Metal Switch Description 金属按钮型号说明

For example:IB16E-P11Z-ER12V/S

IB ○ □ — ★		●	◆	■ —	⊙	▲	▼ / ◎
Aibeiken Code 埃贝肯代号	Mounting hole size 安装孔尺寸	Series 系列	Head shape 头部形状	Switch combination 开关组合	Operation types 操作类型	Connection types 接线方式	Illumination types 带灯类型	LED color 灯珠颜色	LED voltage 灯珠电压	Housing Material 外壳材质

| IB | 7: 7mm
8: 8mm
10: 10mm
12: 12mm
16: 16mm
19: 19mm
22: 22mm
25: 25mm
28: 28mm
30: 30mm
40: 40mm | A
B
C
D
E
…… | G: High Round
P: Flat Round
Q: Domed
X: Rotary
Y: Key
S: Square
M: Mushroom

G: 高头
P: 平头
Q: 弧形头
X: 旋钮
Y: 钥匙钮
S: 方头
M: 蘑菇头 | 10: 1NO
1C: 1NC
11: 1NO1NC
22: 2NO2NC

10: 一常开
1C: 一常闭
11: 一开一闭
22: 二开二闭 | F: Momentary
Z: Latching
M: Buzzer
SM: Flash buzzer

F: 自复式
Z: 自锁式
M: 蜂鸣器
SM: 闪光蜂鸣器 | Y: Pin Terminal
J: Screw Terminal

Y: 焊接脚
J: 接线柱脚 | E: Ring
D: Dot
*: Power Logo
E*: Ring&Power logo
DD: Multi-dot
C: Full illuminated
ZL: Logo Illuminated
ZK: Logo non-Illuminated

E: 环形发光
D: 点式发光
*: 电源符号发光
E*: 环形和电源符号发光
DD: 多点式
C: 全圆发光
ZL: 定制符号发光
ZK: 定制符号不发光 | R
G
B
Y
W
O
P
RG
RB
RGB | 3V
5V
6V
12V
24V
36V
48V
110V
220V
230V | N:Brass nickel
S: Stainless steel
A: Aluminum oxide
C: Brass Chrome
AL: Zn-al alloy
PN: Plastic&Brass
PC: Plastic

N: 黄铜镀镍
S: 不锈钢
A: 铝氧化
C: 黄铜镀铬
AL: 锌铝合金
PN: 塑料 & 黄铜
PC: 塑料 |

注：请仔细阅读产品详细信息，根据不同产品结构状态在该表中选取相应代号。
Note: Please read carefully product detailed information, according to different product structure state in the table select the corresponding code.

Surface Effect 表面效果图

Red anodized(Ar) Green anodized (Ag) Purple anodized(Ap) Blue anodized(Ab)

Gold anodized(Ay) Brass nickel(N) Black anodized(A) Stainelss steel (S) Bronze anodized(Al)

LED lamp parameters LED灯珠参数

项目 Project	参数 Parameter
灯珠类型 Led type	高亮度 LED 灯珠，冷色 High brightness LED lamp, cool
发光颜色 Luminous color	R G B Y W O P RG RB RGB
额定电压 Rated voltage	AC/DC6V、AC/DC12V、AC/DC24V、AC/DC36V、AC/DC48V、AC110V、AC220V
额定电流 Rated current	≤ 20mA
降压方式 Buck mode	单色发光内置电阻降压，双色发光外接电阻降压 Single color light emitting internal resistance,double color light emitting external resistance 单色发光电路图：（不分正负极） Monochrome light emitting circuit diagram: (No positive or negative) 双色发光电路图：（不分正负极） Double color light emitting circuit diagram: (dual path control)
参考寿命 Reference life	40000 小时（参考值）40000 hours(reference value)

注：如需其它类型LED可以定做，或者根据样品开发。 Note: Other LED can be made to order, or to develop according to the sample.

The wiring diagram 接线图示例(中文版)

型号 Model	类型 Type	原理图 Schematic diagram	脚位说明 Pin Description	接线图 Wiring Diagram
12mm-10 16mm-10	无灯型			 自锁型，实现功能：（"+"也代表"L"火线，"-"也带标"N"零线）按下按钮，电器通电；再按下按钮，电器断电。 自复型，实现功能：（此接法通常采用继电器或程序控制自锁）按住按钮，电器通电；松开按钮，电器断电。
	带灯型			 带灯自锁型，实现功能：（"+"也代表"L"火线，"-"也带标"N"零线）按下按钮LED灯亮，同时电器通电；再按下按钮LED灯灭，电器断电。 带灯自复型，实现功能：（此接法不常用）按住按钮LED灯亮，同时电器通电；松开按钮LED灯灭，电器断电。 ‖ 带灯自锁型，实现功能：（"+"也代表"L"火线，"-"也带标"N"零线）电源通电LED灯亮，按下按钮电器通电；再按下按钮电器断电，切断电源LED灯灭。 带灯自复型，实现功能：电源通电LED灯亮，按住按钮电器通电，松开按钮电器断电，切断电源LED灯灭。
19K-S20 22K-P20 25K-P20				 带灯自锁型，实现功能：（"+"也代表"L"火线，"-"也带标"N"零线）按下按钮LED灯亮，同时电器通电；再按下按钮LED灯灭，电器断电。 带灯自复型，实现功能：（自复式的不建议使用带灯）按住按钮，LED灯亮、电器通电；松开按钮，LED灯灭、电器断电。
16E 19E	无灯型			 自锁型，实现功能：（"+"也代表"L"火线，"-"也带标"N"零线）按下按钮，电器通电；再按下按钮，电器断电。 自复型，实现功能：（此接法通常采用继电器或程序控制自锁）按住按钮，电器通电；松开按钮，电器断电。 ‖ 自锁型，实现功能：（"+"也代表"L"火线，"-"也带标"N"零线）按下按钮，电器断电；再按一下按钮，电器恢复通电。 自复型，实现功能：（此接法不常用）按住按钮，电器断电，松开按钮，电器恢复通电。
	单色灯型			 自锁型，实现功能：（"+"也代表"L"火线，"-"也带标"N"零线）按下按钮LED灯亮，同时电器通电；再按下按钮LED灯灭，电器断电。 自复型，实现功能：（此接法不常用）按住按钮LED灯亮，同时电器通电；松开按钮LED灯灭，电器断电。 ‖ 自锁型，实现功能：（"+"也代表"L"火线，"-"也带标"N"零线）电源通电LED灯亮，按下按钮电器通电；再按下按钮电器断电，切断电源LED灯灭。 自复型，实现功能：电源通电LED灯亮，按住按钮电器通电，松开按钮电器断电，切断电源LED灯灭。

Metal Push Button 金属按钮开关

AIBEIKEN

The wiring diagram 接线图示例(中文版)

型号 Model	类型 Type	原理图 Schematic diagram	脚位说明 Pin Description	接线图 Wiring Diagram
16E 19E	双色单LED灯型			
	双色双LED灯型			
22E 25E 28E 30E 40E	无灯型			
	单色灯型			
	双色单LED灯型			

16E / 19E — 双色单LED灯型:

自锁型，实现功能：(此款为共负极型，公正极型则正负极对调即可。只能用于低于24V电压内)
电源得电，LED灯1亮；按下按钮LED灯1灭，同时LED灯2亮，切电器通电；再按下按钮LED灯2灭，LED1亮，且电器断电。
自复型，实现功能：(此接法不常用，门铃按钮的则不按照此方案)
电源得电，LED灯1亮；按住按钮LED灯1灭，同时LED灯2亮，切电器通电；松开按钮LED灯2灭，LED灯1亮，且电器断电。

自锁型，实现功能：(此款为共负极型，公正极型则正负极对调即可。只能用于低于24V电压内)
电源得电，LED灯1亮；按下按钮LED灯2灭，同时LED灯1亮，切电器通电；再按下按钮LED灯1灭，LED灯2亮，且电器断电。

16E / 19E — 双色双LED灯型:

自锁型，实现功能：(适用于不分正负极，颜色多选，可以做220V以内电压)
电源得电，LED灯2亮；按下按钮LED灯2灭，同时LED灯1亮，切电器通电；再按下按钮LED灯1灭，LED灯2亮，且电器断电。
自复型，实现功能：(此接法不常用，门铃按钮的则不按照此方案)
电源得电，LED灯2亮；按住按钮LED灯2灭，同时LED灯1亮，切电器通电；松开按钮LED灯1灭，LED灯2亮，且电器断电。

22E-40E — 无灯型:

自锁型，实现功能：("+"也代表"L"火线，"-"也带标"N"零线)
按下按钮，电器通电；再按下按钮，电器断电。
自复型，实现功能：(此接法通常采用继电器或程序控制自锁)
按住按钮，电器通电；松开按钮，电器恢复通电。

22E-40E — 单色灯型:

自锁型，实现功能：("+"也代表"L"火线，"-"也带标"N"零线)
按下按钮LED灯亮，同时电器通电；再按下按钮LED灯灭，电器断电。
自复型，实现功能：(此接法不常用)
按住按钮LED灯亮，同时电器通电；松开按钮LED灯灭，电器断电。

自锁型，实现功能：("+"也代表"L"火线，"-"也带标"N"零线)
电源通电LED灯亮；按下按钮电器通电；再按下按钮电器断电，切断电源LED灯灭。
自复型，实现功能：
电源通电LED灯亮，按住按钮电器通电；松开按钮电器断电，切断电源LED灯灭。

22E-40E — 双色单LED灯型:

电源得电，LED灯1亮；按下按钮LED灯1灭，同时LED灯2亮，切电器通电；再按下按钮LED灯2灭，LED1灯亮，且电器断电。
自复型，实现功能：(此接法不常用，门铃按钮的则不按照此方案)
电源得电，LED灯1亮；按住按钮LED灯1灭，同时LED灯2亮，切电器通电；松开按钮LED灯2灭，LED灯1亮，且电器断电。

自锁型，实现功能：(此款为共负极型，公正极型则正负极对调即可。只能用于低于24V电压内)
电源得电，LED灯1亮；按下按钮LED灯2灭，同时LED灯1亮，切电器通电；再按下按钮LED灯1灭，LED灯2亮，且电器断电。
自复型，实现功能：(此接法不常用，门铃按钮的则不按照此方案)
电源得电，LED灯2亮；按住按钮LED灯2灭，同时LED灯1亮，切电器通电；松开按钮LED灯1灭，LED灯2亮，且电器断电。

The wiring diagram 接线图示例(中文版)

型号 Model	类型 Type	原理图 Schematic diagram	脚位说明 Pin Description	接线图 Wiring Diagram
22E 25E 28E 30E 40E	双色双LED灯型			
22A 25A	无灯型			
	单色灯型			
16K 19K	无灯型			
	单色灯型			

The wiring diagram 接线图示例(English Version)

