Insulation



6063

铝氧化面板
Aluminum Oxidized



50000H

长寿命灯珠
Long Life LED



20万次

机械寿命
Mechanical Life



底座V0

阻燃阻燃
Anti-f Laming



-40~80°C

环境耐温强
Environment



CCC RoHS REACH CE

专利及认证
Certificate



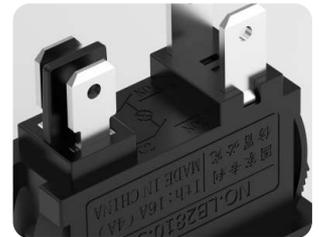
铝切割面板,高亮面边框
Aluminum Cutting panel



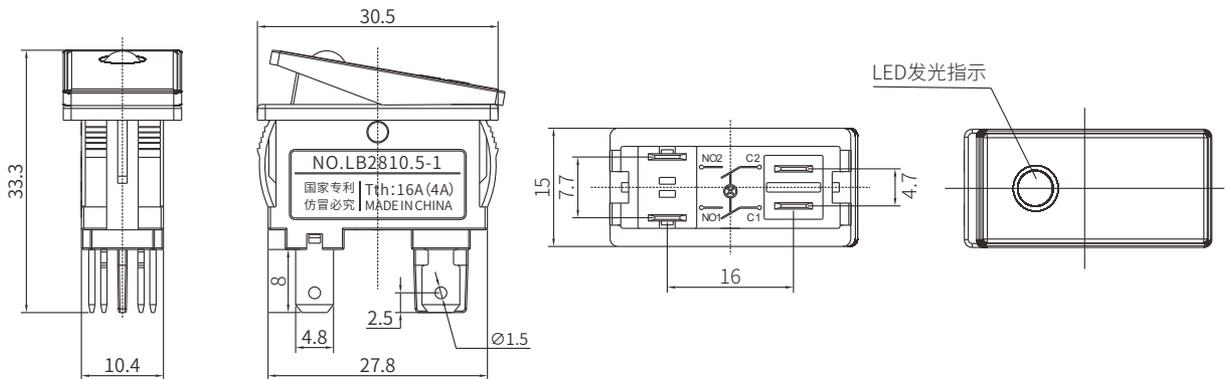
加粗镀银插脚,触点,大电流
Bold Silver Plated Pins, High-Current



带指示灯
LED



阻燃底座
Flame-retardant base



LBCX2822 Roker 船型

大电流金属KCD4

High-Current KCD4

Ith:20A 250VAC

2NO/2NO2NC

自锁/自复(2NO2NC/2档)



土豪金
Gold

天山银
Silver

绚丽黑
Black

面板颜色
Panel Color

低功耗LED: ≤20mA

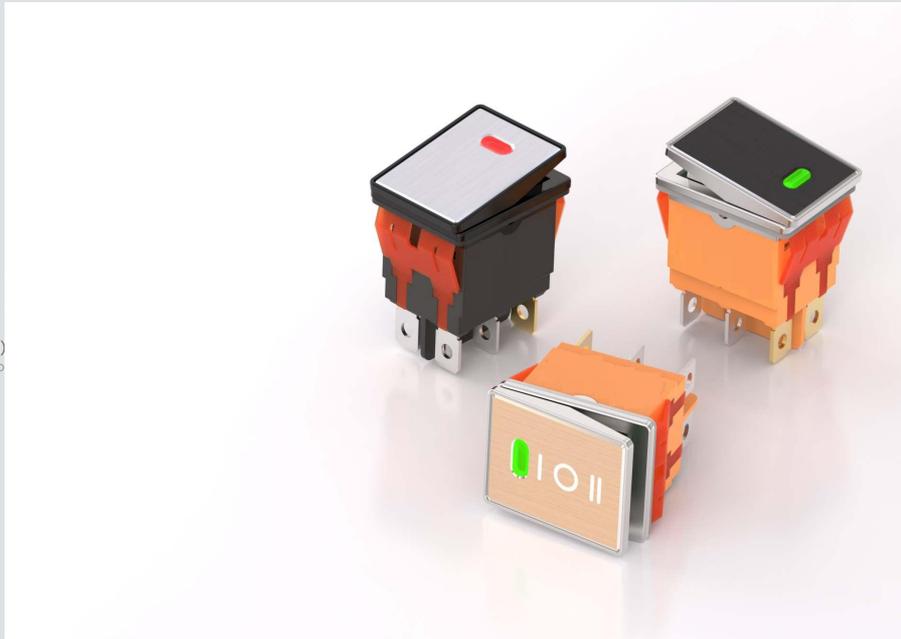
Low Power Consumption LED: ≤20mA

常规电压: 9-24V 250V, 定制其它电压

Normal Voltage: 9-24V 250V, Customizable Other Voltage

常规颜色: 红色、绿色; 定制: 蓝色、黄色、白色

Normal Color: Red/Green; Customizable: Blue/Yellow/White



20A

Ith

大电流开关
High-Current

3000VAC

高绝缘耐压
High-Insulation

铝拉丝面板
金属材质

氧化铝面
Aluminium Oxidized

LED

50000H
长寿命灯珠
Long Life LED

20万次

机械寿命
Mechanical Life

底座V0

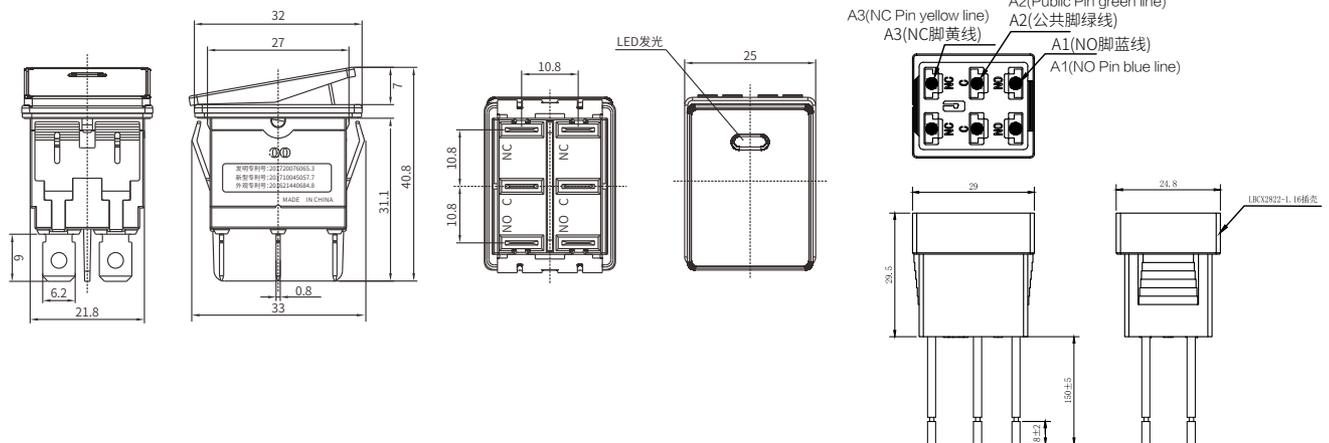
耐高温阻燃
Antiflaming

-40~80°C

环境耐温强
Environment

CCC RoHS REACH

专利及认证
Certificate



金属按钮、旋钮、钥匙钮、急停钮命名规则

Naming convention for metal buttons, knobs, key buttons and emergency stop buttons

LB \emptyset \diamond - \star \blacklozenge \blacksquare / \odot \blacktriangle \blacktriangledown / \otimes \star / \ast

其它备注: 定制符号、防水要求、特殊颜色要求等
Other remarks: customized symbols, waterproof requirements, special color requirements, etc

接线: J-螺丝脚 (蜂鸣器) Wiring: J-screw pin (buzzer)

档位: 2-2档 3-3档 (此选项只针对旋钮及钥匙钮, 其它开关忽略此项)
Gear position: 2- 2nd gear, 3-3rd gear (this option only applies to knobs and key knobs, ignored for other switches)

外壳材质: S-不锈钢 N-镀铬(镀镍) A-铝氧化 PC-塑料 ST-镀钛
Shell material: S-stainless steel N-chromium plated (nickel plated) A-aluminum oxide PC-plastic ST-Titanium plated

带灯电压: 3-8V/25-48V/110V为定制电压 5-24V/9-24V/220V 常规电压
Voltage with lamp: 3-8V/25-48V/110V, customized voltage 5-24V/9-24V/220V, conventional voltage

发光颜色: R-红 G-绿 B-蓝 Y-黄 W-白 O-橙(定制)
Glow color: R-red G-green B-blue Y-yellow W-white O-orange (customization)
RG-红绿 RB-红蓝 RGW-红绿蓝 (注:只有A系列可做双色,三色)
RGW-red green RB-red blue RGW-red green blue (Note: Only the A series can be made in 2 or 3 colors)

发光类型: E-环形 E+DY-环形+电源标 DY-电源标 D-点灯 E+XD-环形+小点
Luminous type: E-annular E+DY-annular+Power supply sign DY-Powersupply sign D-Lighting E+XD-annular+Small dots

操作类型: F-自复式 Z-自锁式(保持式) Operation type: F-self resetting Z-self locking (holding)

开关组合: 10-1NO 1C-1NC 11-1NO1NC 20-2NO 22-2NO2NC (NO为常开触点,NC为常闭触点)
Switch combination: 10-1NO 1C-1NC 11-1NO1NC 20-2NO 22-2NO2NC (NO-normally open contact, NC-normally closed contact)

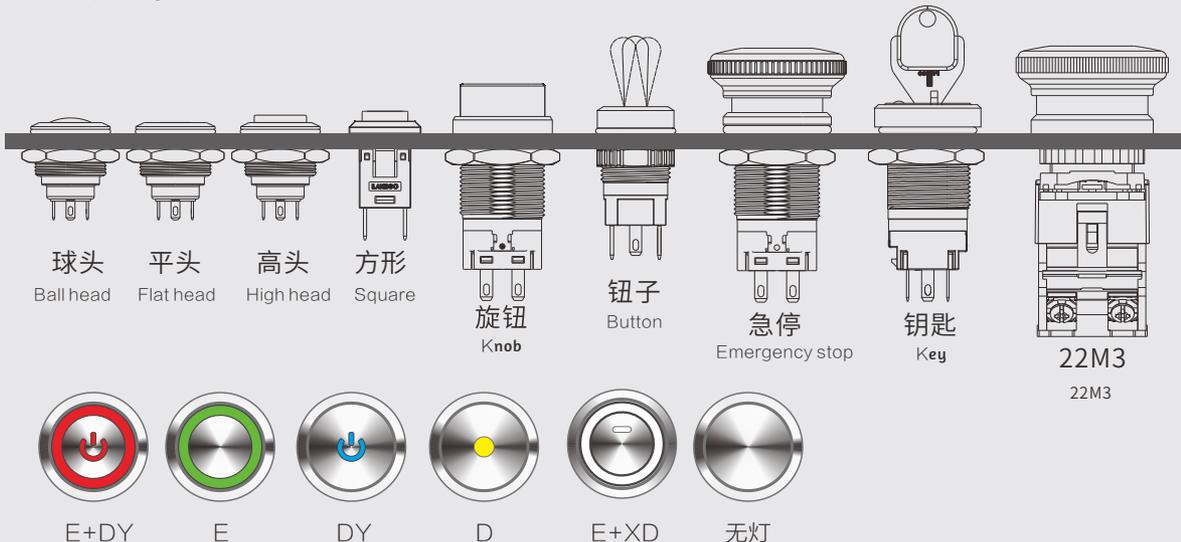
头部形状: P-平头 G-高头 Q-球头 Y-钥匙钮 X-旋钮 M-蘑菇头
Head shape: P-Flat head G-High head Q-Ball head Y-Key X-Knob M-Mushroom head

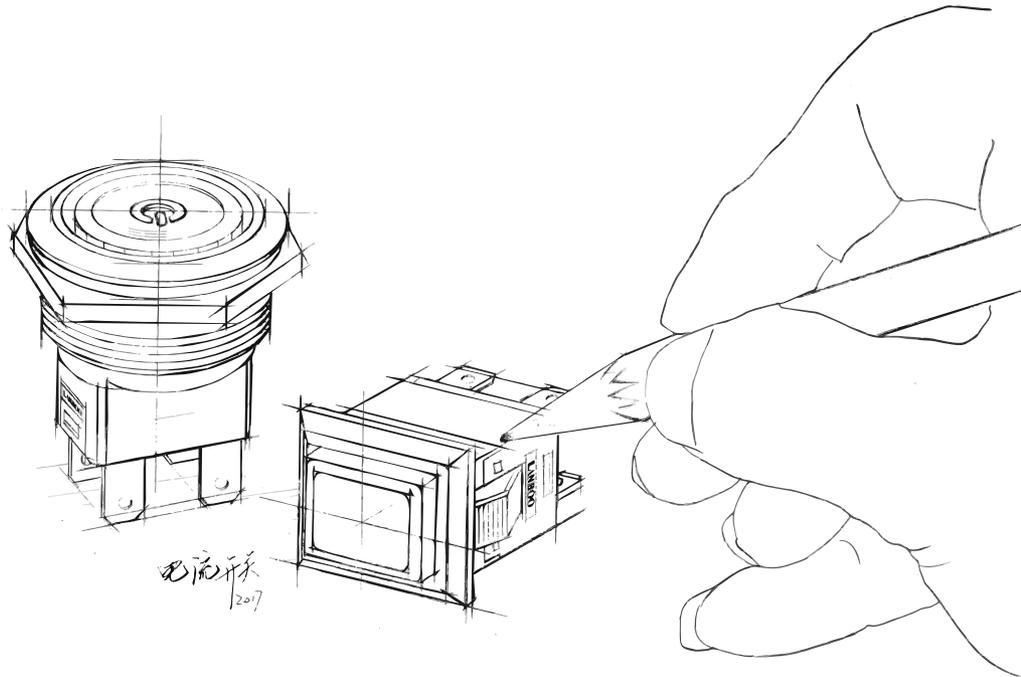
系列号: A[(16A, 19A为1NO1NC,3A);(19A1, 22A, 25A, 30A, 40A)有1NO1NC或2NO2NC可选,3A]
Series number B[(12B,1NO,2A);(16B, 19B,1NO,10A);(22B, 25B,独立1NO1NC,7A)]
C[(22C, 25C,2NO,15A)]
E[(12E,1NO,7A);(16E,1NO,2A);(16E3,1NO,16A);(19E,22E,1NO,16A)]
Y5 (19Y5, 22Y5,1NO1NC或2NO2NC可选,5A,无灯,3A)升级款
X5 (19X5, 22X5,1NO1NC或2NO2NC可选,带灯,3A)升级款
M3(22M3,40mm超大头/1NO1NC,无灯,8A) M4(16 19 22mm,1NO1NC,带灯,3A)
M5.1(19M5.1, 22M5.1,大头,无灯) M5.2(19M5.2, 22M5.2,小头,无灯) M5.4(19M5.4, 22M5.4,带灯)
M6(19M6, 22M6,短款(short),无灯(no LED)) (M5系列均有1NO1NC或2NO2NC 可选,3A)
SA-塑料按钮(plastic button) NZ/NZ2-钮子开关(Button switch) QC-轻触(Touch lightly) CM-触摸(Touch)
SM-塑料急停带箭头(Plastic emergency stop with arrow)
SM2-塑料急停带箭头+STOP(Plastic emergency stop with arrow+STOP)
SM3-塑料急停带箭头(Plastic emergency stop with arrow)

安装孔直径(螺纹外径): ϕ 12、 ϕ 16、 ϕ 19、 ϕ 22、 ϕ 25、 ϕ 30、 ϕ 40mm
Installation hole diameter (thread outer diameter): ϕ 12、 ϕ 16、 ϕ 19、 ϕ 22、 ϕ 25、 ϕ 30、 ϕ 40mm
(每个系列里的开孔并不是从 ϕ 12-40mm都有,请参照系列号后括号里的孔径)
(The openings in each series are not derived from ϕ Available in sizes 12-40mm, please refer to the aperture in parentheses after the serial number)

宇联代号
YULIAN Code

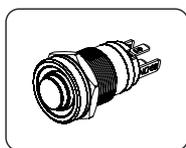
- 例: 1. 需要16mm开孔、A系列、平头、1NO1NC、自锁、环形、红色发光、LED电压12V、镀铬外壳 对应型号: LB16A-P11Z/ER9-24V/N(L)
1. Requires 16mm opening, A series, flat head, 1NO1NC, self-locking, circular, red emitting, LED voltage 12V, chrome plated shell Corresponding model: LB16A-P11Z/ER9-24V/N(L)
2. 需要22mm开孔、M5.1系列、蘑菇头、2NO2NC、自锁、不锈钢外壳 对应型号: LB22M5.1-M22Z/S/A(L)
2. It needs 22mm opening, M5.1 series, Bowl cut, 2NO2NC, self-locking, stainless steel shell Corresponding model: LB22M5.1-M22Z/S/A(L)
3. 需要19mm开孔、X5系列、旋钮、1NO1NC、LED电压12V、红色发光,保持式、不锈钢外壳、2档 对应型号: LB19X5-X11Z/R5-24V/S/2(L)
3. Requires 19mm opening, X5 series, knob, 1NO1NC, LED voltage 12V, red light emitting, holding type, stainless steel housing, 2nd gear Corresponding model: LB19X5-X11Z/R5-24V/S/2(L)



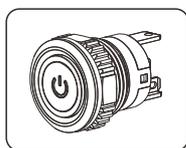


安全大电流按钮开关

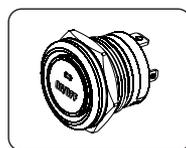
Safe & High-Current Push Button Switch



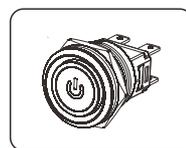
12E/7A Series



16E3/20A Series



19E/15A Series



22C/15A Series

一直被模仿,从未被超越
We've been imitated, But never beyond

LB12E High Current

迷你大电流金属按钮

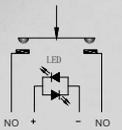
Mini High-Current Button Switch

Ith: 10A 250VAC

1NO



低功耗LED: ≤20mA
Low Power Consumption LED: ≤20mA
常规电压: 5-24V 220V, 定制其它电压
Normal Voltage: 5-24V 220V, Customizable Other Voltage
常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色
Normal Color: Red/Green/Blue; Customizable: Yellow/White