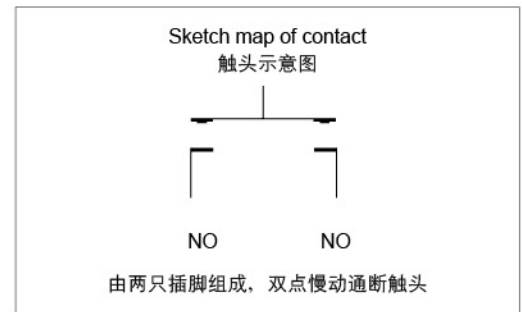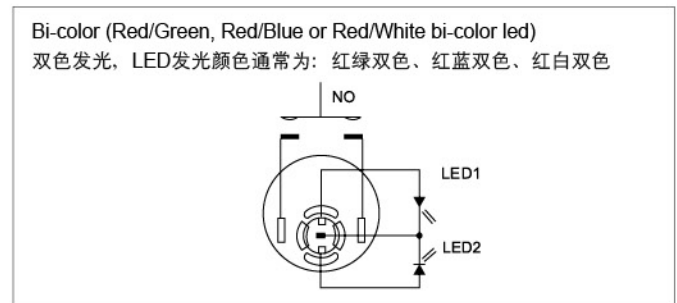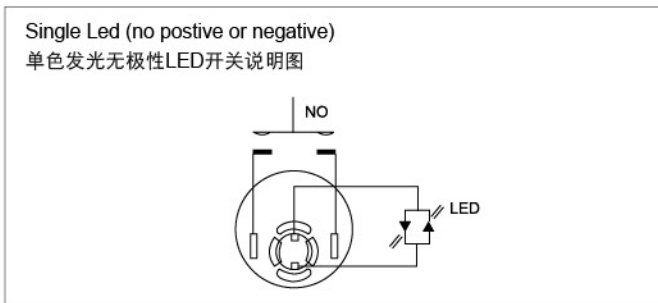| 型号 Model	类型 Type	原理图 Schematic diagram	脚位说明 Pin Description	接线图 Wiring Diagram	
	Without LED			Latching Type，Function：("+"means"L"Live wire，"-"means"N"Neutral wire) Press button equipment connected,Press again,equipment disconnected. Momentary Type，Function：(Usually need a relay or program to control self-lock function) Press button,equipment connected,release button,equipment disconnected.	Latching Type，Function："+"means"L"Live wire，"-"means"N"Neutral wire Press button, equipment power off, press again,equipment power on. Momentary Type，Function：(Uncommonly use) Press button, equipment power off, release button,equipment power on.)
	Single Led			Latching Type，Function：("+"means"L"Live wire，"-"means"N"Neutral wire) Press button, led light on and equipment connected, press again, LED light off and equipment disconnected. Momentary Type, Function: (Uncommonly use) Press button, LED light on and equipment connected,release the button LED light off and equipment disconnected	Latching Type，Function："+"means"L"Live wire，"-"means"N"Neutral wire When power turned on,led light on, press button to connect equipment, press again, equipment disconnected,power turn off and led light off. Momentary Type, Function: When power turned on, led light on, press button to connect equipment, release button, equipment disconnected, power turned off and led light off.
16E 19E	Bi-color Single LED			Latching Type,Function:(This is common negative type, if common positive type can be adjusted between positive and negative poles.only be used under voltage less than 24V) When power turned on,LED1 lighted on, press button LED1 light off and LED2 light on, equipment connected.Press again, LED2 light off, LED1 light on and equipment disconnected. Momentary Type,Function: (Uncommonly use, Not according to this wire diagram if it's bell push button switch) When power turned on, LED1 light on, press button LED1 light off and LED2 light on, equipment connected, When release button LED2 light off, LED1 light on and equipment disconnected.	Latching Type,Function:(This is common negative type, if common positive type canbe adjusted between positive and negative poles.only be used under voltage less than 24V) When power turned on,LED2 lighted on, press button LED2 light off and LED1 light on, equipment connected. Press again, LED1 light off, LED2 light on and equipment disconnected. Momentary Type,Function: (Uncommonly use, Not according to this wire diagram if it's bell push button switch) When power turned on, LED2 light on, press button LED2 light off and LED1 light on, equipment connected, When release button LED1 light off, LED2 light on and equipment disconnected.
	Bi-color Dual LED			Latching Type, Function:(apply to both positive and negative poles,multiple colors, voltage within 220v). press again LED1 light off,LED2 light on and equipment disconnected. When power turned on,LED2 light on, press button LED2 light off and LED1 light on, equipment connected, Momentary Type, Function:(Uncommonly use,not according to this wire diagram if it's bell push button switch) When power turned on, LED2 light on, press button LED2 light off and LED1 light on, equipment connected, when release button LED1 light off, LED2 light on and equipment disconnected.	Latching Type, Function:(apply to both positive and negative poles,multiple colors, voltage within 220v). When power turned on, LED1 light on, press button LED1 light off and LED2 light on, equipment connected. press again LED2 light off,LED1 light on and equipment disconnected. Momentary Type, Function:(Uncommonly use,not according to this wire diagram if it's bell push button switch) When power turned on, LED1 light on, press button LED1 light off and LED2 light on, equipment connected, when release button LED2 light off, LED1 light on and equipment disconnected.
	Tri-color Lighted			Switch funtion according to the wire diagram of "without led type" to connect. The control of the LED color is implemented according to an external control program.Usually usually applied to medical equipment, doorbells, seat heating equipment etc.	

The wiring diagram 接线图示例(English Version)

型号 Model	类型 Type	原理图 Schematic diagram	脚位说明 Pin Description	接线图 Wiring Diagram	
22E 25E 28E 30E 40E	Without LED			Latching Type, Function: ("+"mean"L"Live wire, "-"means"N"Neutral wire) Press button, equipment connected, press again, equipment disconnected. Momentary Type, Function: (Usually need a relay or program to control self-lock) Press button, equipment connected, Release button, equipment disconnected.	Latching Type, Function: ("+"means"L"Live wire, "-"means"N"neutral wire) Press button, equipment power off, press again, equipment power on. Momentary Type, Function: (Uncommonly use) Press button, equipment power off, release button, equipment power on.)
	Single Led			Latching Type, Function: ("+"mean"L"Live wire, "-"means"N"Neutral wire) Press button, led light on and equipment connected, press again, LED light off and equipment disconnected. Momentary Type, Function: (Uncommonly use) Press button, LED light on and equipment connected, release the button LED light off and equipment disconnected.	Latching Type, Function: ("+"means"L"Live wire, "-"means"N"Neutral wire) When power turned on, led light on, press button to connect equipment, press again, equipment disconnected, power turn off and led light off. Momentary Type, Function: (Uncommonly use) When power turned on, led light on, press button to connect equipment, when release button, equipment disconnected, power turned off and led light off.
	Bi- color Single LED			Latching Type, Function: (This is common negative type, If common positive type can be adjusted between positive and negative poles only be used under voltage less than 24V) When power turned on, LED1 lighted on, press button LED1 light off and LED2 light on, equipment connected. Press again, LED2 light off, LED1 light on and equipment disconnected. Momentary Type, Function: (Uncommonly use, Not according to this wire diagram if it's bell push button switch) When power turned on, LED1 light on, press button LED1 light off and LED2 light on, equipment connected, When release button LED2 light off, LED1 light on and equipment disconnected.	Latching Type, Function: (This is common negative type, If common positive type can be adjusted between positive and negative poles only be used under voltage less than 24V) When power turned on, LED2 lighted on, press button LED2 light off and LED1 light on, equipment connected. Press again, LED1 light off, LED2 light on and equipment disconnected. Momentary Type, Function: (Uncommonly use, Not according to this wire diagram if it's bell push button switch) When power turned on, LED2 light on, press button LED2 light off and LED1 light on, equipment connected, When release button LED1 light off, LED2 light on and equipment disconnected.
	Bi- color Dual LED			Latching Type, Function: (apply to both positive and negative poles, multiple colors, voltage within 220v). When power turned on, LED2 light on, press button LED2 light off and LED1 light on, equipment connected, press again LED1 light off, LED2 light on and equipment disconnected. Momentary Type, Function: (Uncommonly use, not according to this wire diagram if it's bell push button switch) When power turned on, LED2 light on, press button LED2 light off and LED1 light on, equipment connected, when release button LED1 light off, LED2 light on and equipment disconnected.	Latching Type, Function: (apply to both positive and negative poles, multiple colors, voltage within 220v). When power turned on, LED1 light on, press button LED1 light off and LED2 light on, equipment connected, press again LED2 light off, LED1 light on and equipment disconnected. Momentary Type, Function: (Uncommonly use, not according to this wire diagram if it's bell push button switch) When power turned on, LED1 light on, press button LED1 light off and LED2 light on, equipment connected, when release button LED2 light off, LED1 light on and equipment disconnected.
	Tri- color Lighted			Switch funtion according to the wire diagram of "without led type" to connect. The control of the LED color is implemented according to an external control program. Usually usually applied to medical equipment, doorbells, seat heating equipment etc.	

Switch rated load 开关额定负载

项目 Project	参数 Parameter			
额定绝缘电压 Ui Rated insulation voltage Ui	AC250V			
发热电流 Ith Heating current Ith	3A			
额定电压 Rated voltage	DC12V	DC24V	DC36V	AC220V
电阻性负载 Resistive load	3	2		1.5
电感性负载 Inductive load	1.2	0.8		0.6

开关结构说明 Switch structure description

Sketch map of contact
触头示意图

NO   NO

由两只插脚组成，双点慢动通断触头

Pin description 引脚说明

Single Led (no postive or negative)
单色发光无极性LED开关说明图

Bi-color (Red/Green, Red/Blue or Red/White bi-color led)
双色发光，LED发光颜色通常为：红绿双色、红蓝双色、红白双色

Other parameters 其它参数

项目 Project	参数 Parameter
开关型式 Switch type	慢动双触点 Slow moving double contact
接触电阻 Contact resistance	≤ 50mΩ
绝缘电阻 Insulation resistance	≥ 1000mΩ
绝缘强度 Insulation strength	1000VAC
环境温度 Ambient temperature	-20℃ ~+55℃
电器寿命 Electrical life	10万次以上 More than 100000 times
机械寿命 Mechanical life	50万次以上 More than 500000 times
防水等级 Waterproof grade	IP65/IP67

项目 Project	参数 Parameter
防爆等级 Explosion grade	Ik08(针对金属材质) for metal material
操作压力 Operating pressure	约2N About 2N
操作行程 Operation schedule	接通约1.1mm，总行程约2mm Connected to about 1.1mm,head office about 2mm
螺母扭矩 Nut torque	5~14.m
外壳 Outer shell	不锈钢 / 黄铜镀镍 Stainless steel/Brass plating
按键 Press key	不锈钢 / 黄铜镀镍 Stainless steel/Brass plating
基座 Base seat	工程塑料 Engineering
触点 Touch point	镀银 / 金 Plasticssiver/gold