- 10A**
Ith
大电流开关
High-Current
- 2500VAC**
高绝缘耐压
High-Insulation
- LED**
50000H
长寿命灯珠
Long Life LED
- 100万次**
机械寿命
Mechanical Life
- V0**
耐高温阻燃
AntiFlaming
- 40~80°C**
环境耐温强
Environment
- IP67/IK08**
防水防爆
Protection Level
- CCC RoHS REACH CE UL**
专利及认证
Certificate



凹面头部,方便按压
Concave Head



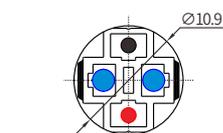
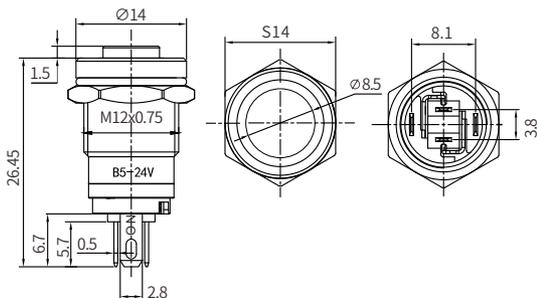
配套插件
Connector



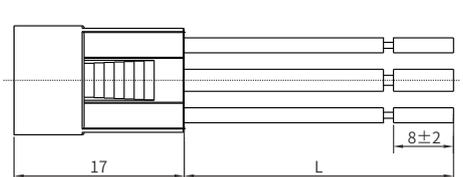
镀金镀银插脚
Gold/Silver Plated Pins



高亮均匀发光
Even and Soft LED



1mm² 蓝色线 Blue Wire (NO)
0.3mm² 黑色线 Black Wire (LED-)
0.3mm² 红色线 Red Wire (LED+)



标准线长150mm, 可定做其它尺寸
Wire Length: 150mm, Customize other Sizes

LB16B/19B High Current

大电流金属按钮开关

High-Current Button Switch

Ith:15A 250VAC

1NO



无灯 Without 环形灯 Ring LED 环形+电源 Ring+Power Symbol



红色 Red 绿色 Green 蓝色 Blue 黄色 Yellow 白色 White

低功耗LED: ≤20mA

Low Power Consumption LED: ≤20mA

常规电压: 9-24V 220V, 定制其它电压

Normal Voltage: 9-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White



15A

Ith

大电流开关

High-Current



1500VAC

高绝缘耐压

High-Insulation



50000H

长寿命灯珠

Long Life LED



100万次

机械寿命

Mechanical Life



V0

耐温阻燃

Anti-Laming



-40~80°C

环境耐温强

Environment



IP65/IK10

防水防爆

Protection Level



CCC RoHS REACH CE

专利及认证

Certificate



柔光光圈, 长寿命LED
Soft Light Aperture



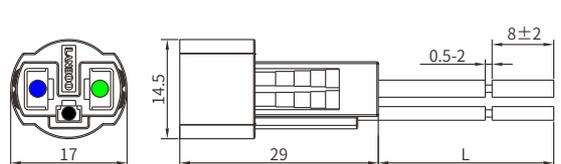
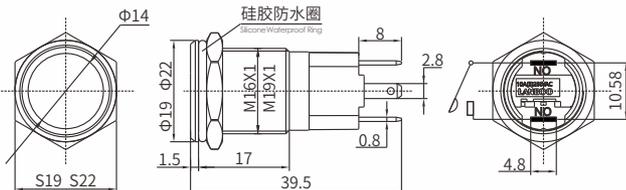
高精数控, 精致美观
Seiko CNC



专用插件, 阻燃耐温
Connector



加大银触点, 粗脚, 电流大
Big Silver Contact



● 蓝色和 ● 绿色NO线为1mm², ● 黑色灯脚线0.5mm²,
线长150mm, 可定做其它线长。
Blue and Green NO wire 1mm², Black LED wire 0.5mm²,
Wire Length: 150mm, Customize other sizes.

LB16E3 Short Large current

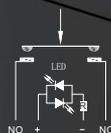
迷你短款大电流金属按钮

Mini Short-lagre Current Button Switch
Ith:20A 250VAC

1NO



低功耗LED: ≤20mA
Low Power Consumption LED: ≤20mA
常规电压: 5-24V 220V, 定制其它电压
Normal Voltage: 5-24V 220V, Customizable Other Voltage
常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色
Normal Color: Red/Green/Blue; Customizable: Yellow/White



- 20A** Ith 大电流开关 High-Current
- 短** 23mm 短款设计 Short Design
- 4000米** 适合海拔 Long Life LED
- 50万次** 机械寿命 Mechanical Life
- V0** 连接端耐温阻燃 Antif Laming
- 40~80°C** 抗耐温范围 Environment
- IP66/IK08** 防水防尘 Protection Level
- CCC RoHS REACH UL** 专利及认证 Certificate



凹面头部,方便按压
Concave Head



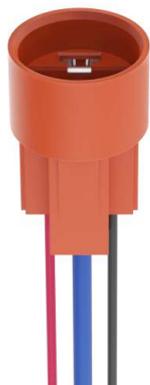
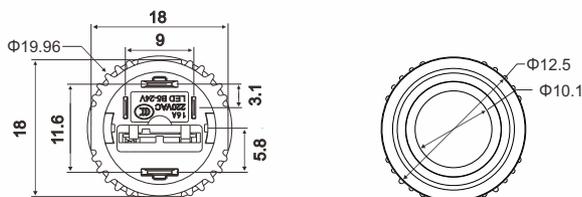
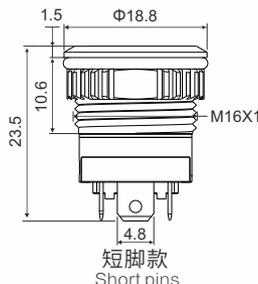
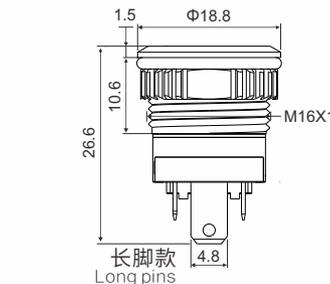
配套插件
Connector



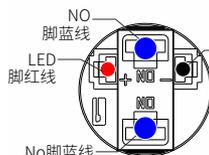
镀银长插脚
Silver Long Plated Pins



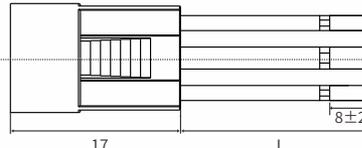
高亮均匀发光
Even and Soft LED



短脚无接插件
Short pin without connector



NO脚1.5mm² LED脚0.5mm²
NO pin 1.5mm² LED pin 0.5mm²



标准线长150mm, 可定做其它尺寸
Wire Length: 150mm, Customize other Sizes

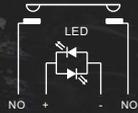
LB19E/22E Short 短款

大电流金属按钮开关

High-Current Short Switch

Ith:20A 250VAC

1NO



红色
Red

绿色
Green

蓝色
Blue

黄色
Yellow

白色
White

低功耗LED: ≤20mA

Low Power Consumption LED

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White

总长23.2mm



20A

Ith

大电流开关
High-Current



2500VAC

高绝缘耐压
High-Insulation



50000H

长寿命灯珠
Long Life LED



100万次
机械寿命

Mechanical Life



V0

耐高温阻燃
Anti-laminating



-40~80°C

环境耐温强
Environment



IP67/IK10

防水防爆
Protection Level



CCC RoHS REACH CE UL

专利及认证
Certificate



凹面大按键, 贴合手指
Easy to Press



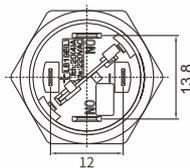
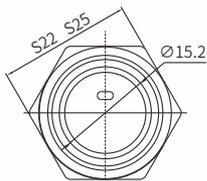
无极LED灯珠, 大触点
Non-Polar LED



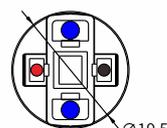
加粗镀金脚, 可拆锁扣
Thick Gold Plated



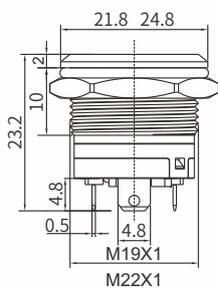
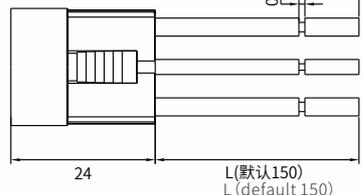
专用接插件
Connector



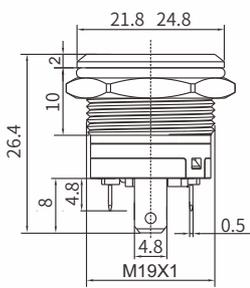
短脚款
Short pins



长脚插件款
Long leg plug-in model



短脚款



长脚款

● 红色和● 黑色灯脚线0.5mm², ● 蓝色NO负载线1.5mm²
线长150mm, 可定做其它线长
Red and Black LED wire 0.5mm², Blue NO wire 1.5mm²
Wire Length: 150mm, Customize other sizes.

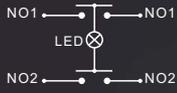
LB22/25C High Current

大电流金属按钮开关

High-Current Button Switch

Ith:20A 250VAC

2NO



低功耗LED: ≤20mA
Low Power Consumption LED: <20mA
常规电压: 9-24V 220V, 定制其它电压
Normal Voltage: 9-24V 220V, Customizable Other Voltage
常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色
Normal Color: Red / Green / Blue; Customizable: Yellow / White

- 
20A
Ith
 大电流开关
High-Current
- 
3000VAC
 高绝缘耐压
High-Insulation
- 
50000H
 长寿命灯珠
Long Life LED
- 
100万次
 机械寿命
Mechanical Life
- 
V0
 耐温阻燃
Antif Laming
- 
-40~80°C
 环境耐温强
Environment
- 
IP67/IK10
 防水防爆
Protection Level
- 
CCC RoHS REACH CE UL
 专利及认证
Certificate



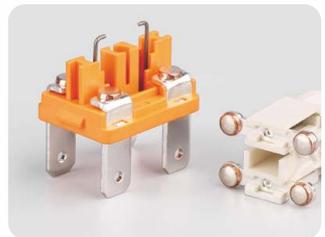
凹面设计, 贴合手指
Concave Design / Easy to press



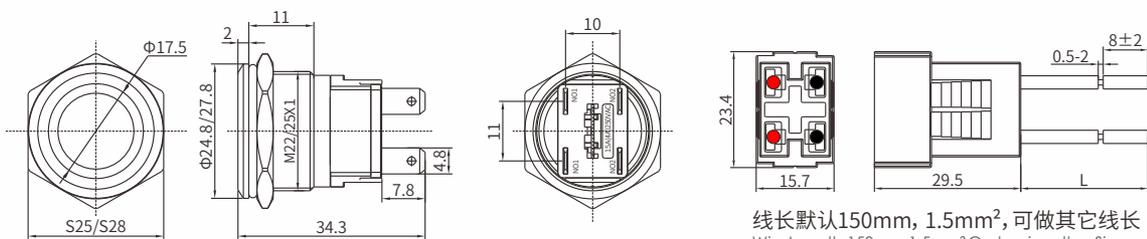
加粗镀银插脚, 大电流
Bold Silver plated Pins, High-Current



可配插件, 塑料件均阻燃
Connector



加大银点, 双锁钩
Bold Silver Contact



线长默认150mm, 1.5mm², 可做其它线长
Wire Length: 150mm, 1.5mm² Customize other Sizes

LB1913 Square Button

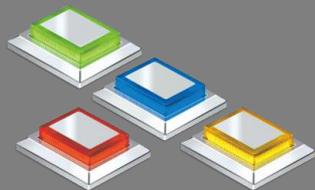
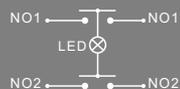
方形按钮

方形大电流金属按钮

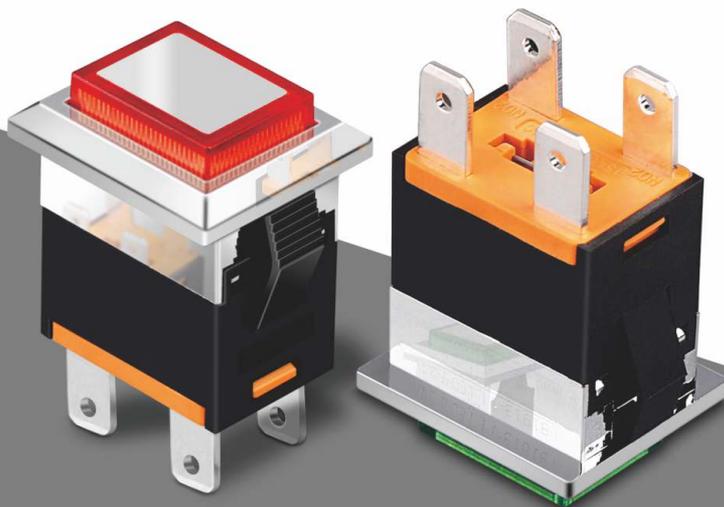
Square High-Current Button

Ith:20A 250VAC

2NO



低功耗LED: ≤20mA
Low Power Consumption LED: ≤20mA
常规电压: 9-24V 220V, 定制其它电压
Normal Voltage: 9-24V 220V, Customizable Other Voltage
常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色
Normal Color: Red/Green/Blue; Customizable: Yellow/White



20A

Ith
大电流开关
High-Current



3000VAC

高绝缘耐压
High-Insulation



Metal

不锈钢按键
Stainless Steel Key



LED

50000H
长寿命灯珠
Long Life LED



20万次

机械寿命
Mechanical Life



V0

耐温阻燃
Anti-f Laming



-25~55°C

环境耐温强
Environment



CCC RoHS REACH CE

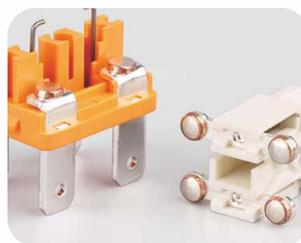
专利及认证
Certificate



不锈钢按键, 镀铬头部
Stainless Steel Key



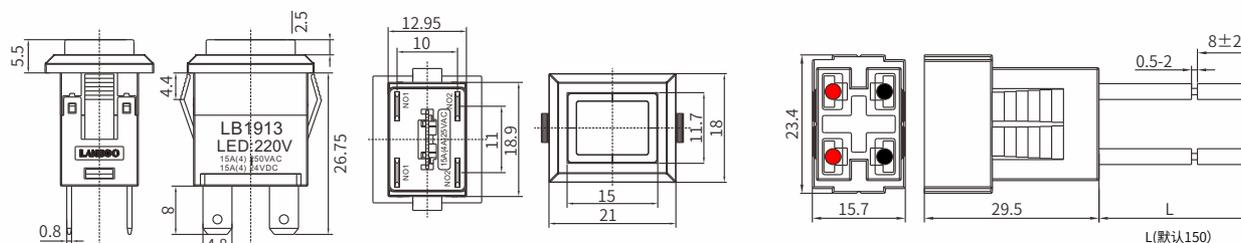
加粗镀银插脚
Silver Plated Pins



4颗加粗银触点
Silver Contact



专用接插件
Connector



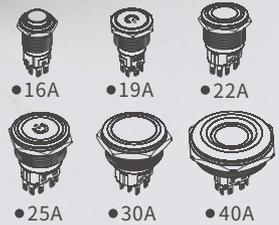
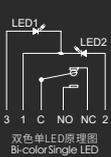
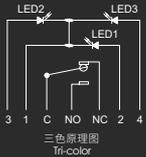
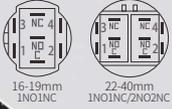
接插件线长默认150mm, 1.5mm², 可做其它线长
Wire Length: 150mm, 1.5mm² Customize other Sizes

LB16-40A Series

Monochrome/Bi-color/Tri-color LED
IP67/可做双色、三色发光

1NO1NC / 2NO2NC

Ith:5A 250VAC



RGB
可做双色三色
Bi-color Tri-color



<50mΩ
快动高灵敏
Contactsensitive



50000H
长寿命灯珠
Long Life LED



100万次
机械寿命
Mechanical Life



底座V0
耐温阻燃
Antif Laminar



-40~80℃
环境耐温强
Environment



IP67/IK10
防水防爆
Protection Level



CCC RoHS REACH CE TUV CE_{tuv} CB_{tuv}
专利及认证
Certificate



•16A(16mm)



•19A(19mm)



•22A(22mm)



•25A(25mm)



•30A(30mm)



•40A(40mm)



高亮无极宽电压LED Long Life/Wide Voltage LED

低功耗LED: ≤20mA
Low Power Consumption LED: ≤20mA

常规电压: 9-24V 220V, 定制其它电压
Normal Voltage: 9-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色、双色、三色
Normal Color: Red/Green/Blue; Customizable: Yellow/White/Bi-color/Tri-color