Protection and installation instructions 防护与安装说明
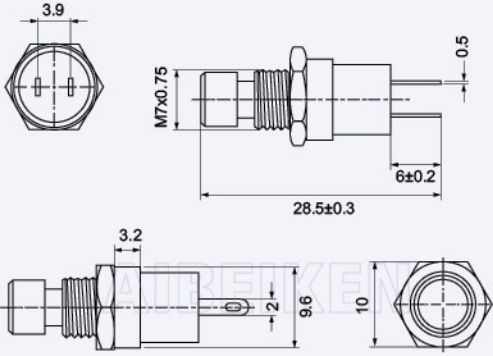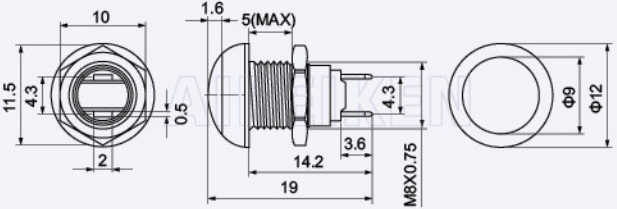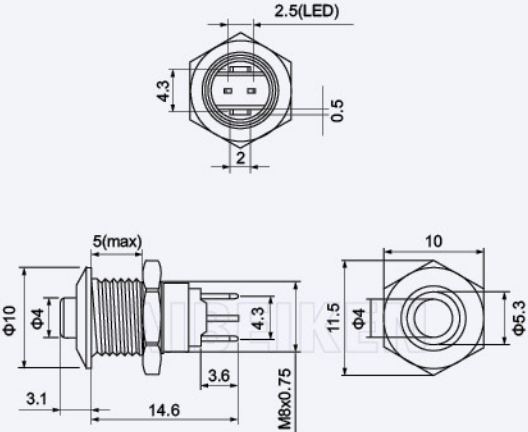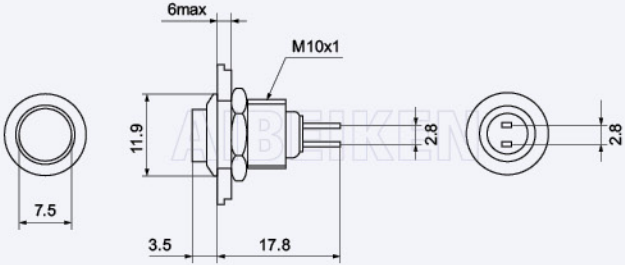
　　金属按钮开关外壳采用金属材料，与塑料开关相比，不仅增强了其美观性，外观颜色可多样化，并且大幅度提升了其防尘防水性能、防爆性能及防腐蚀性等特点。防水等级IP65，防爆能力IK08。
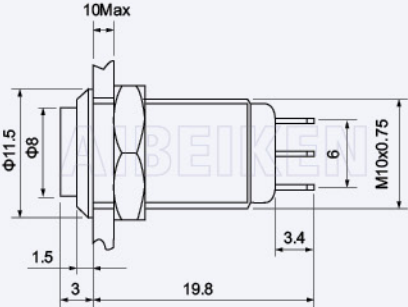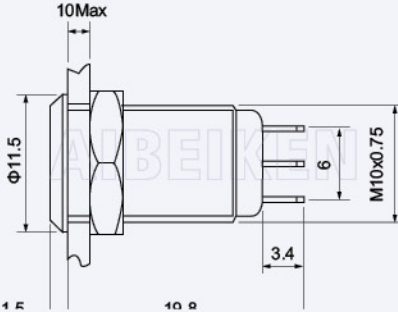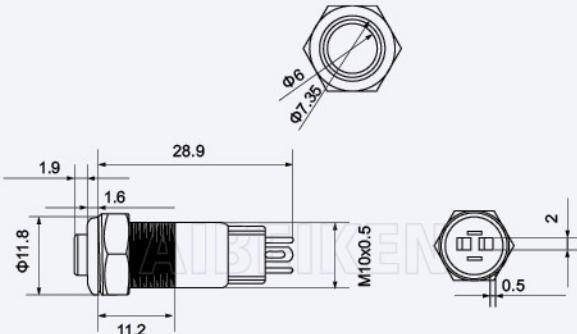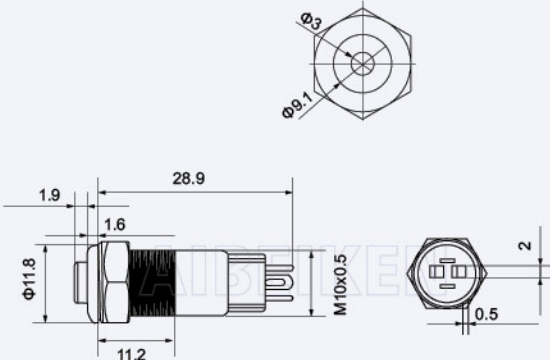
Metal button switch shell using material, compared with the plastic switch, not tight to enhance its appearance, color can be diversifed, and greatly improve its dust and waterproof perfomance, Explosion-proof performance and corrosion resistance, etc..Waterpoof grade IP65, explosion-proof capability Ik08.

Internal Ip dustproof and waterproof structure
内部IP防尘、防水结构

Internal waterproof sealing ring
内部防水密封圈

External O - ring mounting method
外部O型密封圈安装方法

O - ring
O 型圈防水密封圈

Appearance	Parameter	Outline Dimensional Drawing
IB7B-G10Z/N **IB10B-G10Z/N**	Diameter: 7mm(10mm) 孔径 Shape: High 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Plastic/Brass nickel 外壳材质 Actuator Color: R G 按键色 Switch Rating: 2A 开关额定值 Protection Grade: IP40 防护等级	
IB8U-Q10F	Diameter: 8mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	
IB8U-G10F-E	Diameter: 8mm 孔径 Shape: High Round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O P 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	
IB10U-G10F	Diameter: 10mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	

Metal Push Button 金属按钮开关

AIBEIKEN

AIBEIKEN BUTTON, LIGHT YOU AND ME
埃贝肯按钮，点亮你和我

Appearance	Parameter	Outline Dimensional Drawing
IB10Q-G11_	Diameter: 10mm 孔径 Shape: High round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary or Latching 操作类型 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK09 防护等级	
IB10Q-P11_	Diameter: 10mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary or Latching 操作类型 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK09 防护等级	
IB10D-G10_-E/S	Diameter: 10mm 孔径 Shape: High Round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary or Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Protection Grade: IP67 IK10 防护等级	
IB10D-G10_-D/S	Diameter: 10mm 孔径 Shape: High Round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary or Latching 操作类型 Luminous Type: Dot 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Protection Grade: IP67 IK10 防护等级	

12mm METAL PUSH BUTTON SWITCH

12mm 金属按钮开关

特点
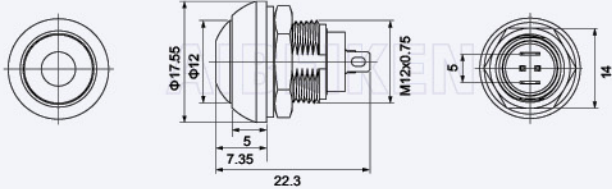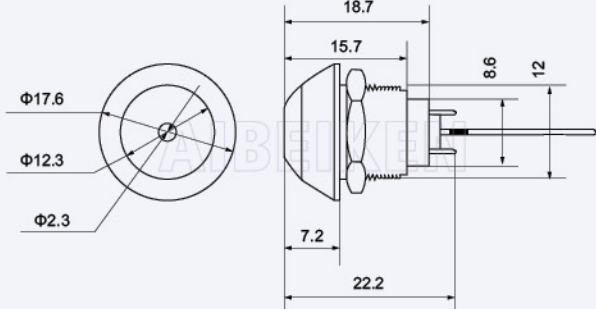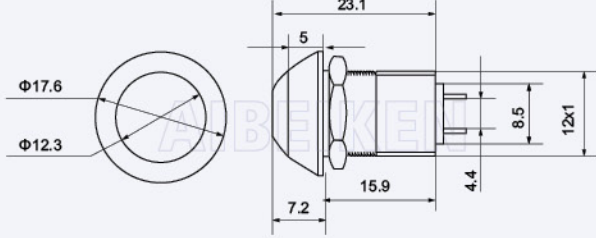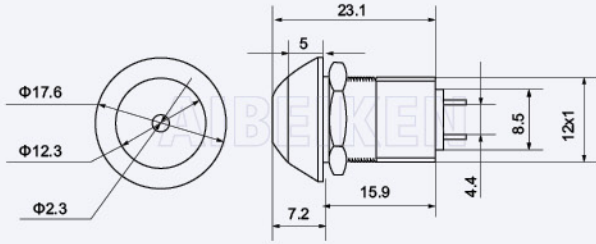
■ 内置微型贴片LED灯，可随意选择电压，电阻内置

■ 自锁复位都可选,舒适的操作手感

■ 体积小，一开一闭(可选)

■ 多种外观设计，不同色彩

■ 质量有保障，经济实惠之选

Features

■ Built-in micro path LED lamp,optional voltage, built-in resistor

■ Momentary and Latching optional, comfortable operation feel

■ 1NO1NC available

■ Different appearance, colored housing available

■ Economic benefits, quality assurance

RoHS CE CCC IP67 IP68 IK10 ISO9001

www.abbeycon.com Search
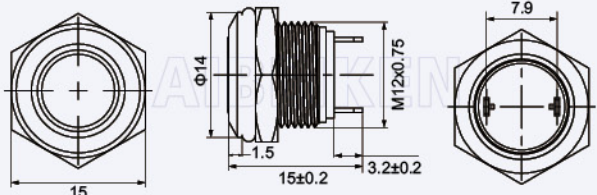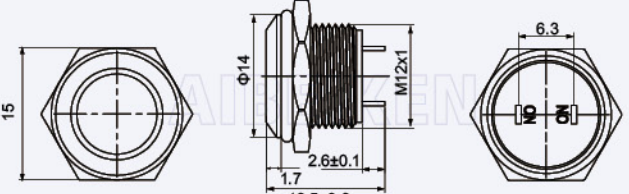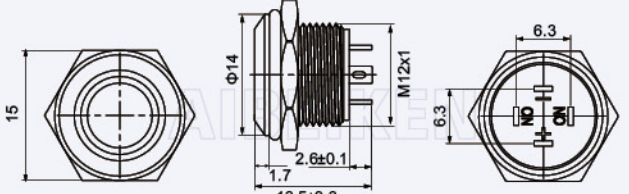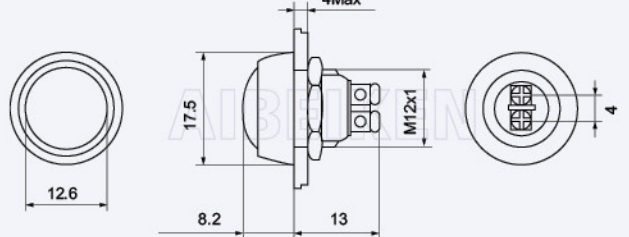
Appearance	Parameter	Outline Dimensional Drawing
IB12A-Q10Y/PC	Diameter: 12mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Plastic 外壳材质 Actuator Color: R G B Y A 按键色 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	Φ17.55 Φ12 M12x0.75 5 14 5 7.35 22.3
IB12A-Q10Y-D/PC	Diameter: 12mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Dot 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Plastic 外壳材质 Actuator Color: R G B Y W O A Switch Rating: 2A Protection Grade: IP67 IK08	18.7 15.7 8.6 12 Φ17.6 Φ12.3 Φ2.3 7.2 22.2
IB12A-Q10Z/PC	Diameter: 12mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Plastic 外壳材质 Actuator Color: R G B Y W O A 按键颜色 Switch Rating: 2A 开关额定值 Protection Grade: IP67 IK08 防护等级	23.1 5 Φ17.6 Φ12.3 8.5 12x1 7.2 15.9 4.4
IB12A-Q10Z-D/PC	Diameter: 12mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Dot 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Plastic 外壳材质 Actuator Color: R G B Y W O A 按键颜色 Switch Rating: 2A 开关额定值 Protection Grade: IP67 IK08	23.1 5 Φ17.6 Φ12.3 Φ2.3 8.5 12x1 7.2 15.9 4.4

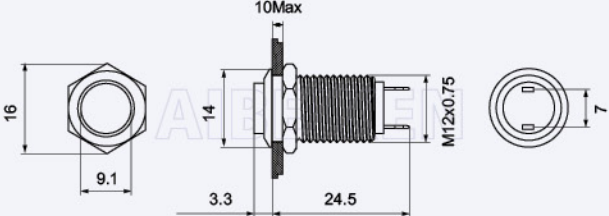| Appearance	Parameter	Outline Dimensional Drawing
IB12C-L3-P10Y	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	Φ14 M12x0.75 7.9 15 1.5 15±0.2 3.2±0.2
IB12T-P10F	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP67 IK08 防护等级	15 Φ14 M12x1 6.3 NO ON 2.6±0.1 1.7 13.5±0.3
IB12T-P10F-E	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP67 IK08 防护等级	15 Φ14 M12x1 6.3 6.3 NO ON 2.6±0.1 1.7 13.5±0.3
IB12U-Q10J	Diameter: 12mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	4Max 17.5 M12x1 4 12.6 8.2 13
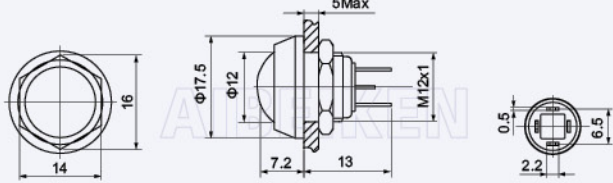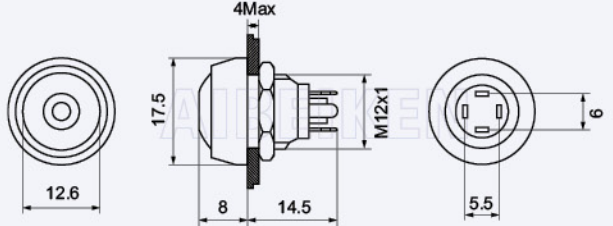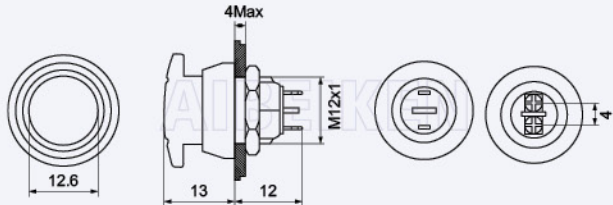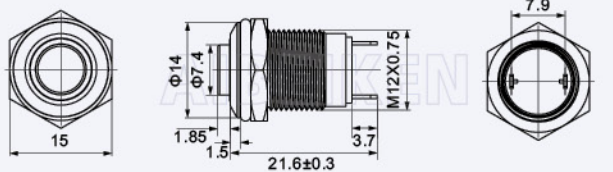
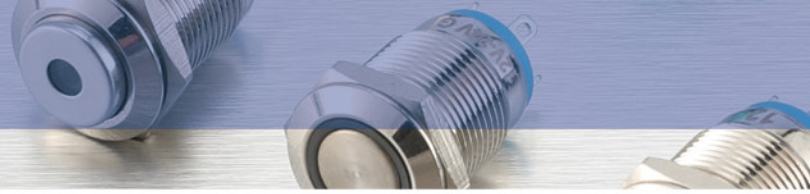| Appearance	Parameter	Outline Dimensional Drawing
IB12U-P10J	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB12U-Q10Y	Diameter: 12mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB12U-P10Y	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB12U-Q10J/PN	Diameter: 12mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass,Zn-al Alloy(Black) or Stainless steel 外壳材质 Actuator Color: R G B Y W O A 按键颜色 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
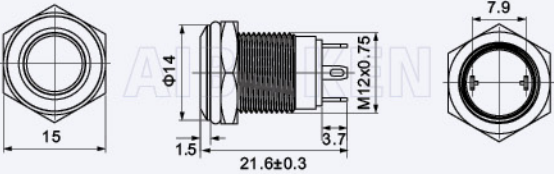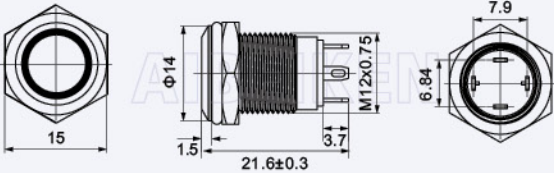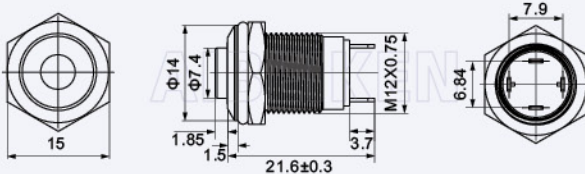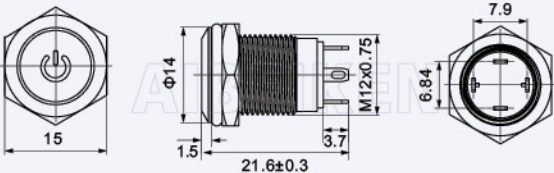
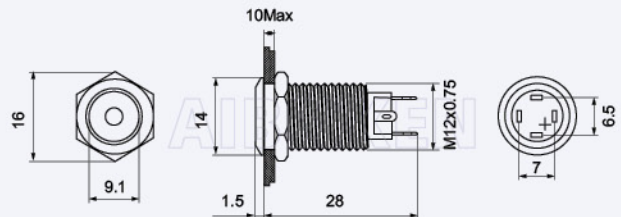| Appearance	Parameter	Outline Dimensional Drawing
IB12U-Q10Y/AL	Diameter: 12mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass,Zn-al Alloy(Black) or Stainless steel 外壳材质 Actuator Color: R G B Y W O A 按键颜色 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	5Max · 14 · 16 · Φ17.5 · Φ12 · M12x1 · 7.2 · 13 · 0.5 · 6.5 · 2.2
IB12U-Q10Y-D	Diameter: 12mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Dot 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	4Max · 12.6 · 17.5 · 8 · 14.5 · M12x1 · 6 · 5.5
IB12U-M10_	Diameter: 12mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Actuator Color: R G 按键颜色 Switch Rating: 2A 开关额定值 Connection mode: Screw or Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	4Max · 12.6 · 13 · 12 · M12x1 · 4
IB12C-G10F	Diameter: 12mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	15 · Φ14 · Φ7.4 · 1.85 · 1.5 · 3.7 · 21.6±0.3 · M12x0.75 · 7.9
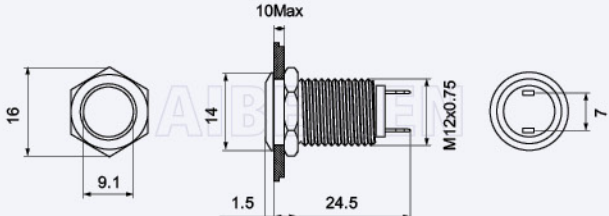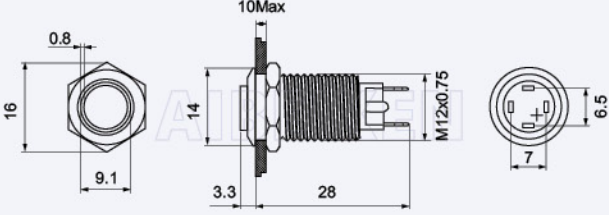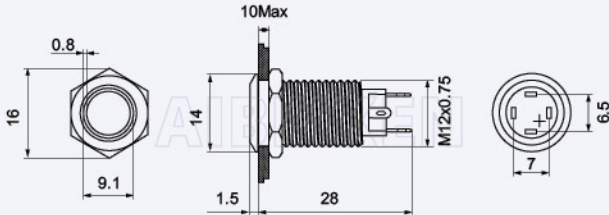
Appearance	Parameter	Outline Dimensional Drawing
IB12C-P10F	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	15 Φ14 M12x0.75 7.9 1.5 3.7 21.6±0.3
IB12C-P10F-E	Diameter: 12mm 孔径 Shape: Flat or High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOPKR 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	15 Φ14 M12x0.75 7.9 6.84 1.5 3.7 21.6±0.3
IB12C-G10F-D	Diameter: 12mm 孔径 Shape: High or Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Dot 发光类形 Luminous Color: RGBYWOPKR 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	15 Φ14 Φ7.4 M12X0.75 7.9 6.84 1.85 1.5 3.7 21.6±0.3
IB12C-P10F-*	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Power logo 发光类形 Luminous Color: RGBYWOPKR 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	15 Φ14 M12x0.75 7.9 6.84 1.5 3.7 21.6±0.3

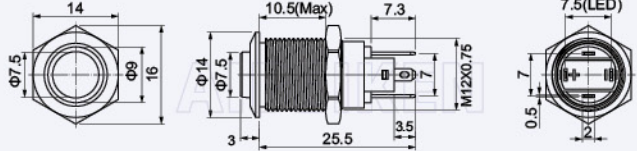| Appearance	Parameter	Outline Dimensional Drawing
IB12S-G10Z	Diameter: 12mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	10Max 16 9.1 14 M12x0.75 3.3 24.5 7
IB12S-P10Z	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	10Max 16 9.1 14 M12x0.75 1.5 24.5 7
IB12S-G10Z-E	Diameter: 12mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08	0.8 16 9.1 10Max 14 M12x0.75 3.3 28 6.5 7
IB12S-P10Z-E	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	0.8 16 9.1 10Max 14 M12x0.75 1.5 28 6.5 7