头部防水IP67
Waterproof IP67



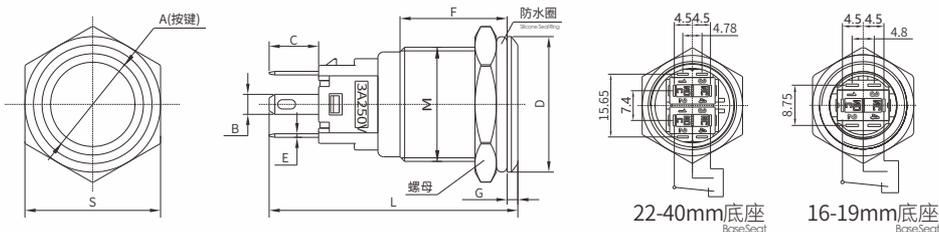
配套专用插件
Connector



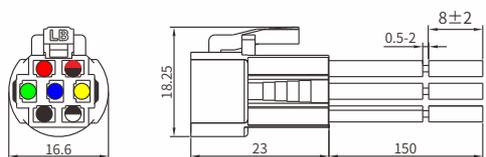
镀金/银插脚/银触点
Silver/Gold Pins/Contact



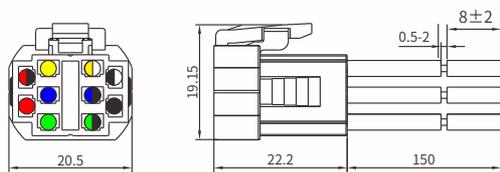
定制外壳颜色
Custom Shell color



型号/Model	Size 尺寸	S	A	B	C	E	F	L	G	D	M	触点类型/Contact
LB16A	S19	Ø14	2.8	7	0.5	15	34.8	1.5	Ø19	M16X1	1NO1NC	
LB19A	S22	Ø17	2.8	7	0.5	15	34.8	1.5	Ø22	M19X1	1NO1NC	
LB22A	S25	Ø18	2.8	7	0.5	15	35	1.5	Ø25	M22X1	1NO1NC/2NO2NC	
LB25A	S28	Ø22	2.8	7	0.5	15	35	1.5	Ø28	M25X1	1NO1NC/2NO2NC	
LB28A	S31	Ø22	2.8	7	0.5	15	35	1.5	Ø31	M28X1	1NO1NC/2NO2NC	
LB30A	S34	Ø22	2.8	7	0.5	15	35	1.5	Ø33	M30X1	1NO1NC/2NO2NC	
LB40A	S45	Ø22	2.8	7	0.5	15	35	1.5	Ø43	M40X1	1NO1NC/2NO2NC	



LB16A LB19A (1NO1NC)



LB22A LB25A LB28A LB30A LB40A

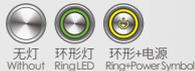
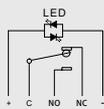
●● 灯脚线 ●● 双色或三色灯脚线 ●● NC线 ●● NO线 ●● C脚进线

使用0.5mm²电线, 线长150mm, 可定做其他规格线长
Wire Length: 150mm、0.5mm², Customize other Sizes

LB19A1 Series

1NO1NC/2NO2NC

Ith:5A 250VAC



无灯 Without
环形灯 Ring LED
环形+电源 Ring+Power Symbol



红色 Red
绿色 Green
蓝色 Blue
黄色 Yellow
白色 White

低功耗LED: ≤20mA

Low Power Consumption LED: ≤20mA

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White



2500VAC
高绝缘耐压
High-Insulation



<50mΩ
快动高灵敏
Contactsensitive



50000H
长寿命灯珠
Long Life LED



100万次
机械寿命
Mechanical Life



V2
耐温阻燃
Anti Lamming



-40~80°C
环境耐温强
Environment



IP65/IPK10
防水防爆
Protection Level



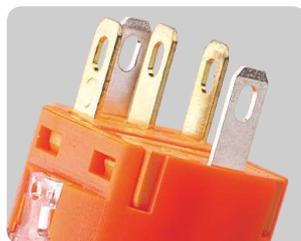
RoHS REACH CE TUV CE_(TUV) CB_(TUV)
专利及认证
Certificate



可做2常开2常闭
2NO2NC



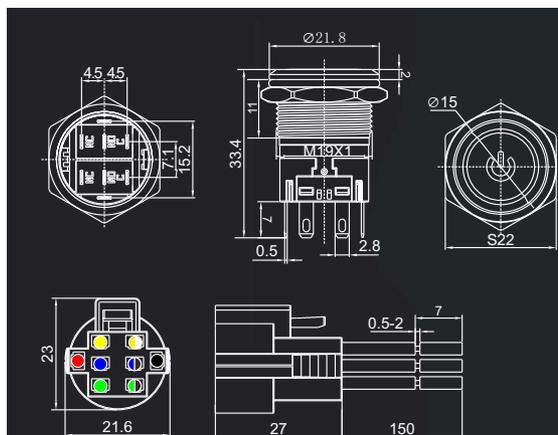
专用插件,防误碰设计
Connector



镀金银插脚,银触点
Gold Pins/Silver Contact



头部防水,高亮LED
Head Waterproof



○●灯脚线 ○●NC线 ○●NO线 ○●C脚进线

使用0.5mm²电线, 线长150mm, 可定做其他规格线长
Wire Length: 150mm, 0.5mm², Customize their Sizes



LB12B/16E Short 短款

Short-Length Series

Ith:3A 250VAC

1NO



低功耗LED: ≤20mA

Low Power Consumption LED: ≤20mA

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色

Normal Color: Red/Green/Blue, Customizable: Yellow/White



头部及外壳可做氧化彩色
Head and shell can be oxidized color



总长: 21.3mm

- 21.3mm 精致短款 Delicate
- RGBY 彩色氧化头部 Oxidized Color
- LED 50000H 长寿命灯珠 Long Life LED
- 100万次 机械寿命 Mechanical Life
- 底座V0 耐高温阻燃 Antif Laming
- 40~80°C 环境耐温强 Environment
- 定制1500VAC 高绝缘耐压 High-Insulation
- CCC RoHS REACH CE 专利及认证 Certificate



12mm

小巧精致, 可配接插件
Small and Beautiful



16mm

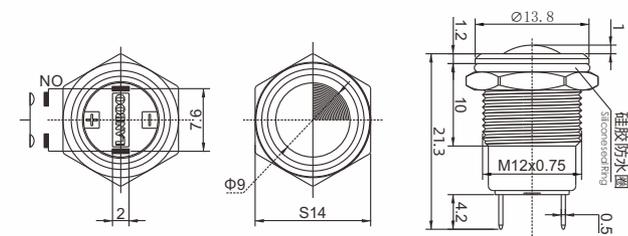
自复/自锁-1NO
Momentary/Latching-1NO



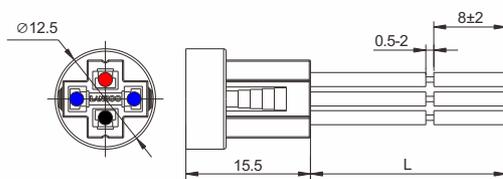
氧化彩色头部及外壳
Can be oxidized color



柔和高亮LED, 长寿命
Soft and bright Long-Life LED

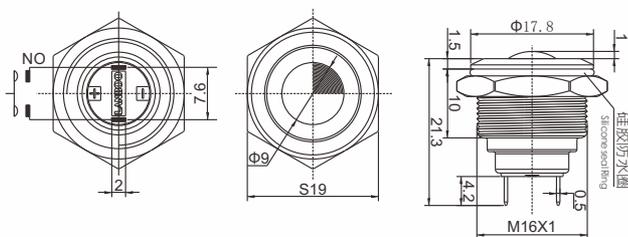


12B外形尺寸
Outline Dimension

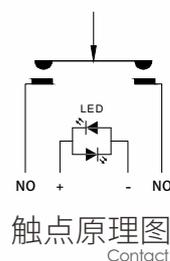


● 0.3mm² (NO) ●● 0.3mm² (LED±)

使用0.3mm²电线, 线长150mm, 可定做其他规格线长
Wire Length: 150mm 0.3mm², Customize other Sizes



16E外形尺寸
Outline Dimension



LB22B/25B NEW 升级款

大电流金属按钮开关

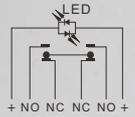
High-Current Button

Ith:10A 250VAC

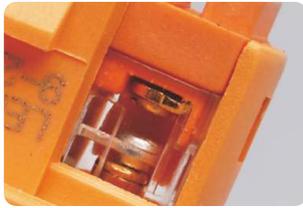
1NO1NC



大电流微动开关
High Current MicroSwitch



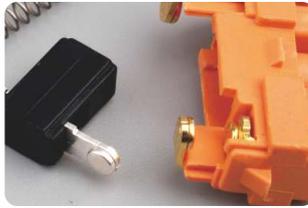
- 10A**
Ith
大电流开关
High-Current
- 2000VAC**
高绝缘耐压
High-Insulation
- 50000H**
长寿命灯珠
Long Life LED
- 100万次**
机械寿命
Mechanical Life
- 底座V0**
耐温阻燃
Antif Laming
- 40~80°C**
环境耐温强
Environment
- IP67/IK10**
防水防爆
Protection Level
- CCC RoHS REACH CE**
专利及认证
Certificate



可视化窗口,科技感十足
Visual Window



镀金/镀银插脚,导电性好
Silver/Gold Plated Pins



加粗触点,通过电流更大
Big Contact



柔和高亮LED
Soft And High Lighted LED

- 无灯
Without
- 环形灯
Ring LED
- 环形+电源
Power Symbol
- 红色
Red
- 绿色
Green
- 蓝色
Blue
- 黄色
Yellow
- 白色
White

低功耗LED: ≤20mA

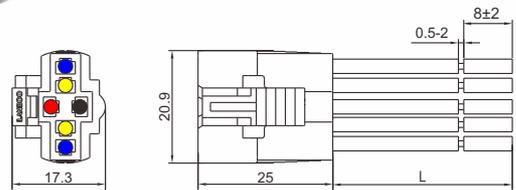
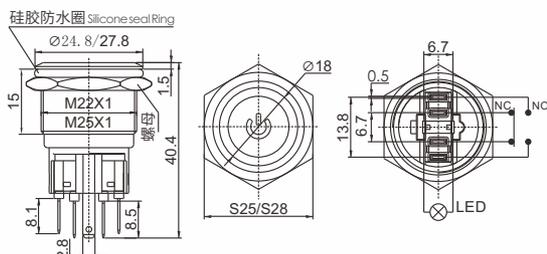
Low Power Consumption LED: ≤20mA

常规电压: 9-24V 220V, 定制其它电压

Normal Voltage: 9-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White



● 灯脚线 ● NC线 ● NO线

NC NO 使用1mm²电线, LED 0.5mm²电线, 线长150mm, 可定做其他规格线长

Wire Length: 150mm, NC NO : 1mm² wire, LED: 0.5mm² wire, Customize other Sizes

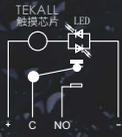
LB19/22CM TOUCH

1NO大电流双色触摸开关

1NO High-Current Bi-color Touch Switch

Ith:5A 250VAC

IP68



环形灯 Ring LED
环形+电源 Ring+Power Symbol

通电蓝色发光/触摸红色发光

Power-on-Blue/Touch Button-Red

LED长寿命 | 双色指示 | 灯光柔和

LED High Durability | Bi-Color | Lightsoft

输入电压:DC12V DC24V

Input Voltage



5A

Ith

大电流开关

High-Current



RB

红蓝双色指示

Bi-Color



LED

50000H

长寿命灯珠

Long Life LED



10万次

机械寿命

Mechanical Life



V2

耐温阻燃

Anti-flaming



-40~80°C

环境耐温强

Environment



IP68/IK10

防水防爆

Protection Level



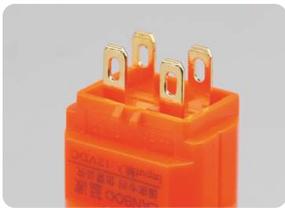
CCC RoHS REACH

专利及认证

Certificate



专用插件,卡扣设计
Connector



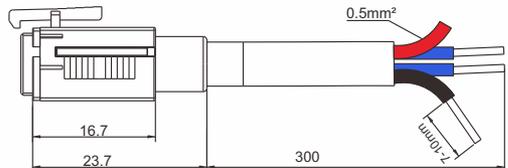
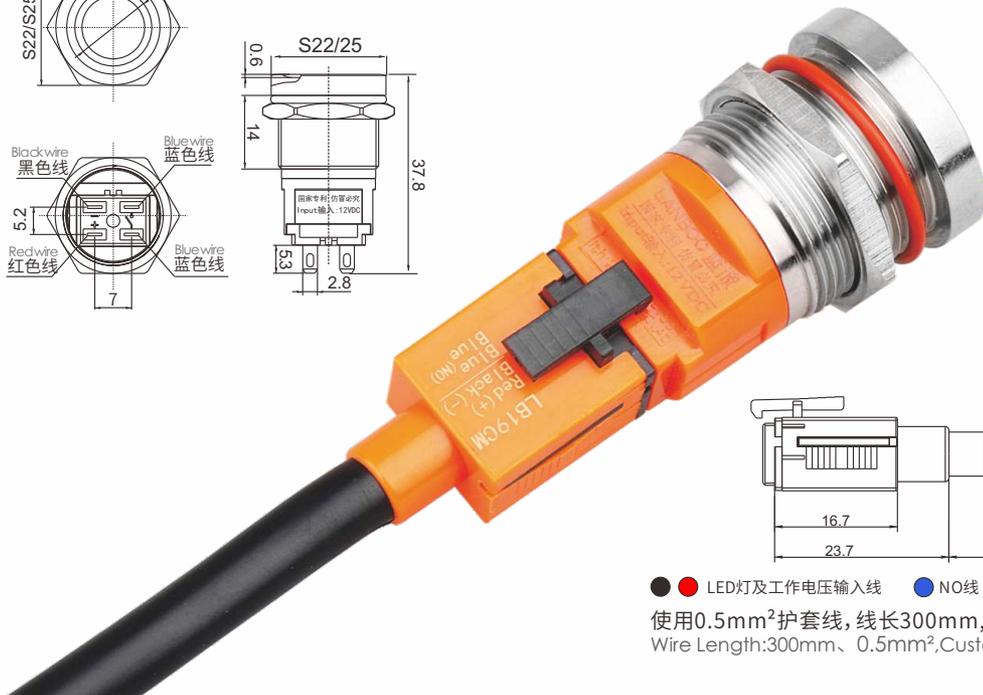
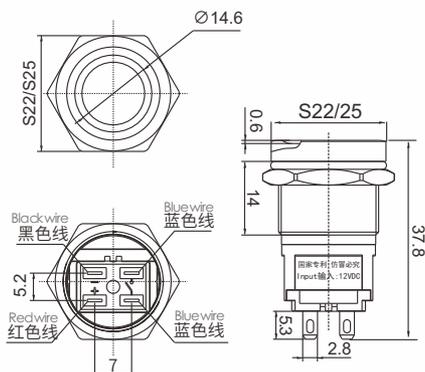
1NO 镀金插脚
1NO Gold-Plated Pins



4芯护套线
4 Core Sheath Wire



氧化黑/不锈钢
Oxidation Black/Stainless Steel



●● LED灯及工作电压输入线 ● NO线 (通电默断开, 触摸后导通, 无源信号)

使用0.5mm²护套线, 线长300mm, 可定做其他规格线长
Wire Length:300mm、0.5mm²,Customize other Sizes

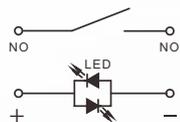
LB12-22QC 插脚款 Pins 带线款 With wire

Ultra-thin Tact Metal Buttons

超薄款轻触金属开关

Ith:0.5A 250VAC

1NO



低功耗LED: ≤20mA

Low Power Consumption LED: ≤20mA

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White



引脚款15mm 超短款 Short	IP65/IPK08 防水防爆 Protection Level	50000H 长寿命灯珠 Long Life LED	10万次 机械寿命 Mechanical Life	底座V0 耐高温阻燃 Antiflaming	-40~80°C 环境耐温强 Environment	轻触 按压手感好 Convenient press	CCC RoHS REACH CE UL 专利及认证 Certificate
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带线款底部灌胶
Glue filling



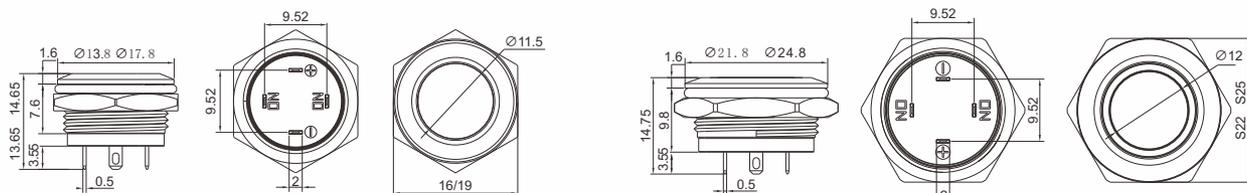
不锈钢外壳
Stainless Steel Shell



柔和高亮LED, 寿命达50000小时
Momentary With LED



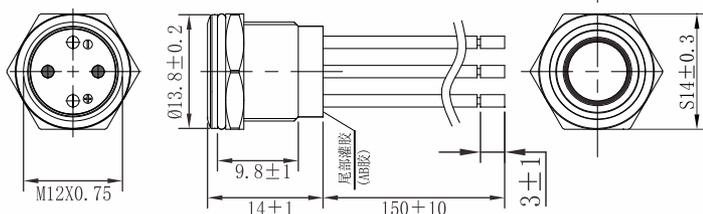
头部防水IP65/带线款IP67
Head waterproof IP65/With wire IP67



LB12/16QC (注: 12QC为 蕾丝螺母)

LB19QC LB22QC

LB12QC带线款



宇联新款 YULIAN New



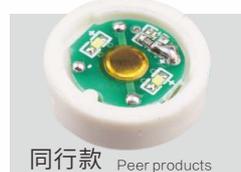
为了提升手感、按压行程、按压声音.....
宇联工程师为了寻找这颗满意的轻触开关, 寻找多家优秀轻触开关厂家还进行无数次的测试。

- 优点:**
1. 独立轻触开关, PCB焊接式, 性能更稳定。
 2. 行程略长, 按压手感更好, 有明显按压手感回馈。
 3. 声音清脆, 有微动开关的感觉。
 4. 接触电阻降低, 符合国家标准。



4颗无极长寿命LED灯珠
采用进口LED无极芯片, 采用全自动贴片机焊接。

- 优点:**
1. 无极LED, 不分正负极, 接线方便省事。
 2. 进口LED芯片, 亮度高, 寿命长, 色温一致性高。
 3. 4颗LED, 整体发光更均匀。
 4. 宇联拥有全自动贴片机, 焊点更美观牢固, 无虚焊。



同行款 Peer products



市场款导通部件
胶布粘固定的不锈钢钢仔片, 有胶带老化导致脱落, 贴歪偏心导致接触不良等.....

- 缺点:**
1. 胶布粘合, 容易老化导致脱落、移位.....
 2. 按了没按一样, 无明显手感反馈, 手感无。
 3. 电阻大或位置不准造成失灵风险。



2颗正负极的小灯珠
接线需分辨正负极, 手工焊接....