Metal Push Button 金属按钮开关

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Appearance	Parameter	Outline Dimensional Drawing
IB12S-P10Z-D	Diameter: 12mm 孔径 Shape: High or Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Dot 发光类形 Luminous Color: RGBYWO 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	
IB12S-P10Z-*	Diameter: 12mm 孔径 Shape: High or Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Power logo 发光类形 Luminous Color: RGBYWO 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	
IB12M-G10FJ	Diameter: 12mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB12M-P10FJ	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
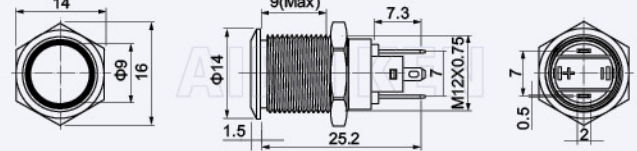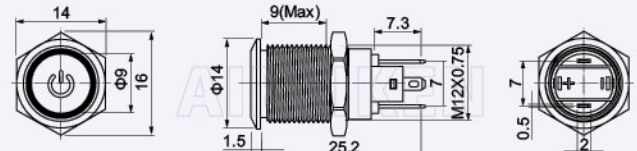
Appearance	Parameter	Outline Dimensional Drawing
IB12Q-G11_	Diameter: 12mm 孔径 Shape: High round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary or latching 操作类型 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	
IB12Q-P11_	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary or latching 操作类型 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	
IB12U-G10Z	Diameter: 12mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	
IB12U-P10Z	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质: 黄铜镀镍 / 不锈钢 / 铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	

Metal Push Button 金属按钮开关

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Appearance	Parameter	Outline Dimensional Drawing
IB12U-G10Z-E	Diameter: 12mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOPRGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍/不锈钢/铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	
IB12U-P10Z-E	Diameter: 12mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOPRGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍/不锈钢/铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	
IB12U-P10Z-E*	Diameter: 12mm 孔径 Shape: High or Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring and Power logo 发光类形 Luminous Color: RGBYWOPRGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质: 黄铜镀镍/不锈钢/铝氧化 Switch Rating: 2A 开关额定值 Protection Grade: IP65 IK08 防护等级	

16mm METAL PUSH BUTTON SWITCH

16mm 金属按钮开关

特点

- 1NO1NC或2NO2NC可选
- 可配带线接插件，保证接触牢固
- 环形灯，点式灯，电源符号发光可选
- 支持定制单色灯，双色灯，三色灯

Features

- 1NO1NC or 2NO2NC optional
- Switch harness to ensure contact well and Reduce labor costs.
- Ring,Dot, Power logo illuminated led option
- Single led, bi-color, tri-color led optional

RoHS ISO CE CCC IP67 IP68 IK10 ISO9001

www.abbeycon.com Search

16MM RGB SUPER SHORT PUSH BUTTON SWITCH

16mm 短款三色按钮开关

特点

- 全新超短款设计
- 外壳短，双色灯，三色灯同样可定制
- 全新设计，超短款自锁功能

Features

- New design,super short housing
- Super short type with bi-color, tri-color led option
- Super short latching function with short housing available

Metal Switch Description 型号说明

For example: IB16E-P11Z-ER12V/S

IB	○	□	— ★	●	◆	■	— ⊙	▲	▼ / ◎
Aibeiken Code 埃贝肯代号	Mounting hole size 安装孔尺寸	Series 系列	Head shape 头部形状	Switch combination 开关组合	Operation types 操作类型	Connection types 接线方式	Illumination types 带灯类型	LED color 灯珠颜色	LED voltage 灯珠电压	Housing Material 外壳材质
IB	7: 7mm 8: 8mm 10: 10mm 12: 12mm 16: 16mm 19: 19mm 22: 22mm 25: 25mm 28: 28mm 30: 30mm 40: 40mm	A B C D E ……	G: High Round P: Flat Round Q: Domed X: Rotary Y: Key S: Square M: Mushroom G: 高头 P: 平头 Q: 弧形头 X: 旋钮 Y: 钥匙钮 S: 方头 M: 蘑菇头	10: 1NO 1C: 1NC 11: 1NO1NC 22: 2NO2NC 10: 一常开 1C: 一常闭 11: 一开一闭 22: 二开二闭	F: Momentary Z: Latching M: Buzzer SM: Flash buzzer F: 自复式 Z: 自锁式 M: 蜂鸣器 SM: 闪光蜂鸣器	Y: Pin Terminal J: Screw Terminal Y: 焊接脚 J: 接线柱脚	E: Ring D: Dot *: Power Logo E*: Ring&Power logo DD: Multi-dot C: Full illuminated ZL: Logo Illuminated ZK: Logo non-Illuminated E: 环形发光 D: 点式发光 *: 电源符号发光 E*: 环形和电源符号发光 DD: 多点式 C: 全圆发光 ZL: 定制符号发光 ZK: 定制符号不发光	R G B Y W O P RG RB RGB	3V 5V 6V 12V 24V 36V 48V 110V 220V 230V	N: Brass nickel S: Stainless steel A: Aluminum oxide C: Brass Chrome AL: Zn-al alloy PN: Plastic&Brass PC: Plastic N: 黄铜镀镍 S: 不锈钢 A: 铝氧化 C: 黄铜镀铬 AL: 锌铝合金 PN: 塑料 & 黄铜 PC: 塑料

注：请仔细阅读产品详细信息，根据不同产品结构状态在该表中选取相应代号。
Note: Please read carefully product detailed information, according to different product structure state in the table select the corresponding code.

Switch rated load 开关额定负载

项目 Project		参数 Parameter			
额定绝缘电压 Ui Rated insulation voltage Ui		AC250V			
发热电流 IthHeating current Ith		5A			
额定电压 Rated voltage		DC12V	DC24V	DC36V	AC220V
额定电流 (A) Rated current	电阻性负载 Resistive load	3	2		3
	电感性负载 Inductive load	1	0.5		0.5

开关结构说明 Switch structure description

触头示意图

C   NO   NC

由两只插脚组成，双点慢动通断触头
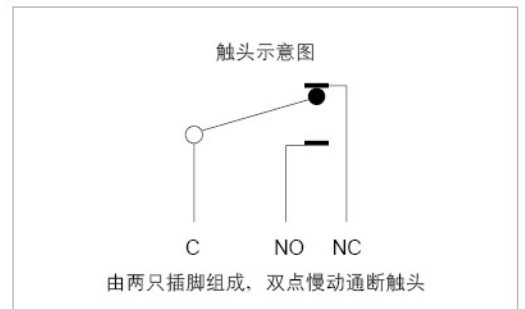
Other parameters 其它参数

项目 Project	参数 Parameter
开关型式 Switch type	快动单触点 Fast moving single contact
接触电阻 Contact resistance	≤ 50mΩ
绝缘电阻 Insulation resistance	≥ 1000mΩ
绝缘强度 Insulation strength	2000VAC
环境温度 Ambient temperature	-20℃ ~+55℃
电器寿命 Electrical life	5 万次以上 More than 50000 times
机械寿命 Mechanical life	50 万次以上 More than 500000 times
防水等级 Waterproof grade	IP65/IP67

项目 Project	参数 Parameter
防爆等级 Explosion grade	lk10(针对金属材质) for metal material
操作压力 Operating pressure	2.5~4.5N
操作行程 Operation schedule	接通约 2mm, 总行程约 3mm Connected to about 2mm,head office about 3mm
螺母扭矩 Nut torque	5~14N.m
外壳 Outer shell	不锈钢 / 黄铜镀镍 / 铝合金氧化 / 塑料 Stainless steel/Brass plating/Aluminium alloy code/plastic
按键 Press key	不锈钢 / 黄铜镀镍 / 铝合金氧化 / 塑料 Stainless steel/Brass plating/Aluminium alloy code/plastic
基座 Base seat	工程塑料 Engineering
触点 Touch point	银合金 Silver alloy
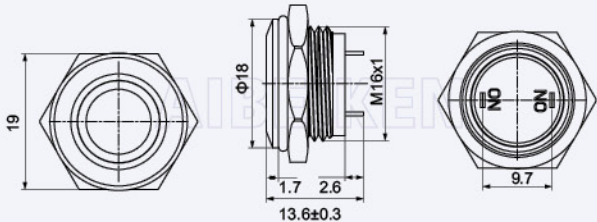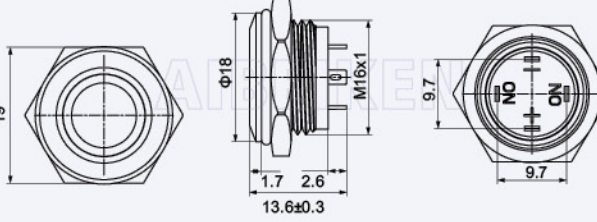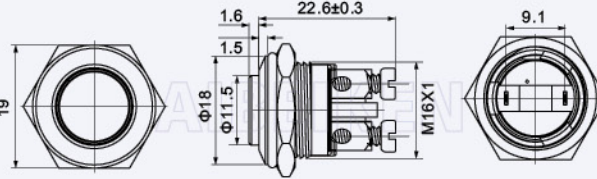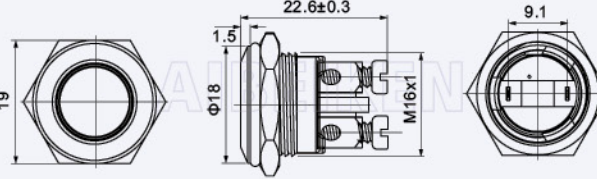
Metal Push Button 金属按钮开关

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LED lamp parameters LED灯珠参数

项目 Project	参数 Parameter
灯珠类型 Led type	高亮度 LED 灯珠，冷色 High brightness LED lamp, cool
发光颜色 Luminous color	R G B Y W O P RG RB RGB
额定电压 Rated voltage	AC/DC 3~8V、9~24V、25~48V、49~60V、110V、220V 宽压范围
额定电流 Rated current	≤ 20mA
参考寿命 Reference life	40000 小时（参考值）40000 hours(reference value)

LED 灯原理图 （内置电阻降压，数字1、2、3、4分别对应开关的脚位） LED lamp principle diagram(built-in resistor step-down, digital 1, 2, 3, 4 respectively the corresponding switch pin)	说明 Explain	单色发光电路图 （不分正负极） Monochrome light emitting circuit diagram: (no positive or negative)	双色单 LED 电路图 （有公共端 COM，限 48V 以内，有红绿或红蓝双色） Two color single LED circuit diagram (with common end COM, limited 48V, red/green or red/blue dual color)	双色双 LED 电路图 （可做 3~220V，可任意组合颜色） Dual color duble LED circuit diagram(3~220V can be used to combine colors)	三色发光电路图 （有公共端 COM，限 48V 以内，有红绿蓝三色） Three color light emitting circuit diagram(a common end COM, 48V with in the limit, there are red/ green /blue tri-color)
	原理图 Schematic diagram				
	IB16E IB19E				
	IB22E IB25E IB28E IB30E IB40E				