- 缺点:**
1. 接线需找正负极, 正负容易接反, 浪费时间。
 2. 两颗微型灯珠, 发光扩散不均匀。
 3. 手工焊锡, 容易粘连、虚焊, 可靠性差。
 4.

LB19A(2L)

金属按钮开关

Metal push-button switch

Ith:5A 250VAC

1NO1NC



红色 Red 绿色 Green 蓝色 Blue 黄色 Yellow 白色 white

常规电压: 3-6V/9-24V/220V, 定制其它电压

Normal Voltage: 3-6V/9-24V/220V, Customizable Other Voltage

常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色、双色(无极)、三色(无极)

Normal Color: Red/Green/Blue; Customizable: Yellow/White/Two-color (infinite)/three-color (infinite)



5A
Ith
5A开关
5A current



1500VAC/2000VAC
高绝缘耐压
High-Insulation



40000H
长寿命灯珠
Long Life LED



自锁30万次/
自复100万次
机械寿命
Mechanical Life



V0
耐温阻燃
V0 flame retardant



-40~80°C
环境耐温强
Environment



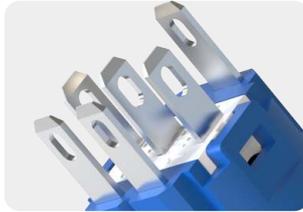
IP65/IPK10
防水防爆
Waterproof/explosion-proof



不锈钢按键, 坚硬耐磨
Stainless steel key



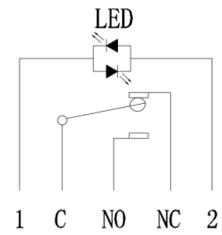
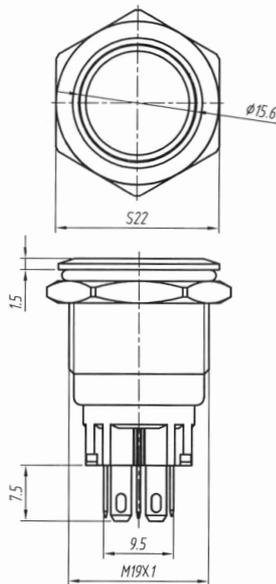
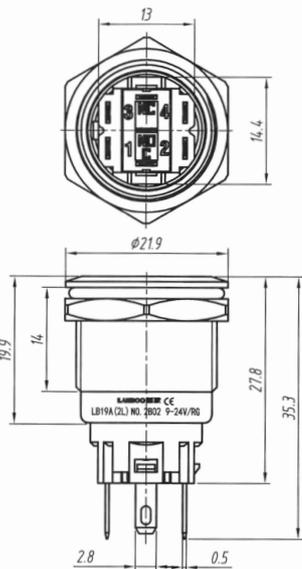
铜镀镍外壳, 抗压耐用
Copper-nickel plated housing



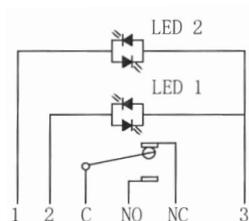
镀银插脚, 导电性能好
Silver-plated pins



长寿命LED
Long life LED



单色原理图



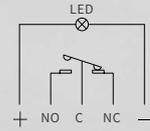
双色双LED原理图

LB16NZ Toggle Switch 钮子开关

Ith:20A/250VAC
1N01NC



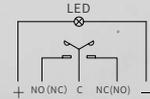
2档原理图
Schematic diagram of 2 gear



2档
2 gear



3档原理图
Schematic diagram of 3 gear



3档
3 gear



环形灯
Ring LED



红色
Red



绿色
Green



蓝色
Blue



黄色
Yellow



白色
White

低功耗LED: ≤20mA

Low Power Consumption LED: ≤20mA

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色; 定制: 黄色、白色、蓝色

Normal Color: Red/ Green; Customizable: Yellow/White/Blue



Ith:20A
大电流开关
High-Current



大手柄
档位清晰
Big Handle



50000H
长寿命灯珠
Long Life LED



50万次
机械寿命
Mechanical Life



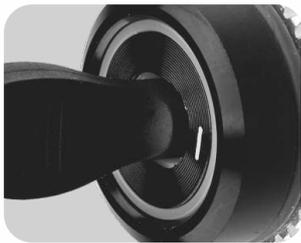
V0
耐温阻燃
Antif Laming



-40~80°C
耐温性能强
Environment



CCC RoHS REACH CE
专利及认证
Certificate



大手柄, 头部CD纹设计
Big handle, Easy Operation



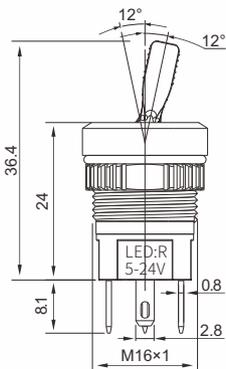
可配专用插件
Connector



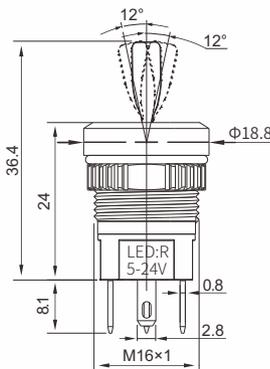
银触点, 加粗银插脚
Big Silver Pins



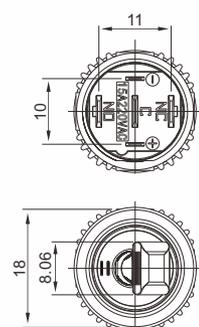
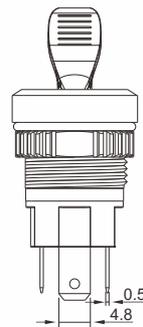
带灯指示
LED



2档
2 gear



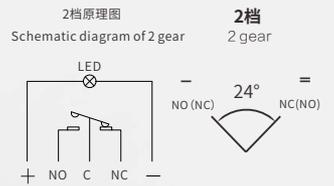
3档
3 gear



LB16NZ2 Toggle Switch 钮子开关

Ith:20A/250VAC

1NO1NC



环形灯 Ring LED



红色 Red, 绿色 Green, 蓝色 Blue, 黄色 Yellow, 白色 White

低功耗LED: ≤20mA

Low Power Consumption LED: ≤20mA

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色; 定制: 黄色、白色、蓝色

Normal Color: Red / Green; Customizable: Yellow / White / Blue



2档 2 gear



3档 3 gear



Ith:20A 大电流开关 High-Current



镀铜镍手柄 稳定耐用 Copper nickel plating



50000H 长寿命灯珠 Long Life LED



50万次 机械寿命 Mechanical Life



底座V0 耐温阻燃 Antif Laming



-40~80°C 耐温性能强 Environment



CCC RoHS REACH CE 专利及认证 Certificate



铜镀镍手柄 Copper nickel plating



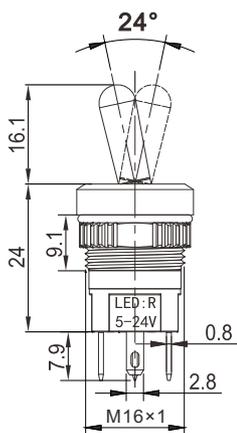
V0级阻燃底座 Flame retardant base



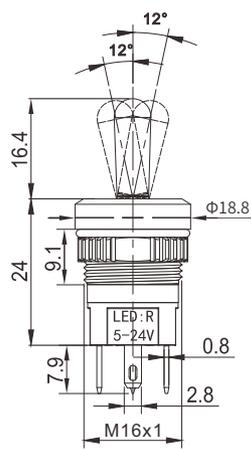
镀金/镀银引脚 Pin



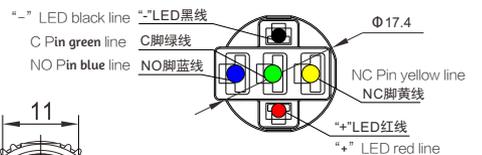
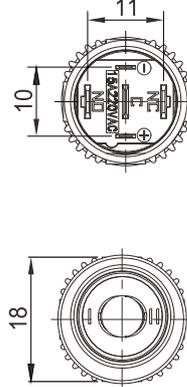
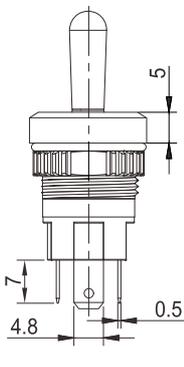
带灯指示 LED



2档 2 gear



3档 3 gear

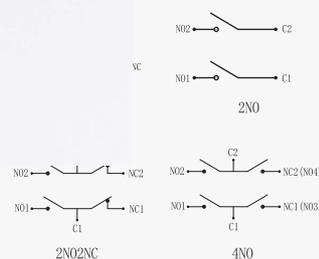
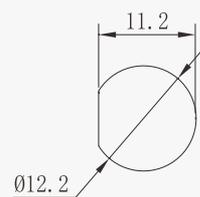


●●● 灯脚线 ●●● NC线 ●●● NO线 ●●● C脚进线
●●● 0.5mm², ●●● 1.5mm²,
线长150mm,可定做其他规格线长
Wire Length:150mm,Customize other Sizes

1NO1NC/2NO2NC/2NO/4NO

LB12NZ Toggle Switch 钮子开关

Ith:25A



手柄颜色可定制:红色、绿色、黑色
The handle color can be customized: red, green, black



Ith:25A
大电流开关
High-Current



铜镀铬手柄
稳定耐用
Copper chrome



银氧化锡触点
稳定性好
AgSnO₂



15万次
机械寿命
Mechanical Life



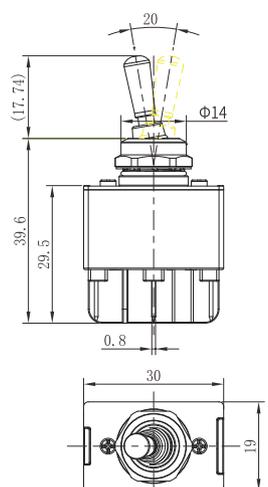
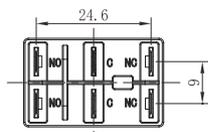
底座V0
耐温阻燃
Antif Laming



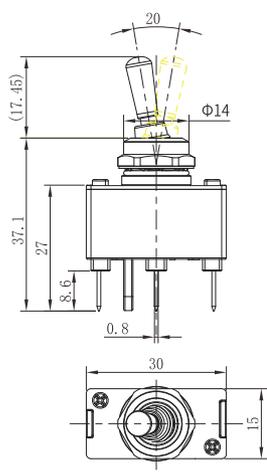
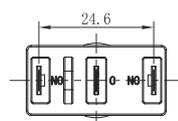
-40~85°C
耐温性能强
Environment



CCC RoHS REACH CE
专利及认证
Certificate



12NZ1



12NZ2



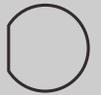
3档柄部

LB19/22X5 Knob 旋钮

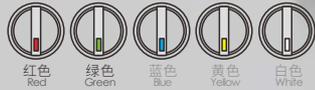
新款带灯 1N01NC/2N02NC

Ith:5A 250VAC

IP65



D型限位槽安装
D Locating Slot



低功耗LED: ≤20mA

Low Power Consumption LED: ≤20mA

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色; 定制: 蓝色、黄色、白色

Normal Color: Red / Green; Customizable: Blue / Yellow / White



大旋柄
手感更好
Big handle



50000H
长寿命灯珠
Long Life LED



25万次
机械寿命
Mechanical Life



镀金/银插脚
Gold Plated / Silver Pins



V2
耐温阻燃
Antif Laming



-40~80°C
耐温性能强
Environment



CCC RoHS REACH CE
专利及认证
Certificate



带灯,大旋柄
LED, Big Handle



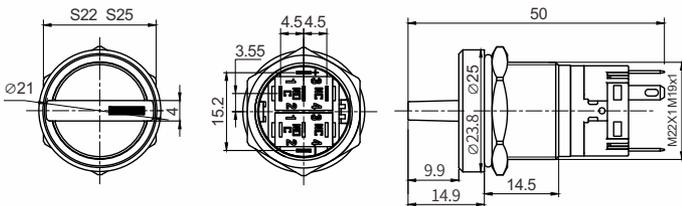
专用插件,防误碰设计
Connector



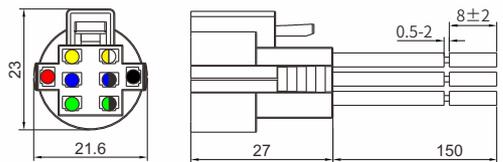
镀金银插脚,银触点
Gold Plated Pins / Silver Contact



头部防水,高亮LED
IP65, With LED



19mm 22mm



● 灯脚线 ● NC线 ● NO线 ● C脚进线

使用0.5mm²电线, 线长150mm, 可定做其他规格线长
Wire Length: 150mm, 0.5mm², Customize other Sizes

LB19/22Y5 KeySwitch 钥匙钮

新款带灯 1NO1NC/2NO2NC

Ith:5A 250VAC

定制IP65 Customization IP65



D型限位槽安装
D Locating slot



低功耗LED: ≤20mA

Low Power Consumption LED: ≤20mA

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色; 定制: 蓝色、黄色、白色

Normal Color: Red/Green; Customizable: Blue/Yellow/White



迷你柄
方便操作
MINI Handle



50000H
长寿命灯珠
Long Life LED



20万次
机械寿命
Mechanical Life



镀金/银插脚
Gold Plated/Silver Pins



V2
阻燃
Anti-falming



-40~80°C
耐温性能强
Environment



CCC RoHS REACH CE
专利及认证
Certificate



皮革纹路手柄, 手感好
Feel Good



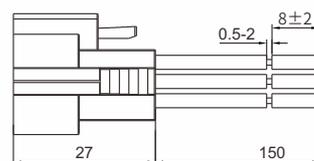
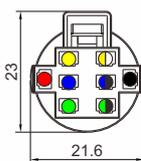
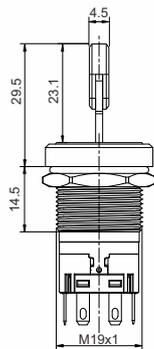
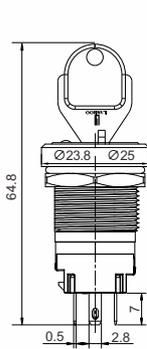
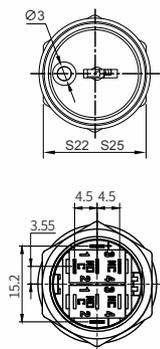
可配专用插件
Connector



镀金银插脚, 银触点
Gold Plated Pins/Silver Contact



带灯指示
LED



● 灯脚线 ● NC线 ● NO线 ● C脚进线
Lamp base wire NC Line NO Line C Pin Incoming line

使用0.5mm²电线, 线长150mm, 可定做其他规格线长
Wire Length: 150mm、0.5mm². Customizable other Sizes

LB12E-M/M4/M5.4 Series

防水带灯系列急停按钮 12/16/19/22mm

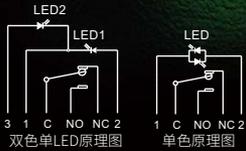
Emergency Stop button with LED Ith:5A 250VAC

12E-M
(IP65)
Ith:10A 250VAC

22M5.4
(IP65)

19M5.4
(IP65)

22M4
(IP65)



M4可做双色, 比如通电绿色, 按下红色
M4 Power on-Green LED, Push down button-Red LED

M5系列可达IP67, M4可定制IP65
M5 Series IP67, M4 can be customized IP65

低功耗LED: ≤20mA

Low Power Consumption LED: ≤20mA

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色; 定制: 蓝色、黄色、白色、M4红绿双色

Normal Color: Red/ Green, Customizable: Blue/ Yellow/ White/ M4 Red-Green Bi-color



RG

M4可做双色
M4 Bi-Color



2500VAC

M5绝缘耐压
High-Insulation



50000H

长寿命灯珠
Long Life LED



25万次

机械寿命
Mechanical Life



V2

耐阻燃
Anti Flaming



-40~80°C

环境耐温强
Environment



IP65/IK10

M5防水防爆
Protection Level



CCC RoHS REACH CE

专利及认证
Certificate



红绿双色指示、防滑边缘
Red-Green Bi-color



M5.1
M5.4 款

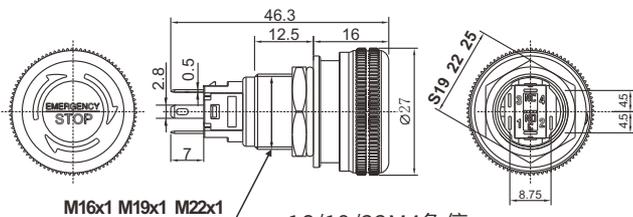
D型限位槽设计
"D" Locating Slot



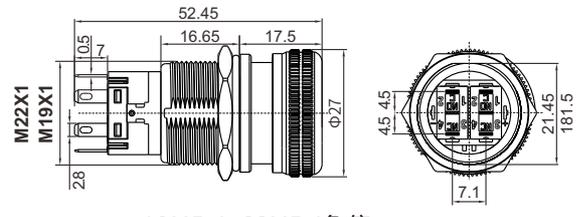
镀金插脚, 银触点
Gold Plated Pins/Silver Contact