Commonly used luminous type diagram 常用发光类型图示，其它发光类型可定制
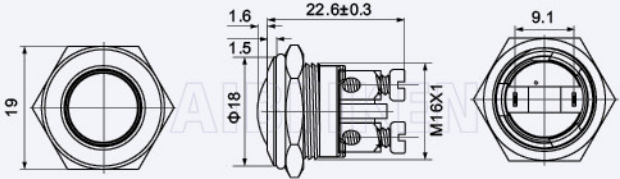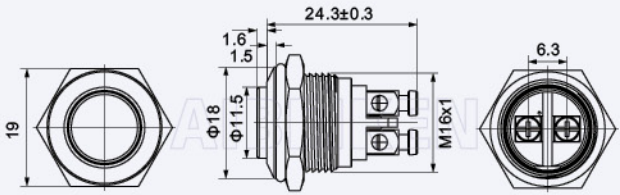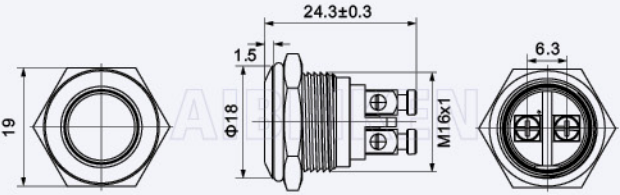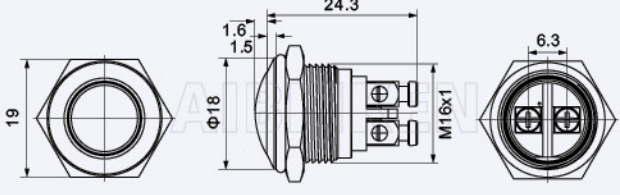
Name 名称	Non-Illum 无发光	Ring(E) 环形发光 (E)	Power Logo(*) 电源符号发光 (*)	Ring & Power Logo (E*) 环形 + 电源符号发光 (E*)	Dot(D) 中心灯发光 (D)
Graphic 图示					
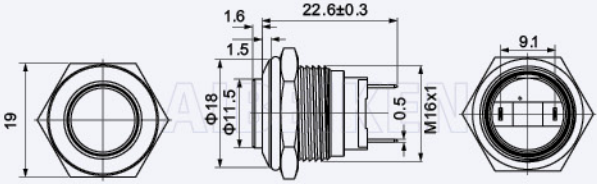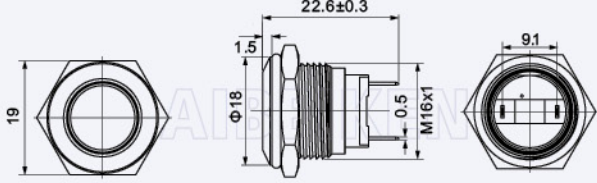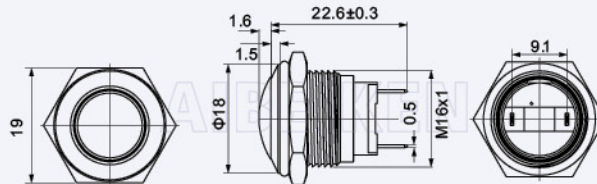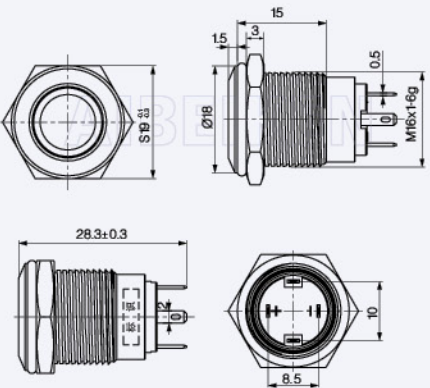
Appearance	Parameter	Outline Dimensional Drawing
IB16T-P10F	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK10 防护等级	Φ18, 19, M16x1, 1.7, 2.6, 13.6±0.3, 9.7
IB16T-P10F-E	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 防护等级	Φ18, 19, M16x1, 1.7, 2.6, 13.6±0.3, 9.7
IB16A-G10J/PC	Diameter: 16mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Plastic 外壳材质 Crust Color: R G B Y W A 按键颜色 Switch Rating: 3A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK02 防护等级	1.6, 1.5, 22.6±0.3, 19, Φ18, Φ11.5, M16X1, 9.1
IB16A-P10J/PC	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Plastic 外壳材质 Crust Color: R G B Y W A 按键颜色 Switch Rating: 3A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK02 防护等级	1.5, 22.6±0.3, 19, Φ18, M16x1, 9.1

Metal Push Button 金属按钮开关 · AIBEIKEN

Appearance	Parameter	Outline Dimensional Drawing
IB16A-Q10J/PC	Diameter: 16mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Plastic 外壳材质 Crust Color: R G B Y W A 按键颜色 Switch Rating: 3A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK02 防护等级	1.6 22.6±0.3 9.1 1.5 19 Φ18 M16X1
IB16A-G10J	Diameter: 16mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	24.3±0.3 6.3 1.6 1.5 19 Φ18 Φ11.5 M16x1
IB16A-P10J	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	24.3±0.3 6.3 1.5 19 Φ18 M16x1
IB16A-Q10J	Diameter: 16mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	24.3 6.3 1.6 1.5 19 Φ18 M16x1

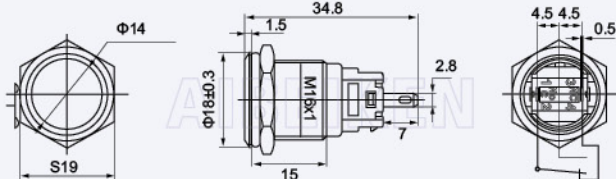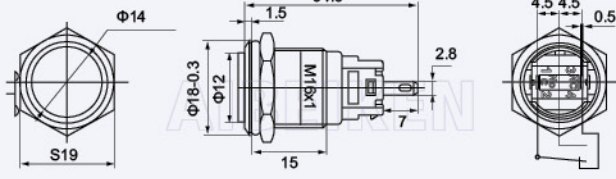| Appearance	Parameter	Outline Dimensional Drawing
IB16A-G10Y	Diameter: 16mm 孔径 Shape: High round 头部形状 Configuration: 1NO/1NC 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB16A-P10Y	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO/1NC 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB16A-Q10Y	Diameter: 16mm 孔径 Shape: Domed 头部形状 Configuration: 1NO/1NC 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB16A-P10Y-E	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	

Metal Push Button 金属按钮开关
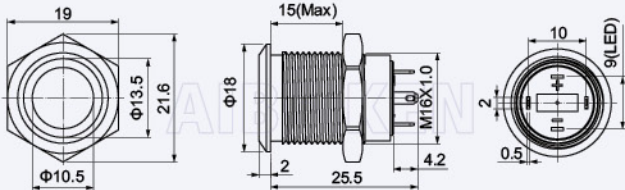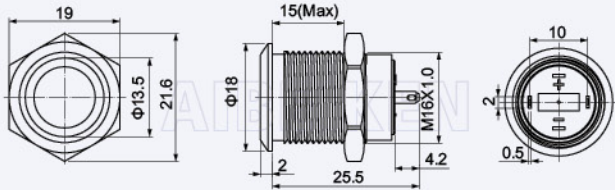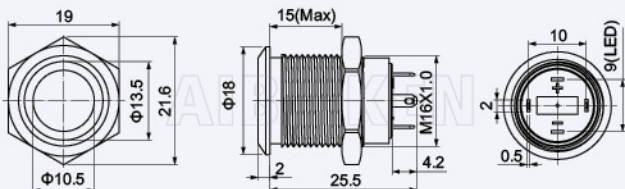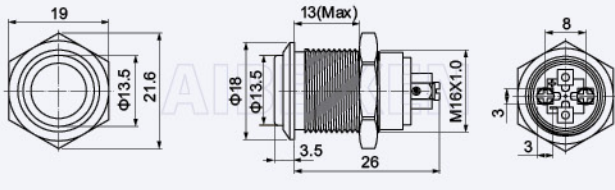
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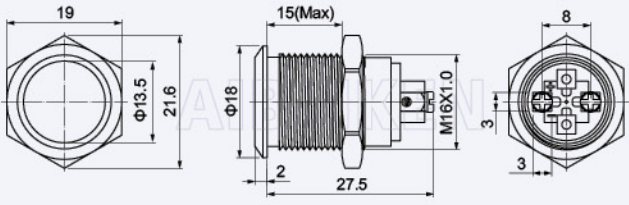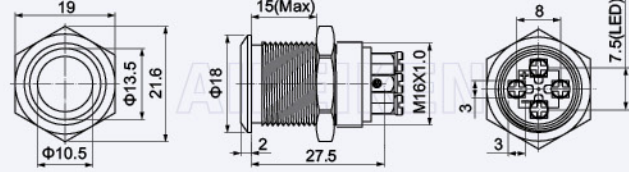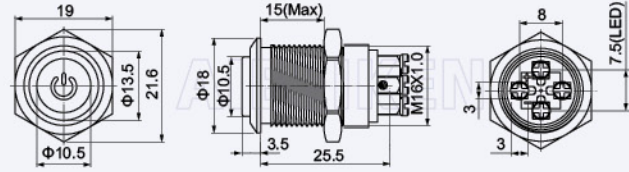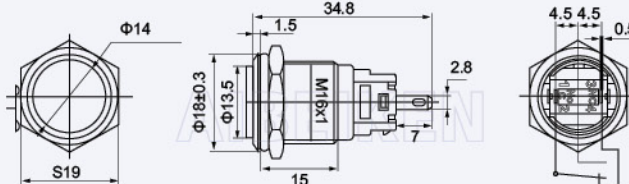
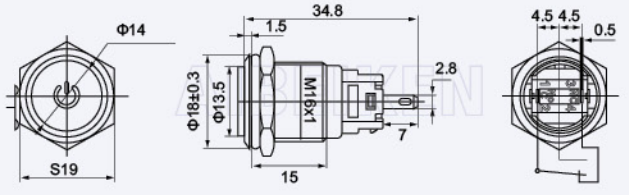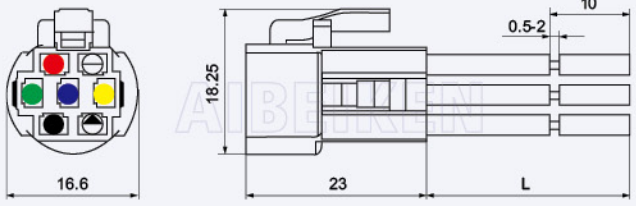| Appearance	Parameter	Outline Dimensional Drawing
IB16U-P10F-E	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O P 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB16U-P10FJ-E	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O P 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB16A-P10F-E	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O P RGB RGB RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	