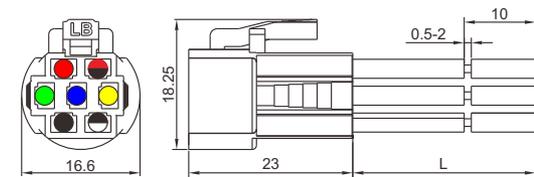
专用接插件
Connector



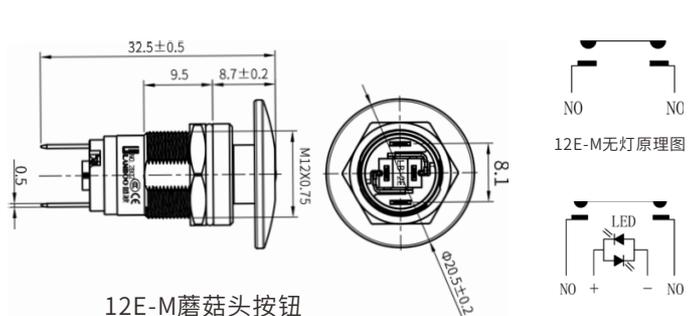
16/19/22M4急停
16/19/22M4 Stop Button



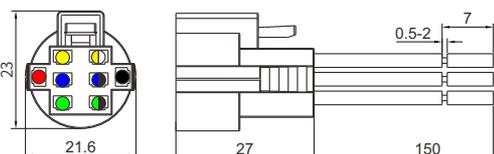
19M5.4 22M5.4急停
19/22M5.4 Stop Button



16M4 16A-M11专用接插件
Connector



12E-M蘑菇头按钮
12E-M Emergency stop button



M5.1 M5.2 M5.4专用接插件
Connector

● 灯脚线 ● 双色灯脚线 ● NC线 ● NO线 ● C脚进线

使用0.5mm²电线, 线长150mm, 可定做其他规格线长
Wire Length: 150mm 0.5mm², Customize other Sizes

急停系列

STOP Series

16 / 19 / 22m



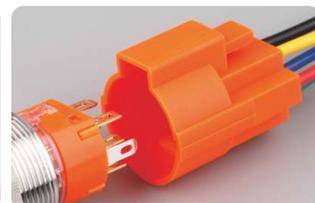
铝氧化加大头部, 手感好
Aluminum Oxide Red



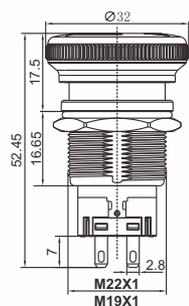
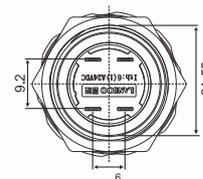
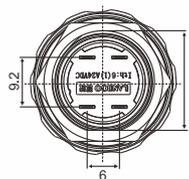
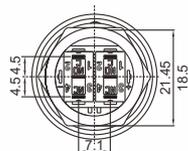
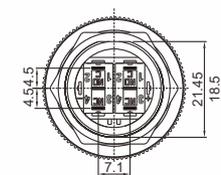
M5.1
M5.4 款
D型限位槽设计
"D" Locating Slot



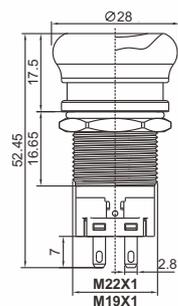
1NO 1NC 2NO 2NC
镀金插脚, 银触点
Gold Plated Pins/Silver Contact



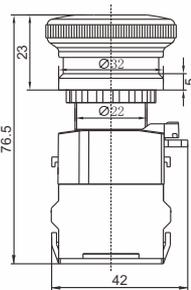
专用接插件
Connector



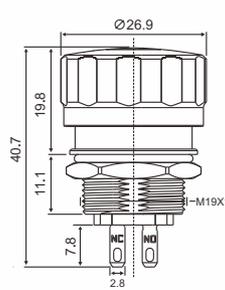
M5.1



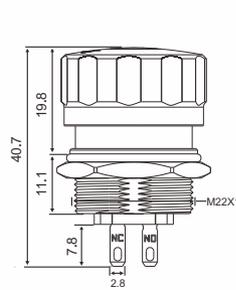
M5.2



M3



19M6



22M6

塑料急停系列

SM Series

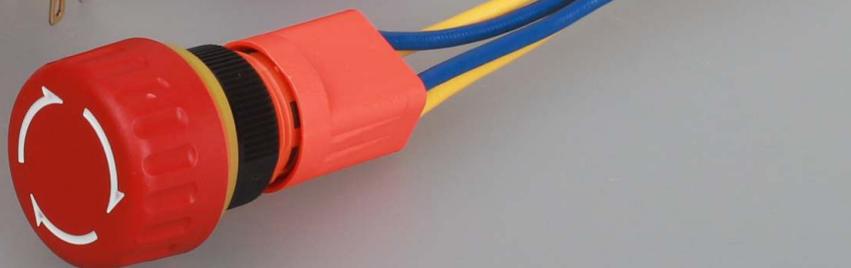
16mm

IP65

16SM



16SM2



16SM3 (抗UV)

(UV resistance)



防滑头部设计
Head anti slip design



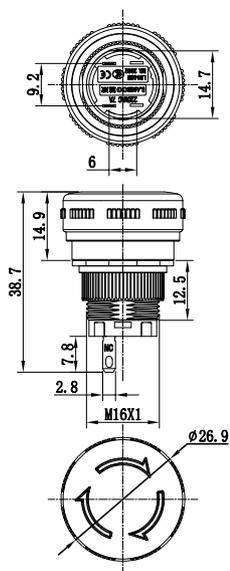
V0级阻燃外壳
V0 flame-retardant shell



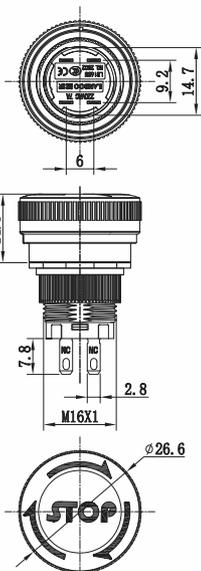
镀金插脚, 银触点
Gold Plated Pins/Silver Contact



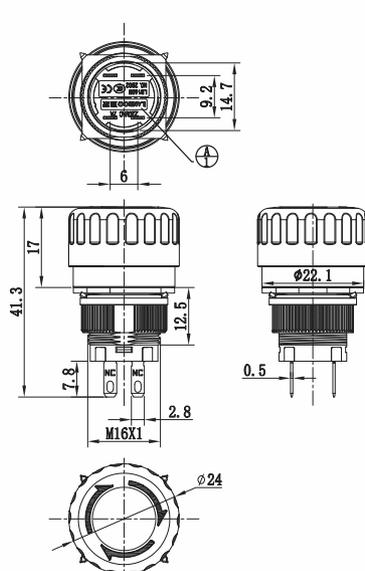
专用接插件
Connector



16SM



16SM2



16SM3

高防水带线系列

High waterproof series



高防水带线系列命名规则

Naming convention for high waterproof belt line series

LB \emptyset ■-★◆◇/◎▲▼/◎●→/○/(L)/※

其它备注: 定制符号、防水要求、特殊颜色要求等

Other remarks: customized symbols, waterproof requirements, special color requirements, etc

(L): 内部代码

(L): Internal code

接头名称: M12-4P (公插), M12-6P (公插), M12-8P (公插), 无-剥线
Connector name: M12-4P (male), M12-6P (male), M12-8P (male), no stripping wire

线长: 150-默认150mm (可定制其它线长)

Line length: 150- default 150mm (other line lengths can be customized)

外壳材质: S-不锈钢, 可定制: N-镀铜铬、A-铝氧化

Shell material: S-stainless steel, customizable: N-copper plated chromium, A-aluminum oxide

LED电压: 5-24V 220V, 定制: 25-48V、110V、AC/DC 通用

LED voltage: 5-24V 220V, customized: 25-48V, 110V, AC/DC universal

发光颜色: R-红色 G-绿色 B-蓝色 定制: Y-黄色 W-白色、三色

Luminous color: R-red G-green B-blue Customization: Y-yellow W-white, three colors

发光形状: E-环形 钥匙与旋钮不写此代码

Luminous shape: E-ring, E+XD-ring+dot, knob and key knob do not write this code

动作形式: F-自复式(点动式) Z-自锁式(保持式)

Action form: F-self resetting (inching) Z-self locking (holding)

开关组合: 10-1NO 20-2NO

Switch combination: 10-1NO 20-2NO

头部研状: P-平头 Y-钥匙钮 X-旋钮 G-高头 E+DY 环形+电源标

Head shape: P-Flat head, Y-Key, X-Knob, G-High head, E+DY-Ring+Power Label

系列号: F-带防水系列 Y1-钥匙钮 X1-旋钮

Serial number: F-With waterproof series, Y1-Key, X1-Knob

安装直径: 16/19/22mm

Installation diameter: 16/19/22mm

宇联代号

YULIAN Code

LB16F-19F

带线防水金属按钮开关

Metal Button Switch

平头/高头/环形+电源标

Flat head/High head/Ring+Power Label

Ith:7A 250VAC



外壳材质: 不锈钢、铜镀铬, 可定制铝氧化、不锈钢镀钛

Material: stainless steel/Copper chrome plating;
Customizable: Aluminum oxidation/Stainless steel titanium plating

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色

Normal Color: Red/ Green/Blue; Customizable: Yellow/White



Ith:7A
大电流开关
High-Current



1500VAC
高绝缘耐压
High-Insulation



Metal
不锈钢外壳
stainless steel



50000H
长寿命灯珠
Long Life LED



30万次
机械寿命
Mechanical Life



IP68/IK10
防水防爆
Protection Level



-40~80°C
环境耐温强
Environment



CCCRoHS CE REACH
专利及认证
Certificate



不锈钢外壳, 坚固耐用
stainless steel



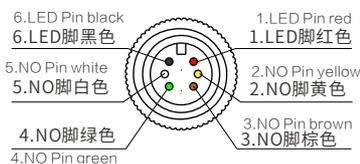
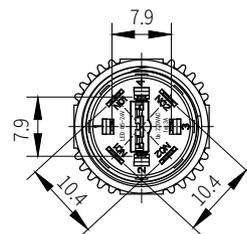
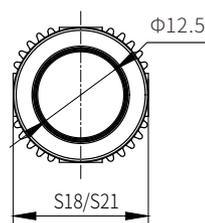
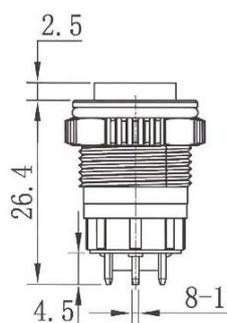
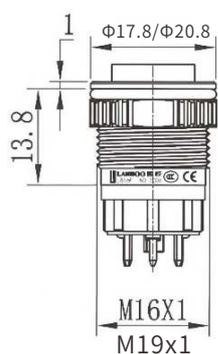
镀金/银引脚
Silver tin oxide



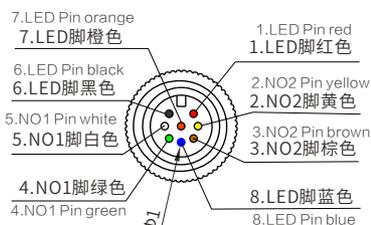
线性环形发光
stainless steel



防水等级IP68
Waterproof grade IP68



6线单色脚位

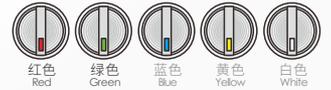


8线三色脚位

型号16F/19F/16X1/19X1/16V1/19V1通用

LB16X1-19X1 旋钮 Knob

Ith:7A 250VAC



低功耗LED: $\leq 20\text{mA}$
 Low Power Consumption LED: $\leq 20\text{mA}$
 常规电压: 5-24V 220V, 定制其它电压
 Normal Voltage: 5-24V 220V, Customizable Other Voltage
 常规颜色: 红色、绿色; 定制: 蓝色、黄色、白色
 Normal Color: Red/ Green; Customizable: Blue/ Yellow/ White



大旋柄
手感更好
Big handle



50000H
长寿命灯珠
Long Life LED



二档:10万次
机械寿命
Mechanical Life



镀金/银插脚
Gold Plated/Silver Pins



V2
耐温阻燃
Anti-laming



-40~80°C
耐温性能强
Environment



CCC RoHS REACH CE
专利及认证
Certificate



带灯, 大旋柄
LED, Big Handle



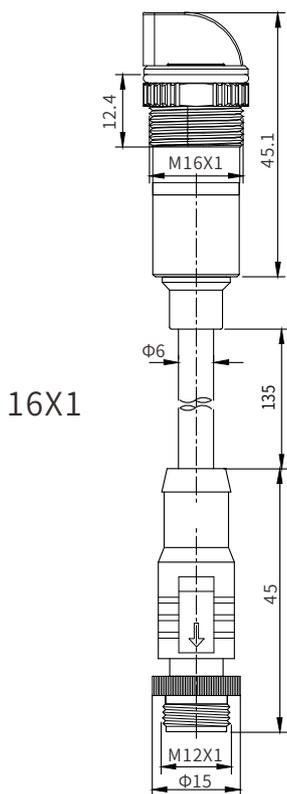
镀金/银插脚
Gold Plated Pins/Silver Contact



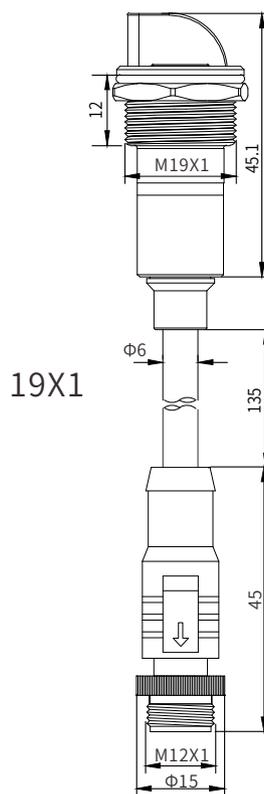
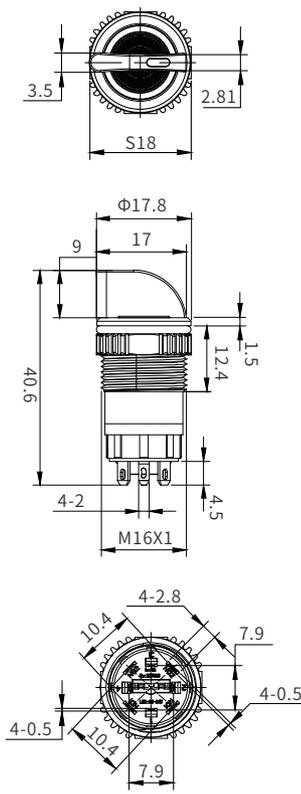
不锈钢外壳, 坚固耐用
stainless steel



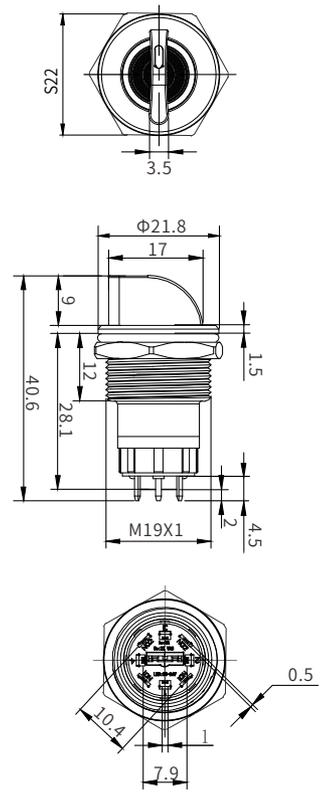
高亮LED 经久耐用
Long Life LED



16X1



19X1



LB16Y1-19Y1 Key Switch 钥匙钮

Ith:5A 250VAC



红色 Red 绿色 Green 蓝色 Blue 黄色 Yellow 白色 White

低功耗LED: $\leq 20\text{mA}$

Low Power Consumption LED: $\leq 20\text{mA}$

常规电压: 5-24V 220V, 定制其它电压

Normal Voltage: 5-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色; 定制: 蓝色、黄色、白色

Normal Color: Red/Green; Customizable: Blue/Yellow/White



配套钥匙
Key



大手柄
方便操作
Big Handle



50000H
长寿命灯珠
Long Life LED



二档: 10万次
机械寿命
Mechanical Life



镀金/银插脚
Gold Plated/Silver Pins



V2
耐温阻燃
Anti-falming



-40~80°C
耐温性能强
Environment



CCC RoHS REACH CE
专利及认证
Certificate



大手柄方便操作
Big Handle



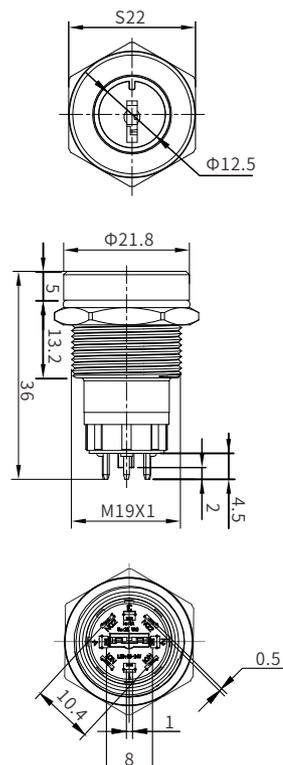
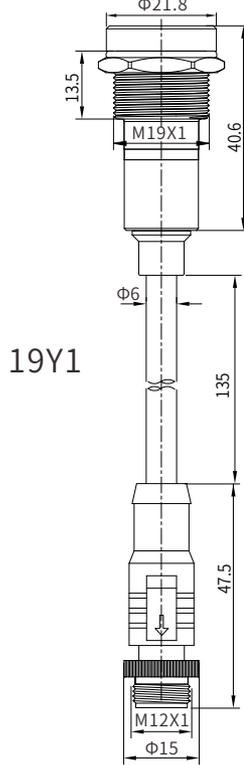
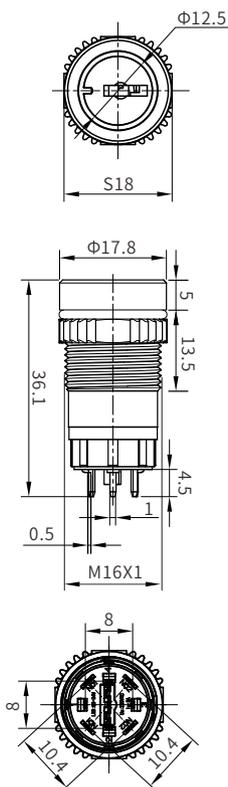
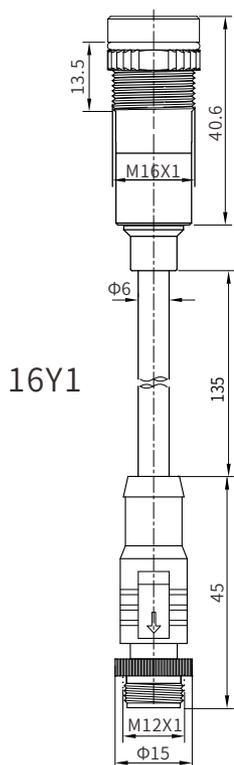
不锈钢外壳
Stainless steel



镀金/银引脚
Silver tin oxide



环形指示灯
LED



LB22F 平头(带防水)金属按钮开关

Metal Button Switch

Ith:10A 250VAC



外壳材质: 不锈钢, 可定制铝氧化、铜镀铬
 Material: stainless steel;
 Customizable: Aluminum oxidation/Copper chrome plating
 常规电压: 5-24V 220V, 定制其它电压
 Normal Voltage: 5-24V 220V, Customizable Other Voltage
 常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色
 Normal Color: Red/Green/Blue; Customizable: Yellow/White



Ith:10A
大电流开关
High-Current



2500VAC
高绝缘耐压
High-Insulation



Metal
不锈钢外壳
stainless steel



50000H
长寿命灯珠
Long Life LED



30万次
机械寿命
Mechanical Life



IP68/IK10
防水防爆
Protection Level



-40~80°C
环境耐温强
Environment



CCC RoHS CE REACH
专利及认证
Certificate



不锈钢外壳, 坚固耐用
stainless steel



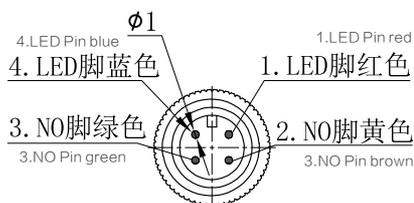
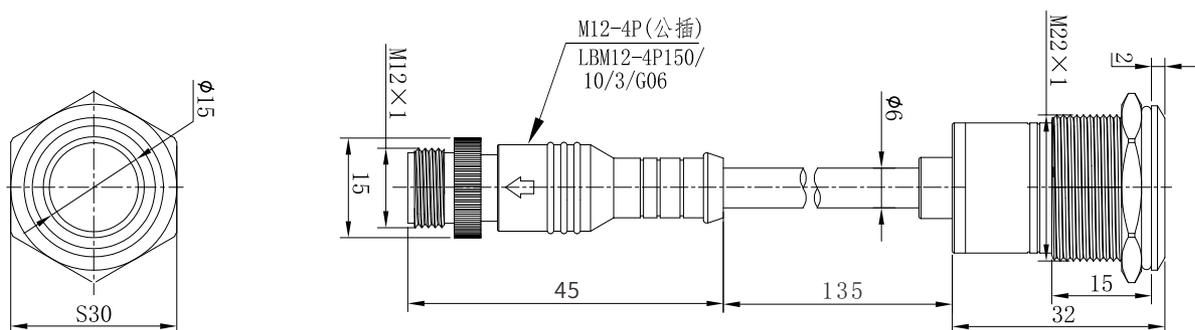
高亮LED, 经久耐用
Long Life LED



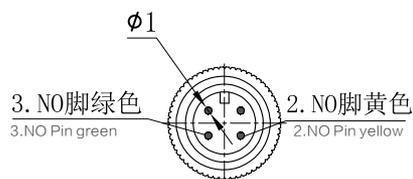
不锈钢按键
stainless steel



防水等级IP68
Waterproof grade IP68



带灯
LED



无灯
No LED

LB6-25Z 信号灯

Indicator Light

IP68



6-12mm: IP40/其中10/12mm可做双色9-24V 220V
 6-12mm: IP40, 10/12mm Bi-color/9-24V 220V
 16-25mm: IP68/螺丝脚款可做双色三色/5-24V 220V
 16-25mm: IP68/Screw pins Bi-color, Tri-color/5-24V 220V
 16-25Z带线灌胶款全身防水IP68
 16-25Z with wire can be used for glue filling. Full body waterproof IP68



- 
RGB
 可做双色三色
Bi-Color Tri-Color
- 
灯光高亮
 大发光面
Whole Facelight
- 
50000H
 长寿命灯珠
Long Life LED
- 
<20mA
 低功耗
Low-Power
- 
V0
 耐温阻燃
Antif Laming
- 
-40~80°C
 环境耐温强
Environment
- 
IP68/IK10
 防水防爆
Protection Level
- 
CCC RoHS REACH CE
 专利及认证
Certificate



6-12mm 亚光面发光
Matte Surface



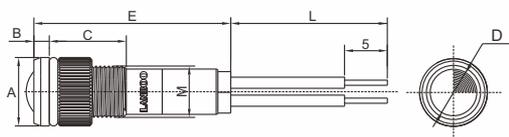
16-25mm 亮面大发光面
Bright Glowing



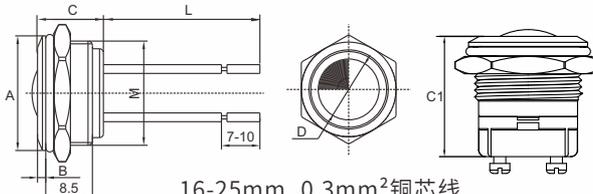
16-25mm 螺丝脚款可做双色三色
Screw Pins/Bi-Color/Tri-Color



16-25Z 带线款灌胶, 全身防水IP68
16-25Z with wire used for glue filling.
Full body waterproof IP68



6~12mm 0.15mm²铜芯线
Copper core wire



16-25mm 0.3mm²铜芯线
Copper core wire

直径 Diameter	A	B	C	D	E	L
6mm	∅8	1.8	9	∅5.5	23	150
8mm	∅10	1.8	10	∅5.5	23.6	150
10mm	∅12	1.8	11	∅8	23.6	150
12mm	∅14	1.8	11	∅8	23.6	150

直径 Diameter	A	B	C	C1	D	L
16mm	∅17.8	1.5	12	18	∅11.5	150
19mm	∅20.9	1.5	12	18	∅11.5	150
22mm	∅24.8	2	13	18	∅18	150
25mm	∅27.9	2	13	18	∅18	150

LB8A 高亮信号灯

High light Indicator Light

IP68



低功耗LED: $\leq 20\text{mA}$
Low Power Consumption LED

常规电压: 5-24V 220V, 定制其它电压
Normal Voltage: 5-24V 220V, Customizable Other Voltage



- 灯光高亮 大发光面
Whole Face Light
- 72° 透镜聚光
Optical lens Spotlight
- LED 50000H
长寿命灯珠
Long Life LED
- $< 20\text{mA}$
低功耗
Low power Consumption
- V2 耐温阻燃
Anti Laming
- 40~80°C
环境耐温强
Environment
- IP68/IK10
防水防爆
Protection Level
- CCC RoHS REACH CE
专利及认证
Certificate



小巧精致
Delicate



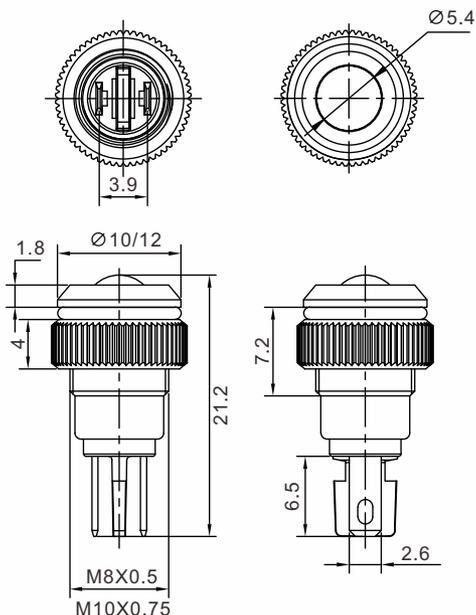
专用插插件
Connector



透镜聚光好
Optical lens Spotlight



五颜六色, 灯光明亮
Multicoloured



金属指示灯命名规则

Naming convention for metal indicator lights

- LB \diamond \star \odot \blacktriangle \blacktriangledown \odot \bullet \ast
- 其它备注: 定制符号、防水要求、特殊颜色要求等
Other remarks: customized symbols, waterproof requirements, special color requirements, etc
 - 螺丝脚: J-螺丝脚 Screw foot: J-screw foot
 - 线长-150mm (标注150mm, 可定做其它尺寸); (不带线的指示灯忽略此项)
Line length - 150mm (marked with 150mm, other sizes can be customized), (ignored for indicator lights without lines)
 - 外壳材质: S-不锈钢 N-黄铜镀铬 A-铝氧化
Shell material: S-stainless steel N-brass chrome plating A-aluminum oxidation
 - 带灯电压: 6-12Z-9-24V/220V; 16Z-25Z, 8A: 5-24V/220V, 其它电压定制
Voltage with lamp: 6-12Z: 9-24V/220V; 16Z-25Z, 8A: 5-24V/220V, customized for other voltages
 - 发光颜色: R-红 G-绿 B-蓝 Y-黄 W-白 RG-双色 RGB-三色
Glow color: R-red G-green B-blue Y-yellow W-white RG-two-tone RGB-Tricolor
 - 发光类型: C-整面发光 D-点灯 (暂无)
Luminous type: C-full face luminous D-lighting (currently unavailable)
 - 头部形状: P-平头 Q-球头
Head shape: P-flat head Q-ball head
 - 系列号: Z-高端款 A-高亮款 (8A, 仅 $\phi 8\text{mm}$) D-老款
Series Number: Z-High end A-High highlight (8A, only $\phi 8\text{mm}$) D-old model
 - 开孔尺寸 (Dimension): $\phi 6, \phi 8, \phi 10, \phi 12, \phi 16, \phi 19, \phi 22, \phi 25\text{mm}$
 - 宇联代码
YULIAN Code

例: 直径12mm, 球头整面黄色发光, 12V, 铜镀铬材质 对应型号: LB12Z-Q/CY9-24V/N/150(L)

Example: 12mm diameter, ball head emitting yellow light on the entire surface, 12V, copper chrome plated material
Corresponding model: LB12Z-Q/CY9-24V/N/150(L)

LBFMQ 蜂鸣器

ACOUSTO-OPTIC BUZZER SERIES

金属头部/阻燃外壳

Metal head/Retardant shell

70~100dB/5cm

DC 12V/24V/AC220V



70-100DB/5cm
蜂鸣响亮
Sonority



约0.5S
间隙闪烁
Clearance Flashing



10000H
持续通电1万小时
Continuous Electricity



5000VAC
抗电强度
Electrical resistance strength



V2
耐高温阻燃
Anti-flaming



-40~80°C
耐温性能强
Environment



CCC RoHS REACH CE
专利及认证
Certificate



不锈钢头部
Stainless Steel



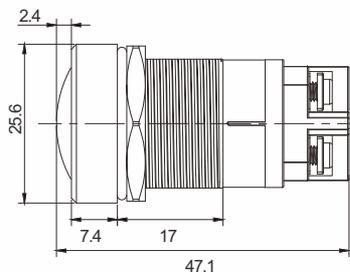
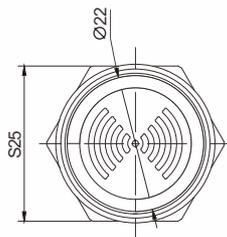
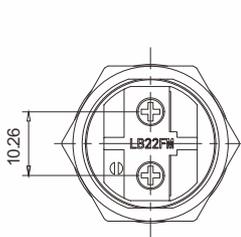
球头发光角度更大
Ball head



螺丝脚方便接线
Screw Pins



高亮闪烁灯光
70dB/LED



2系列经济款

2Series economical models

12B2 16A2 19A1.2 22B2 25B2

12B2金属按钮开关



16A2金属按钮开关 Metal Button Switch



19A1.2金属按钮开关 Metal Button Switch



22B2 25B2金属按钮开关 Metal Button Switch



LB16SA Series

新品-塑料按钮开关

Flame Retardant Plastic Switch

高亮面材质 Bright surface

1NO1NC



整面发光
Bright Surface



红色 Red 绿色 Green 蓝色 Blue 黄色 Yellow 白色 White

低功耗LED: $\leq 20\text{mA}$

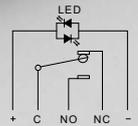
Low Power Consumption LED: $\leq 20\text{mA}$

常规电压: 9-24V 220V, 定制其它电压

Normal Voltage: 9-24V 220V, Customizable Other Voltage

常规颜色: 红色、绿色、蓝色; 定制: 黄色、白色

Normal Color: Red/Green/Blue; Customizable: Yellow/White



12.4mm
大发光面
Whole Face LED



5000VAC
高绝缘耐压
High-Insulation



50000H
长寿命灯珠
Long Life LED



20万次
机械寿命
Mechanical Life



V0
耐温阻燃
Antiflaming



-40~80°C
环境耐温强
Environment



IP65
防尘防溅水
Protection Level



CCC RoHS REACH CE TUV CE(TUV) CB(TUV)
专利及认证
Certificate



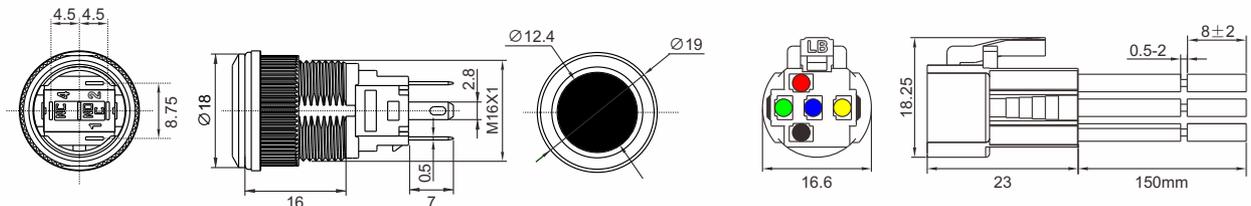
发光面积大, 灯光柔和
Whole Face LED



专用接插件, 镀银插脚
Connector Silver Plated Pins



按键凹面设计, 防滑螺母
Non-Slipnuts



● ● LED灯脚

● Nc常闭脚 ● No常开脚 ● C公共进线脚

0.5mm²电线, 长150mm, 可定做其他规格线长
Wire Length: 150mm 0.5mm², Customize other Sizes

LB22SA1

高端快插式按钮开关、指示灯
Push Button、Indicator Light

彻底改变传统接线

Completely change the traditional wiring

Fast Connection



1S
秒插接线



Ui:660V
Ith:25A



22mm
开孔直径



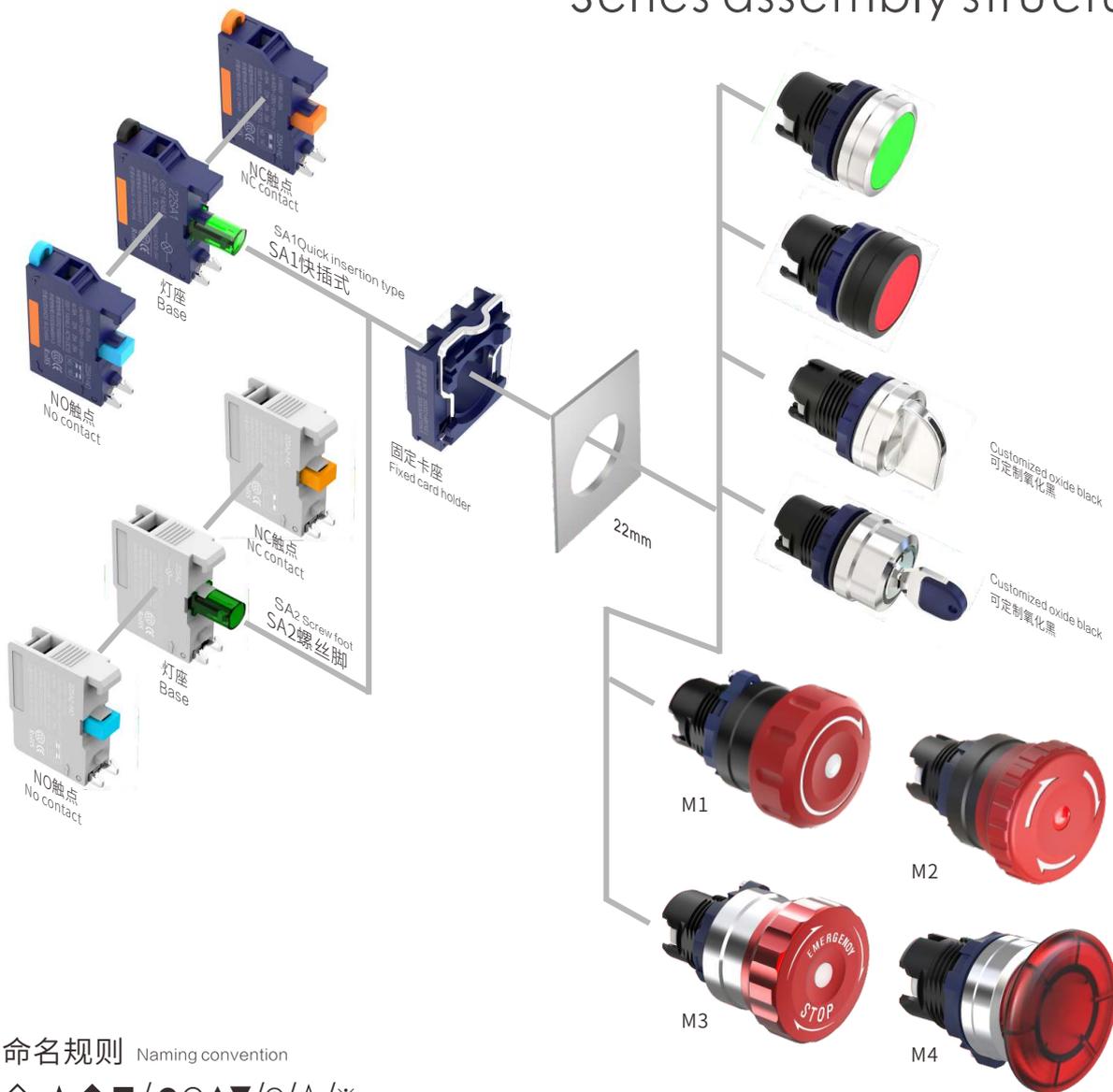
50000H
长寿命LED



≥50万次电气寿命
≥1000万次机械寿命

LB22SA系列组装结构

Series assembly structure



型号命名规则 Naming convention

LB \diamond \star \blacklozenge \bullet \circ \blacktriangle \blacktriangledown \odot \star ※

其它备注: 定制符号、防水要求、特殊颜色要求等

Other remarks: customized symbols, waterproof requirements, special color requirements, etc

档 位: 2-2档 3-3档 (针对旋钮及钥匙钮,其他开关请忽视)

Gear position: 2-2 gear, 3-3 gear (for knobs and key knobs, please ignore other switches)

头部材质: A-铝氧化本色 PC-塑料 Y-塑料银色喷漆

Head material: A-aluminum oxide natural color PC plastic Y-plastic silver paint

带灯电压: 9-24V 220V, 定制: 25-48V 110V (无灯款请忽视)

Voltage with lamp: 9-24V 220V, customized: 25-48V 110V (please ignore without lamp)

发光颜色: R-红色 G-绿色 B-蓝色 Y-黄色 W-白色 (无灯款请忽视)

Luminous color: R-red G-green B-blue Y-yellow W-white (please ignore the unlit version)

发光类型: C-整面发光 (只有平钮及信号灯整面发光,其他款忽略)

Luminous type: C-full face luminous (only flat buttons and signal lights are full face luminous, ignored for other models)

按键颜色: R-红色 G-绿色 B-蓝色 Y-黄色 W-白色 H-黑色 (带灯款请忽视)

Key color: R-red G-green B-blue Y-yellow W-white H-black (please ignore the illuminated version)

操作类型: F-自复式(点动式) Z-自锁式(保持式)

Operation type: F-self resetting (inching) Z-self locking (holding)

开关组合: 10-1NO 1常开 1 normally open 20-2NO 2常开 2 normally open

30-3NO 3常开 3 normally open 1C-1NC 1常闭 1 normally closed

2C-2NC 2常闭 2 normally closed 3C-3NC 3常闭 3 normally closed

12-1NO2NC 1常开2常闭 21-2NO1NC 2常开1常闭

11-1NO1NC 1常开1常闭 22-2NO2NC 2常开2常闭

33-3NO3NC 3常开3常闭 44.....