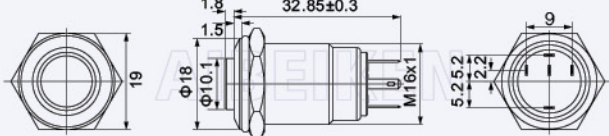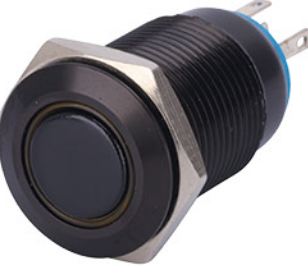| Appearance	Parameter	Outline Dimensional Drawing
IB16E-P10Z-E	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	19 15(Max) 10 9(LED) Φ13.5 Φ18 M16X1.0 21.6 2 0.5 2 25.5 4.2 Φ10.5
IB16U-P10Z	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	19 15(Max) 10 Φ13.5 Φ18 M16X1.0 21.6 2 0.5 2 25.5 4.2
IB16U-P10Z-E	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	19 15(Max) 10 9(LED) Φ13.5 Φ18 M16X1.0 21.6 2 0.5 2 25.5 4.2 Φ10.5
IB16U-G10ZJ	Diameter: 16mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	19 13(Max) 8 Φ13.5 Φ18 Φ13.5 M16X1.0 21.6 3.5 3 26 3

Metal Push Button 金属按钮开关

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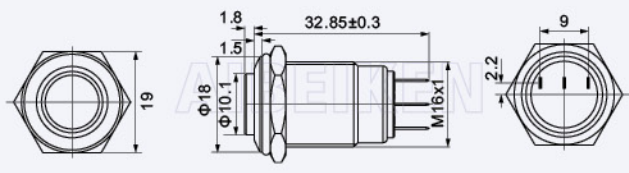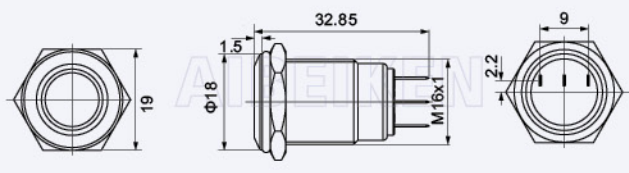
Appearance	Parameter	Outline Dimensional Drawing
IB16U-P10ZJ	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB16U-P10ZJ-E	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB16U-G10ZJ-E*	Diameter: 16mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB16E-G11_	Diameter: 16mm 孔径 Shape: High round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	

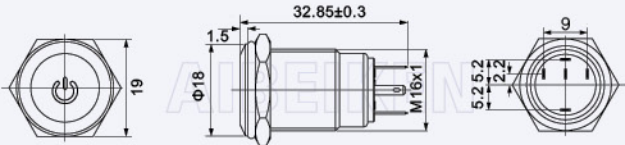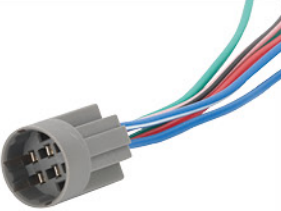| Appearance	Parameter	Outline Dimensional Drawing
IB16E-P11_	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	Φ14 / S19 / 34.8 / 1.5 / Φ18±0.3 / M16x1 / 15 / 2.8 / 7 / 4.5 4.5 / 0.5
IB16E-G11_ -E	Diameter: 16mm 孔径 Shape: High round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O P 红 蓝 绿 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	Φ14 / S19 / 34.8 / 1.5 / Φ18-0.3 / Φ12 / M16x1 / 15 / 2.8 / 7 / 4.5 4.5 / 0.5
IB16E-P11_ -E	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O P 红 蓝 绿 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	Φ14 / S19 / 34.8 / 1.5 / Φ18±0.3 / M16x1 / 15 / 2.8 / 7 / 4.5 4.5 / 0.5
IB16E-G11_ -*	Diameter: 16mm 孔径 Shape: High round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Power Logo 发光类形 Luminous Color: R G B Y W O P 红 蓝 绿 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	Φ14 / S19 / 34.8 / 1.5 / Φ18±0.3 / Φ13.5 / M16x1 / 15 / 2.8 / 7 / 4.5 4.5 / 0.5

Metal Push Button
金属按钮开关

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Appearance	Parameter	Outline Dimensional Drawing
IB16E-P11_ -E*	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring and Power Logo 发光类形 Luminous Color: R G B Y W O P RB RB RB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08	
IB16E Harness	Switch combination: 开关组合 W1: No lamp, 1NO1NC D1: With lamp, 1NO1NC Z1: Indicator light, single color Wire Spec: 0.75mm² Wire length: 150mm(Customized is acceptable) Wire stripping length: 5mm	
IB16D-G11_	Diameter: 16mm 孔径 Shape: High round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB16D-P11_	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary or latching 操作类型 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	

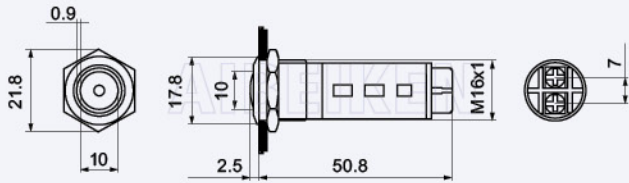| Appearance	Parameter	Outline Dimensional Drawing
IB16D-G11_-E	Diameter: 16mm 孔径 Shape: High round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOPR 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB16D-P11_-E	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOPR 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB16D-G11_-D	Diameter: 16mm 孔径 Shape: High round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Dot 发光类形 Luminous Color: RGBYWOPR 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	

Metal Push Button 金属按钮开关
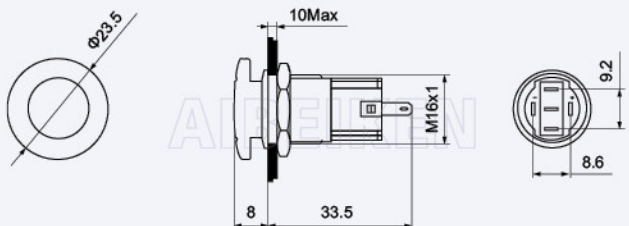
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Appearance	Parameter	Outline Dimensional Drawing
IB16D-P11_-*	Diameter: 16mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Power logo 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	32.85±0.3 1.5 Φ18 19 M16x1 9 5.2 2.2 5.2
IB16D Harness	Switch combination: 开关组合 W1: No lamp, 1NO1NC W2: No lamp, 2NO2NC D1: With lamp, 1NO1NC D2: With lamp, 2NO2NC Z1: Indicator light, single color Z2: Indicator light, bi-color Wire Spec: 0.75m² Wire length: 150mm(Customized is acceptable) Wire stripping length: 5mm	17.05 L 23 5-0.75m² 19.2
IB16U-Y11Z-2 IB16U-Y22Z-3	Diameter: 16mm 孔径 Shape: Key Type 头部形状 Configuration: 1NO1NC (2 position)/2NO2NC(3 position) 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Stainless steel 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK02 防护等级	5Max 12 19 M16x1 10 15.8 9 30.5 5.5
IB16U-X11Z-2 IB16U-X22Z-3	Diameter: 16mm 孔径 Shape: Rotary Type 头部形状 Configuration: 1NO1NC (2 position)/2NO2NC(3 position) 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Stainless steel 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK02 防护等级	16.6 5Max 12 19.6 M16x1 10 17.7 28 5.5

Appearance	Parameter	Outline Dimensional Drawing
IB16U Buzzer	Diameter: 16mm 孔径 Sound Type: Continuous(M) / Discontinuous(JM)/Flash buzzer(SM) 声响类型: 连续蜂鸣 (M) / 间断蜂鸣 (JM)/ 闪光蜂鸣 (SM) Voltage: DC12V/DC24V/AC 电压 Sound Intensity: ≥ 85dB(0.1Meter) ≥ 75dB (1 Meter) 声音强度: ≥ 85dB(0.1 米处)/ ≥ 75dB (1 米处) Crust Material: Stainless steel 外壳材质 Rated current: ≤ 30mA 额定电流 Connection mode: Screw terminal 接线方式 Protection Grade: IP40 IK04 防护等级	0.9 21.8 17.8 10 10 2.5 50.8 M16x1 7
IB16U-M11_	Diameter: 16mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Actuator Color: Red/Green 按键颜色 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK09 防护等级	Φ23.5 10Max M16x1 9.2 8.6 8 33.5

Light Effect 头部发光效果图

19mm METAL PUSH BUTTON SWITCH

19mm 金属按钮开关

特点

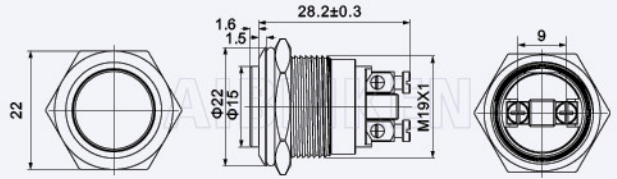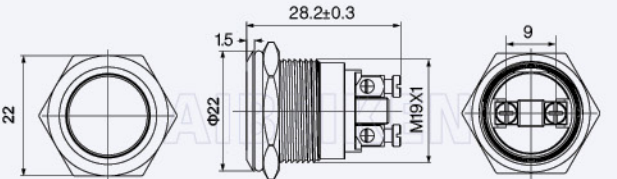■ 环形，点式，电源符号，整面发光等多
　种发光形式可选
■ 可配带线接插件，保证接触牢固
■ 外壳颜色多种供选择
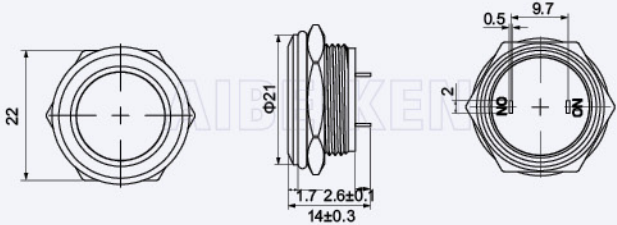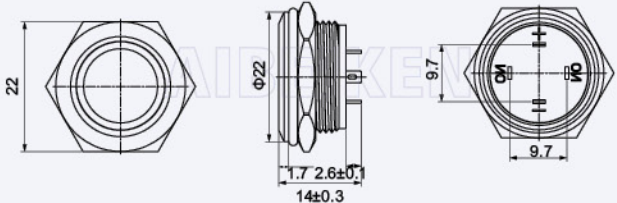
Features

■ Ring, Dot, power logo,full illuminated optional
■ Switch harness to ensure contact well and Reduce labor costs
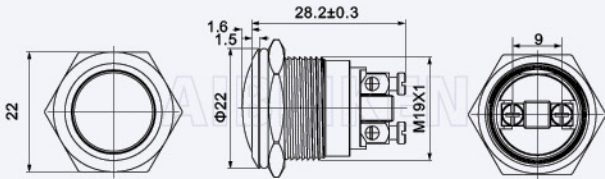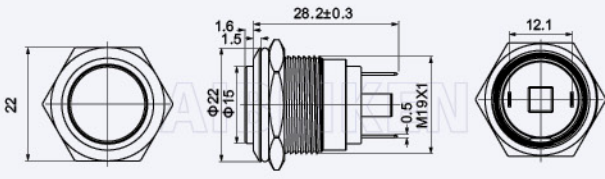■ Aluminum oxide housing in different colors optional
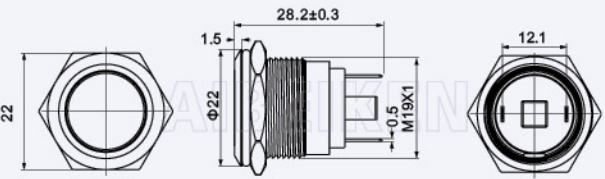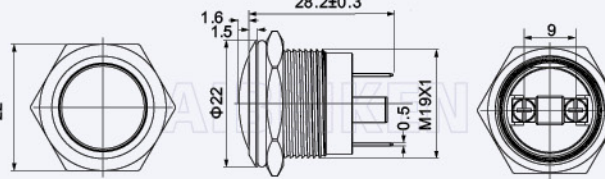
RoHS ⓘⓈⓄ CE ⓒⓒⓒ IP67 IP68 IK10 ISO9001