头部形状: P-平头 B-头薄 Q-球头 Y-钥匙钮 X-旋钮 M-急停

Head shape: P-flat head B-thin head Q-ball head Y-key knob X-knob M-emergency stop

SA1板手快插系列号: SA1-平钮 Flat button SA1X1-旋钮 knob SA1Y1-钥匙钮 key SA1Z1-信号灯 Signal lamp

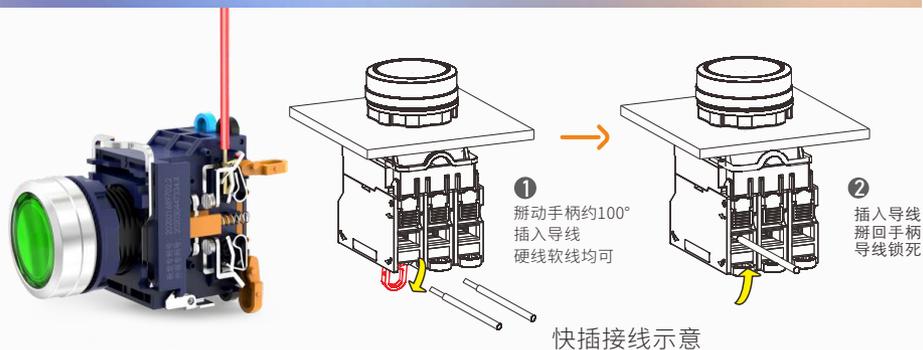
SA1 Serial number SA1M1-塑料急停 Plastic emergency stop SA1M2-塑料急停 Plastic emergency stop SA1M3-金属急停 Metal emergency stop SA1M4-塑料蘑菇钮 Mushroom button

SA2螺丝接线系列号: SA2-平钮 Flat button SA2X1-旋钮 knob SA2Y1-钥匙钮 key

SA2 Serial number SA2M1-塑料急停 Plastic emergency stop SA2M2-塑料急停 Plastic emergency stop SA2M3-金属急停 Metal emergency stop SA1M4-塑料蘑菇钮 Mushroom button

安装孔直径 (Installation diameter) : 22mm

字联代号 YULIAN Code



IP65 IK08



→ Ith:25A

慢动双银点
Silver Contact



→ 3500VAC

工频耐压
Rated impulse
withstand voltage



→ 10000000

次机械寿命
Mechanical life



→ 1S

秒插接线
Second patch cord



→ 80N

正向拉力
电线无脱落
Wire locking strength

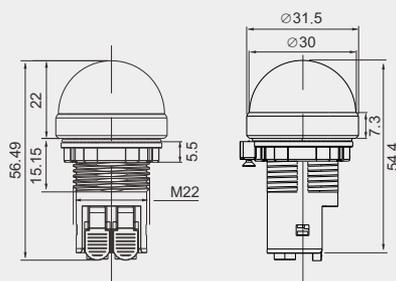


180°
水平无盲区

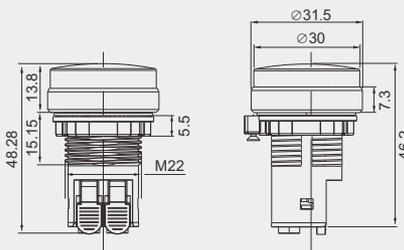


360°
发光指示

大球面高亮发光 安全再次升级
Large sphere highlighting Security upgrade again



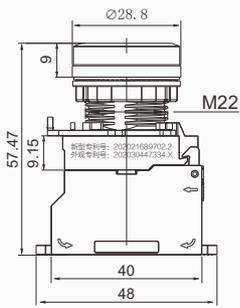
球头指示灯
Ball head indicator light



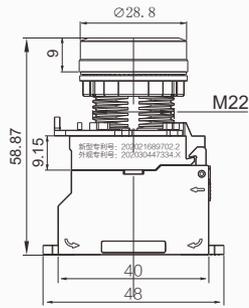
平头指示灯
Flat head indicator light

LB22SA1 高端快插式按钮开关、指示灯

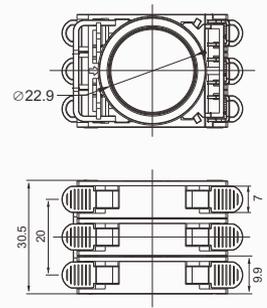
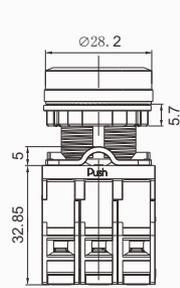
Plastic Push Button、Indicator Light



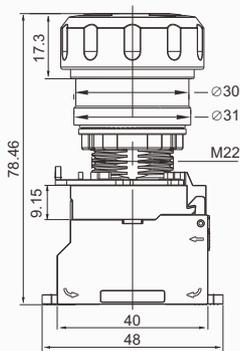
无灯复位款
No light reset model



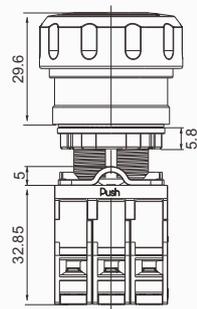
带灯自锁/自复
无灯自锁款
Self locking/self resetting with lights
Unlighted self-locking model



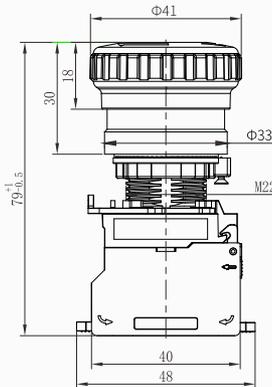
所有触点模块尺寸相同
All contact modules have the same size



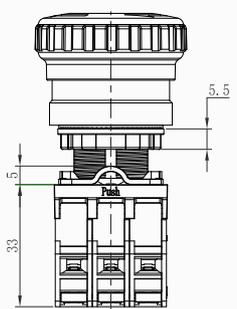
M1急停(塑料红色头部)
M1 emergency stop (plastic red head)



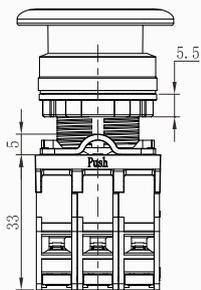
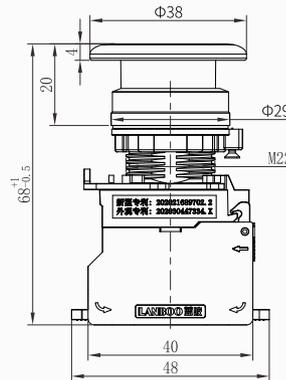
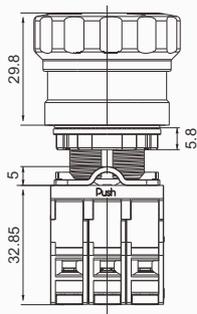
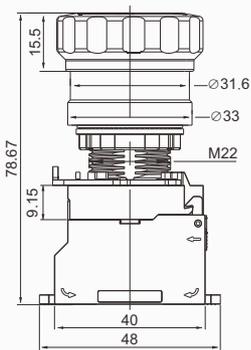
M2急停(塑料红色头部)
M2 emergency stop (plastic red head)



M3急停(铝氧化红色头部)
M3 emergency stop (Aluminium oxide red head)

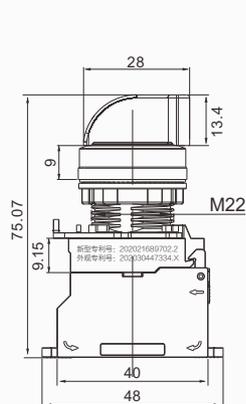


M4蘑菇头按钮(红色/绿色塑料头部)
M4 Mushroom head button (red/green plastic head)

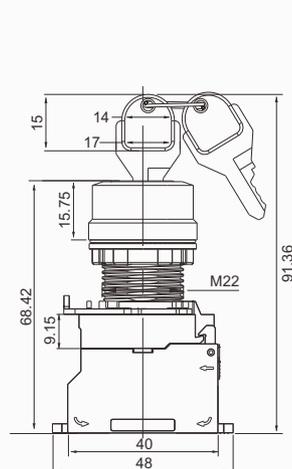
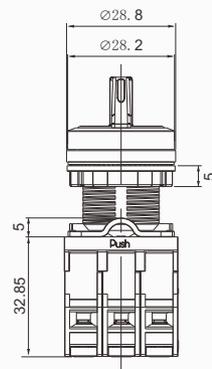


M3急停(铝氧化红色头部)

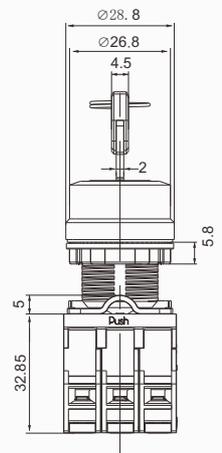
M4蘑菇头按钮(红色/绿色塑料头部)

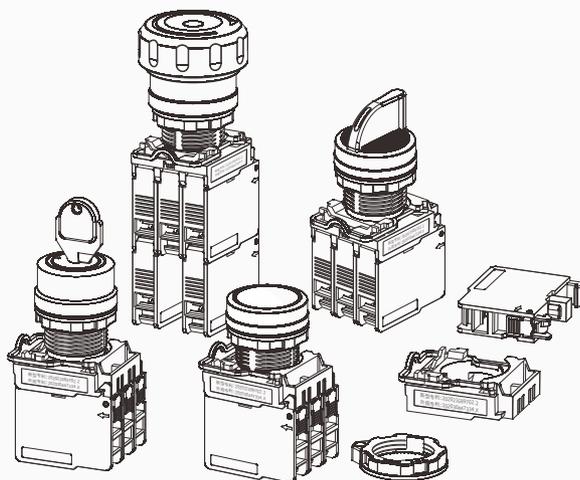


旋钮
knob



钥匙
key





- 

3NO3NC...
多触点组合
- 

25A
U_i:660V
I_{th}:25A
- 

22mm
开孔直径
- 

LED
50000H
长寿命LED
- 

≥50 万次电气寿命
≥1000 万次机械寿命

LB22SA2

多触点组合式按钮开关、指示灯
Multi contact combination button switch and indicator light





IP65
IK08



→ Ith:25A
慢动双银点
Silver Contact



→ ≤ 4.5mm
急停安装最
大面板厚度
Emergency stop
Installation



→ 3500VAC
工频耐压
Rated impulse
Withstand voltage



→ 10000000
次机械寿命
Mechanical life



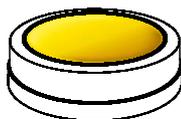
→ ≥ 200N
头部与中座
间防脱落顶力
Head and middle



→ > 50000h
五万小时寿命
无极灯珠
Electrodeless Lamp
Beads



← 金属头
自锁
Metal head
Self-locking



凹面设计,贴合手指
手感更舒适
comfortable feel



↑
1NC
慢动
双触点

1NC slow acting
double contact

↑
灯座
220V
红色发光

Lamp holder 220V
red emitting



PA66



铝氧化色
Aluminum oxide color



铜镀铬(定制)
Copper chrome plating
(customized)



不锈钢(定制)
Stainless steel
(customized)



镀钛(定制)
Titanium plating
(customized)



可定制黑色
旋柄+铝氧化
化本色头部
Customizable black
handle+aluminum oxide
natural color head



可定制黑色
旋柄+铝氧化
化黑色头部
Customizable black
handle+aluminum oxide
black head



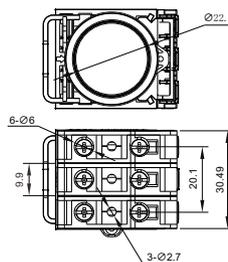
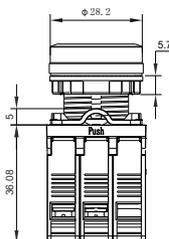
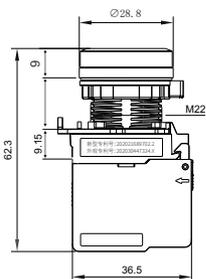
可定制氧化
黑色头部
Customizable oxidized
black head

上图型号示例

LB22SA2-P1CZ/R220V/A

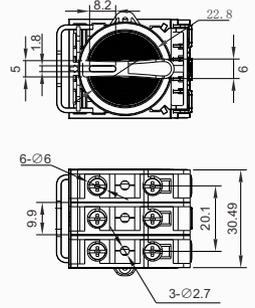
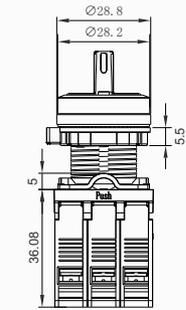
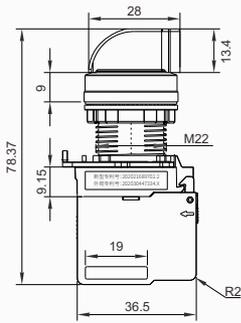


LB22SA2-P ◆ ■ /PC

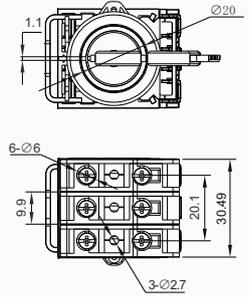
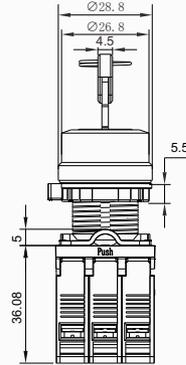
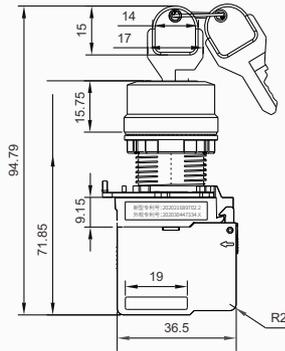




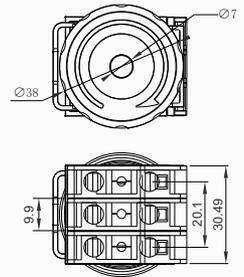
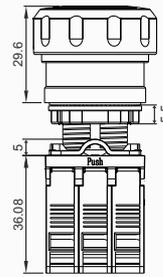
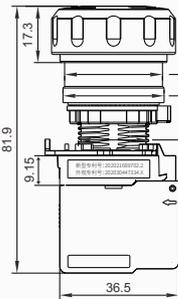
LB22SA2X1-X ◆■/A (银色)
(silvery)



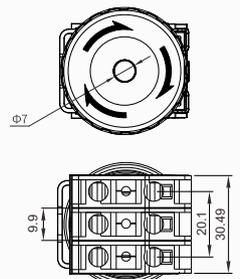
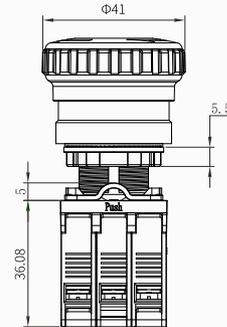
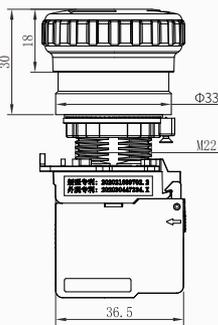
LB22SA2Y1-Y ◆■/A



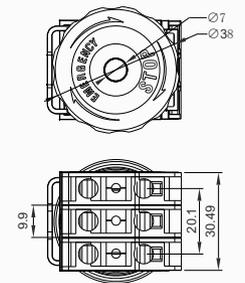
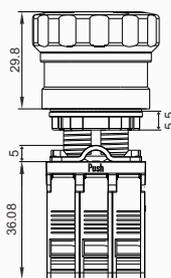
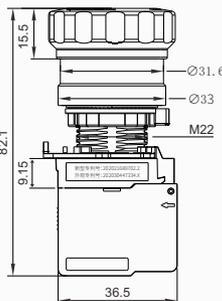
M1 emergency stop (plastic head)
M1急停(塑料头部)
LB22SA2M1-M ◆■/PC



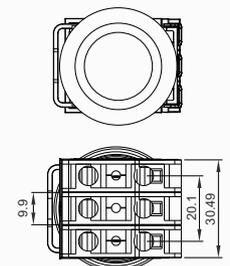
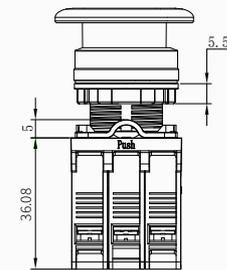
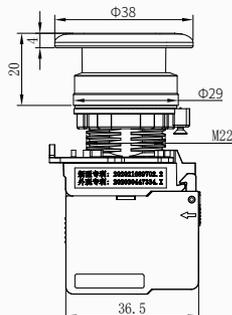
M2 emergency stop (plastic head)
M2急停(塑料头部)
LB22SA2M2-M ◆■/PC



M3 emergency stop (Aluminum oxide head)
M3急停(铝氧化头部)
LB22SA2M3-M ◆■/A

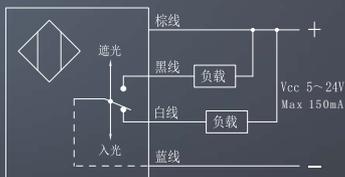


M4 Mushroom head button (red/green plastic head)
M4蘑菇头按钮(红色/绿色塑料头部)
LB22SA2M4-M ◆■/PC

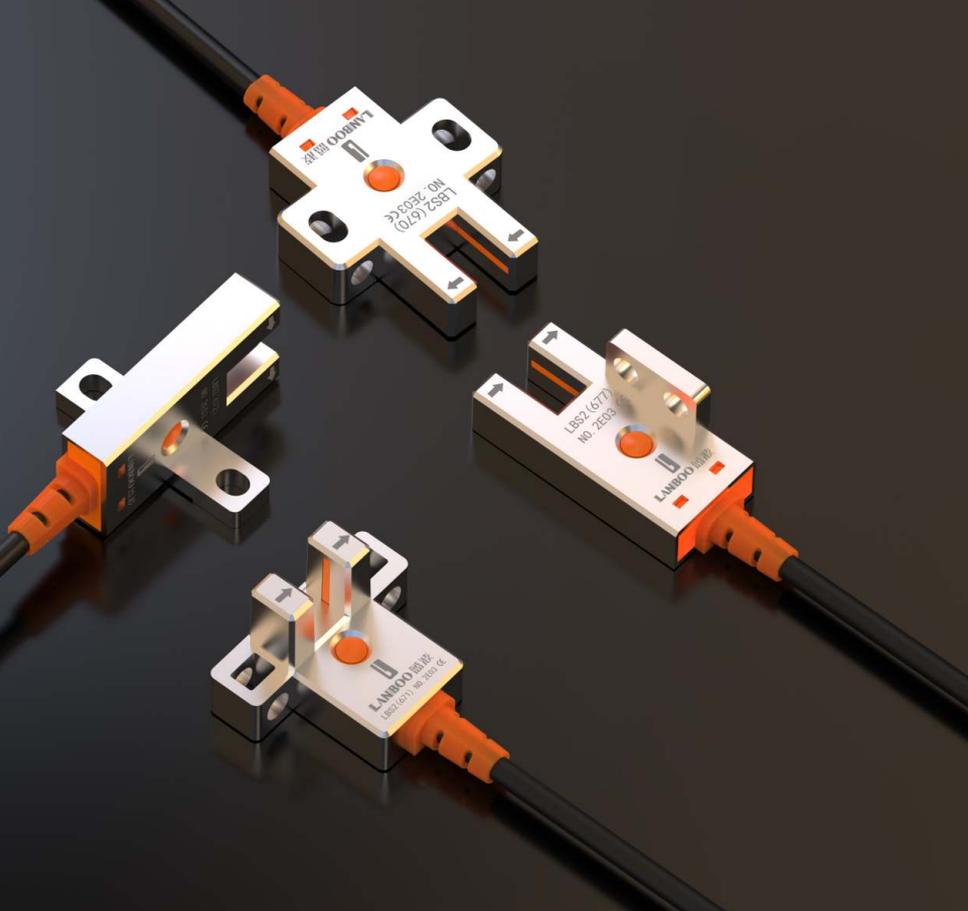
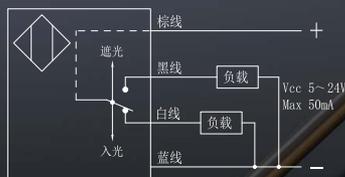


LBS2 Series 光电开关 Sensor Switch

NPN



PNP



锌合金/镀铬
Zinc alloy/
chrome plating



负载短路保护
Load short-circuit
protection



500m/S²
耐冲击性
Impact resistance



≥3KHz
响应频率
Response frequency



PC透光罩
V2级阻燃
Flame retardant



5-24VDC
宽电压
Wide Voltage



NO/NC
常开常闭
Open/Close



5mm
凹槽宽度
Groove width



-40~80°C
环境耐温强
Environment



CE RoHS
专利及认证
Certificate



LBS2-OCH/1/(L) (E-SX670)



LBS2-OCL/1/(L) (E-SX671)



LBS2-OCT/1/(L) (E-SX672)



LBS2-OCLJ/1/(L) (E-SX674)

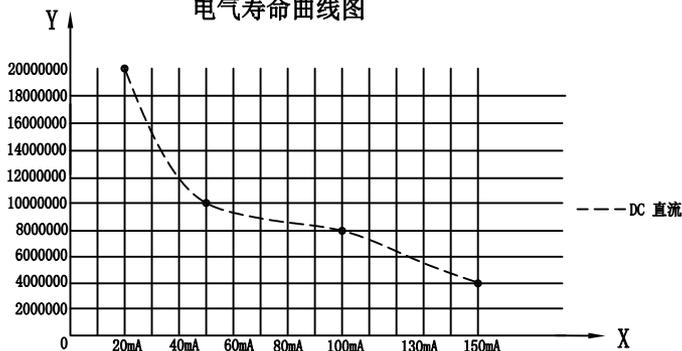


LBS2-OCF/1/(L) (E-SX676)



LBS2-OCR/1/(L) (E-SX677)

电气寿命曲线图



光电开关命名规则

Naming convention for photoelectric switches

LBS □ ◇ ★ - ▲ ▽ / ○ ◎ (L) / ※

- 其它备注: 型号注析, 定制内容等
Other notes: Model annotations, customized content, etc
- 其它: 内部代码 Other: Internal code
- 导线长度: 1-1米(默认)、可定做其它长度
Wire length: 1-1m (default), other lengths can be customized
- 输出类型: 空白-入光时灯亮/NPN、A-遮光时灯亮/PNP、P-入光时灯亮/PNP、R-遮光时灯亮/PNP
Output type: Blank - light on/NPN when entering light, A - light on/NPN when blocking light, P - light on/PNP when entering light, R - light on/PNP when blocking light
- 外观形状: H-H标准型、L-L型、T-T型槽中心、LJ-LJ紧凑型、F-F型、R-R型
Appearance shape: H-H standard type, L-L type, T-T groove center, LJ-LJ tight type, F-F type, R-R type
- 动作形式: OC-4条线, 可实现NO/NC切换
Action form: OC-4 lines, capable of NO/NC switching
- 产品系列: 2-微型槽型光电开关
Product series: 2-Micro groove photoelectric switch
- 传感器(sensor): S-Sensor
- 宇联代号 YULIAN Code

平板式开关电源

S/MS/LRS系列



输出稳定



抗干扰强



S系列

LRS系列

MS系列



过载保护

Overload protection



过压保护

Overvoltage protection



过温保护

Over Temperature Protection



短路保护

Short circuit protection



阻燃外壳

Anti fire Laming



高性能芯片

Chip



CCC RoHS REACH CE



全铜变压器

All copper transformer



电容滤波

Capacitor filter



接线端子

Connecting terminal



散热孔设计

Heat dissipation hole

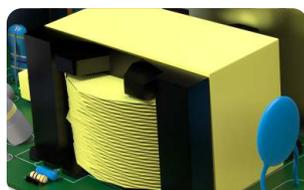
型号	功率	12V	24V	长X宽X高(mm)	保护模式
LRS-50	50W	4.2A	2.2A	99×82×30	过载保护、过压保护
LRS-75	75W	6A	3.2A	99×97×30	
LRS-100	100W	8.5A	4.5A	129×97×30	
LRS-150	150W	12.5A	6.5A	159×97×30	过载保护、过压保护、过温保护
LRS-200	200W	17A	8.8A	215×115×30	
LRS-350	350W	29A	14.6A	215×115×30	
S-25	25W	2.1A	1A	99×97×35	过载保护、短路保护
S-35	35W	2.9A	1.45A	129×98×38	
S-75	75W	6.25A	3.1A	159×98×38	
S-120	120W	10A	5A	199×98×38	
S-150	150W	12.5A	6.25A	199×98×38	
S-350	350W	29A	14.5A	215×114×50	过载保护、过/欠压保护、过温保护/短路保护
S-400	400W	33.3A	16.6A	215×114×50	
S-600	600W	50A	25A	241×125×65	过载保护、短路保护/过压保护、过温保护 过载保护/短路保护、过压保护、过温保护
S-800	800W	66.5A	33.3A	241×125×65	
MS-25	25W	2.1A	1A	87×60×37	过载保护、短路保护
MS-35	35W	2.9A	1.5A	87×60×37	
MS-50	50W	4.2A	2.1A	87×60×37	
MS-60	60W	5A	2.5A	87×60×37	
MS-120	120W	10A	5A	159×98×38	
MS-250	250W	20.8A	10.4A	199×110×50	

导轨式开关电源

DR/NDR/MDR系列



- ⚡ 过载保护 Overload protection
- ⚡ 过压保护 Overvoltage protection
- 🌡️ 过温保护 Over Temperature Protection
- ⊗ 短路保护 Short circuit protection
- 🔥 阻燃外壳 Antiflaming
- 📡 高性能芯片 Chip
- 🌐 CCC RoHS REACH CE



全铜变压器
All copper transformer



电容滤波
Capacitor filter



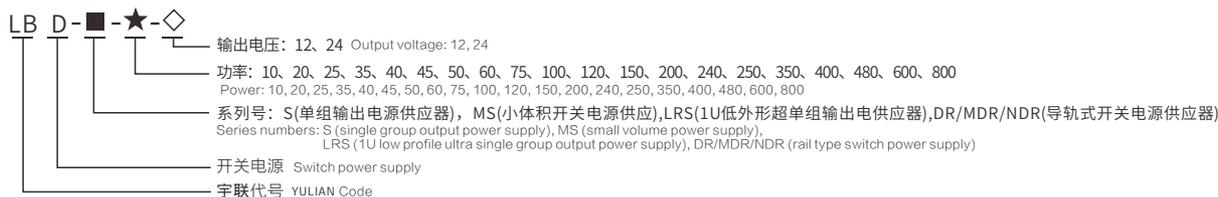
导轨设计
Rail



散热孔设计
Heat dissipation hole

型号	功率	12V	24V	长X宽X高(mm)	保护模式
DR-45	42/48W	3.5A	2A	78×93×56	过载保护、短路保护
DR-60	54/60W	4.5A	2.5A	78×93×56	
DR-240	240W	/	10A	125.5×100×125.2	过载保护、短路保护、过压保护、过温保护
DR-480	480W	/	20A	125.5×100×125.2	
MDR-10	10W	0.84A	0.42A	22.5×90×100	过载保护、过压保护
MDR-20	20/24W	1.67A	1A	22.5×90×100	
MDR-40	40/39.8W	3.3A	1.7A	40×90×100	
MDR-60	60W	5A	2.5A	40×90×100	
MDR-100	100W	7.5A	4A	50×90×100	过载保护、过压保护、过温保护
NDR-120	120W	10A	5A	40×125×113	过载保护、过压保护、短路保护
NDR-240	240W	/	10A	63×125×113	过载保护、短路保护、过压保护、过温保护

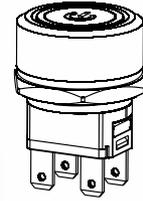
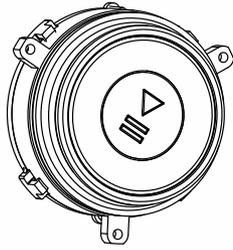
开关电源命名规则 Naming rules for switching power supplies



定制开发系列

Custom Development Series

优秀的研发团队, 可根据您的需求量身定制各种开关
Excellent R&D team, can be customized according to your needs of various switches



某机器人公司定制
Customized by Robot Company

格力电器定制
Custom made by Gree Electric

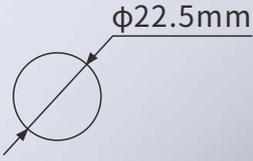


定制符号及外壳系列

CUSTOMIZABLE ARBITRARY SYMBOL



抗紫外线·防水IP67 阻燃防水盒



优选材质
High-quality material



抗紫外线
Resist ultraviolet rays



IP67/IPK10
防水防爆
Protection Level



-40~80°C
环境耐温强
Environment



阻燃外壳
Flame-retardant



可定制
Customized



CCC RoHS REACH CE



密封防水垫

M18敲落孔
M18 knocking out hole



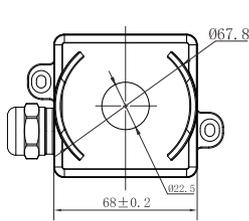
防水接头
Waterproof connector



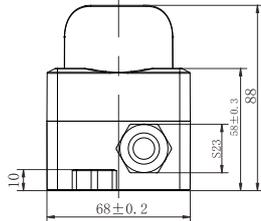
ABS+PC材质 抗紫外线
ABS+PC material is UV-resistant



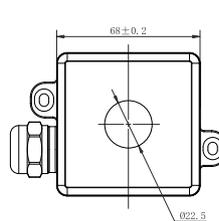
可激光刻字/定制开孔
Laser engraving and custom hole opening are available



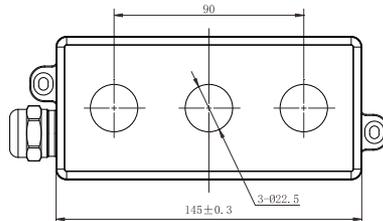
1孔(带防误操作)



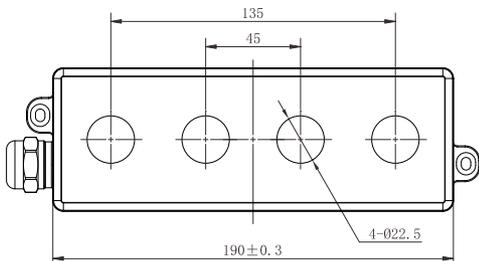
1孔



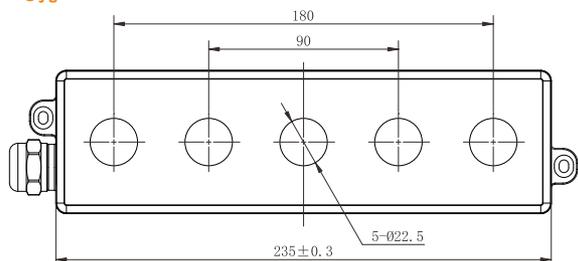
2孔



3孔



4孔



5孔

LBφFW-J1-1.1

Emergency Stop Protective Cover

急停防误保护罩

Ø16mm Ø19mm Ø22mm



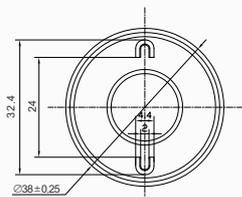
材质:ABS

外壳工艺:亚光黄色/灰色磨砂喷漆

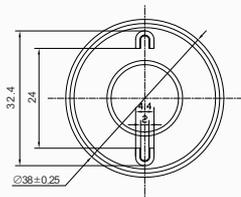
适用孔径:16mm 19mm 22mm

Shell process:Matte yellow/gray frosted paint

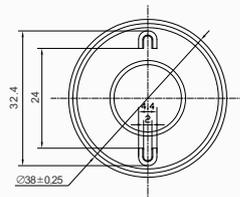
Apply the aperture:16mm,19mm,22mm



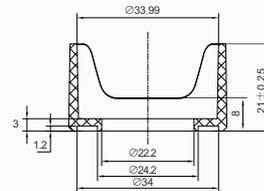
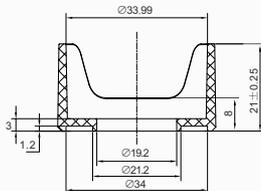
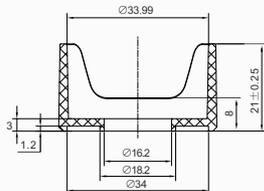
LB16FW-J1-1.1



LB19FW-J1-1.1



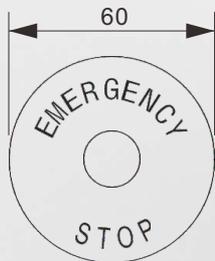
LB22FW-J1-1.1



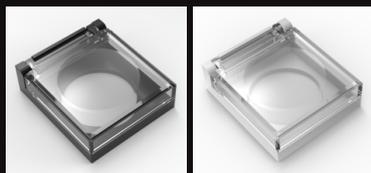
急停警示圈

Emergency stop warning circle

Ø16mm Ø19mm Ø22mm

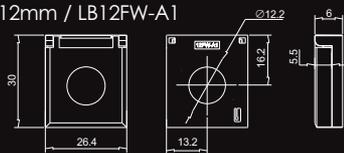


LBFW Anti Misoperation Cover 防误操作盖

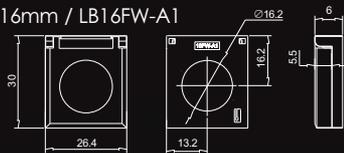


黑色款/Black 银色喷漆款/Silver

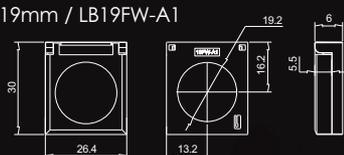
12mm / LB12FW-A1



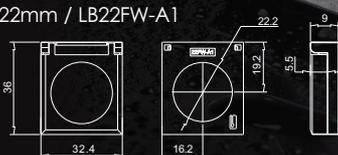
16mm / LB16FW-A1



19mm / LB19FW-A1



22mm / LB22FW-A1



25mm / LB25FW-A1



LBØFW-1



LBØFW-2



LBØFSG



防水罩/16mm 19mm 22mm
Waterproof

硅胶材质, 耐用耐腐蚀
Silicone Waterproof

LBBS Nutwrench 螺母扳手

12mm 16mm 19mm 22mm



22mm

19mm

16mm

12mm



穿绳孔设计,避免遗失
Avoid Missing



防滑设计,出汗都不怕
Antiskid



加厚边缘,不爆边
Thicken Edge



出线口设计,焊线了也不怕
Outlet



还这样拧?不仅费劲还伤手
Difficulty, Hurts hand



强烈推荐
Recommend



老板!还是这样好用哦
Boss! I want this

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Loucun, Guangming District, Shenzhen ,China

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Email: Lisa@sz-yulian.com