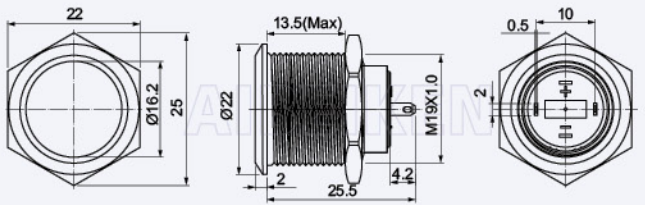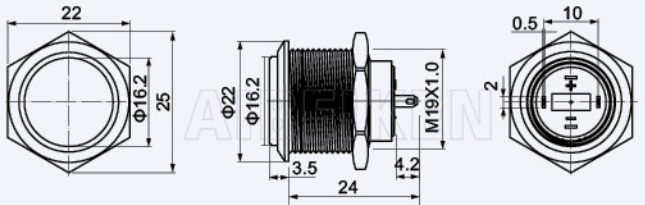| Appearance	Parameter	Outline Dimensional Drawing
IB19T-P10F	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK10 防护等级	
IB19T-P10F-E	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK10 防护等级	
IB19A-G10J	Diameter: 19mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB19A-P10J	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
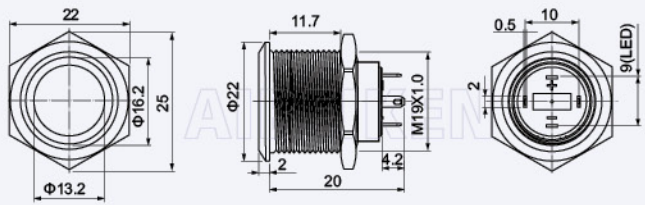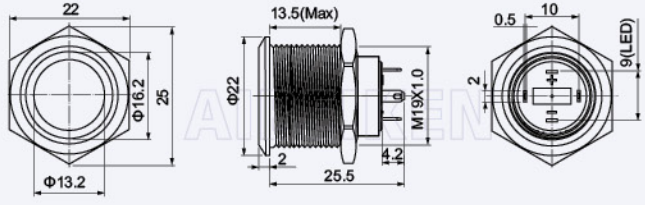
Metal Push Button 金属按钮开关

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Appearance	Parameter	Outline Dimensional Drawing
 IB19A-Q10J	Diameter: 19mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
 IB19A-G10Y	Diameter: 19mm 孔径 Shape: High round 头部形状 Configuration: 1NO/1NC 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
 IB19A-P10Y	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO/1NC 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
 IB19A-Q10Y	Diameter: 19mm 孔径 Shape: Domed 头部形状 Configuration: 1NO/1NC 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	

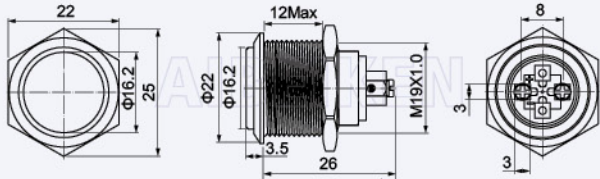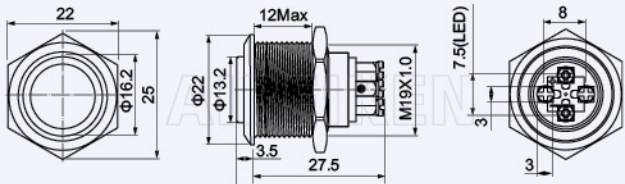| Appearance	Parameter	Outline Dimensional Drawing
IB19U-P10Z	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	22 Φ16.2 25 13.5(Max) Φ22 M19X1.0 2 25.5 4.2 0.5 10 2
IB19U-G10Z-E	Diameter: 19mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	22 Φ16.2 25 Φ22 Φ16.2 M19X1.0 2 3.5 24 4.2 0.5 10 2
IB19U-P10F-E	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	22 Φ16.2 25 Φ13.2 11.7 Φ22 M19X1.0 2 20 4.2 0.5 10 2 9(LED)
IB19U-P10Z-E	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	22 Φ16.2 25 Φ13.2 13.5(Max) Φ22 M19X1.0 2 25.5 4.2 0.5 10 2 9(LED)

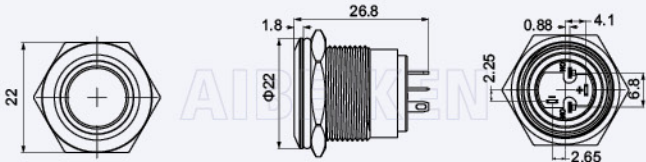| Appearance	Parameter	Outline Dimensional Drawing
 IB19U-G10ZJ	Diameter: 19mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
 IB19U-G10ZJ-E	Diameter: 19mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
 IB19U-P10ZJ-E	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
 IB19U-P10ZJ-E*	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring & Power Logo 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	

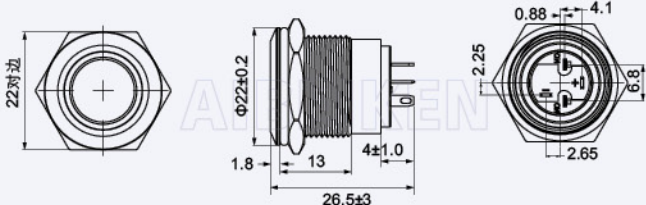| Appearance	Parameter	Outline Dimensional Drawing
IB19E-P10Z	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB19E-P10Z-E	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWO 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB19Z-P10_	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB19Z-P10_-E	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWO 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
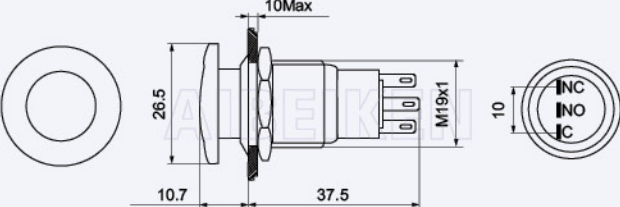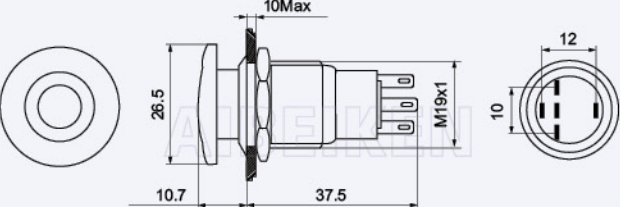
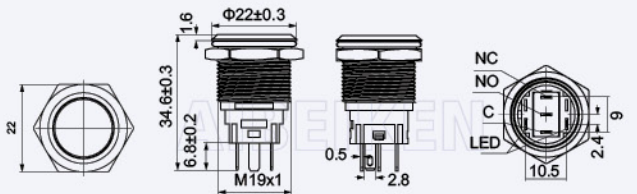| Appearance	Parameter	Outline Dimensional Drawing
IB19Z-P10_-D	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Dot 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	Φ7.5 Φ15 1.5 10 5.5 2.8 9.5 11.9 Φ22 M19×1 27 NO LED
IB19Z-P10_-E*	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Power Logo 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	Φ11.5 Φ15 1.5 10 5.5 2.8 9.5 11.9 Φ22 M19×1 27 NO LED
IB19Z Harness	Switch combination: 开关组合 W1: No lamp, 1NO1NC W2: No lamp, 2NO2NC D1: With lamp, 1NO1NC D2: With lamp, 2NO2NC Z1: Indicator light, single color Z2: Indicator light, bi-color Wire Spec: 0.5mm² Wire length: 150mm(Customized is acceptable) Wire stripping length: 5mm	Black Φ17 Blue Blue Red 23 19 L1 L2 L3
IB19E-G11_	Diameter: 19mm 孔径 Shape: High round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	22 Φ22±0.3 1.6 34.6±0.3 6.88±0.2 M19×1 0.5 2.8 NC NO C LED 10.5 2.4 9

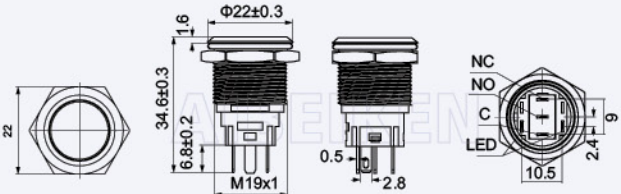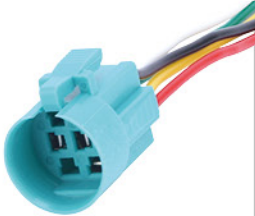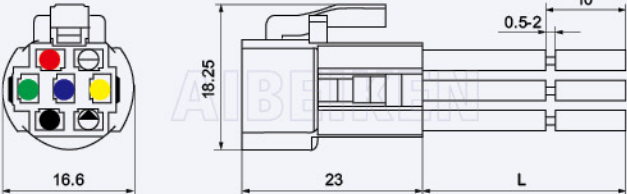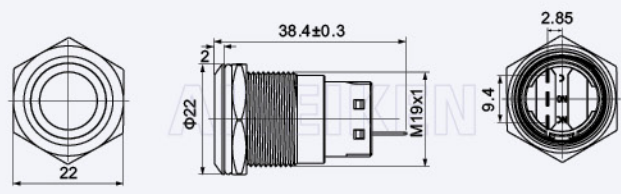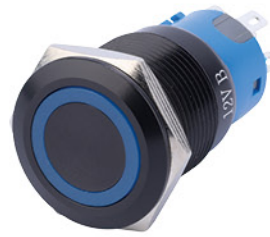| Appearance	Parameter	Outline Dimensional Drawing
IB19E-P11_	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB19E-G11_-E	Diameter: 19mm 孔径 Shape: High round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O P RG RB RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB19E-P11_-E	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O P RG RB RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB19E-P11_-E*	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring&Power Logo 发光类形 Luminous Color: R G B Y W O P RG RB RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	

Metal Push Button 金属按钮开关

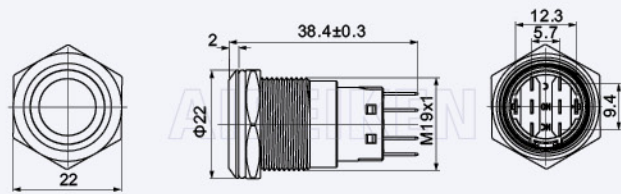AIBEIKEN

Appearance	Parameter	Outline Dimensional Drawing
  IB19E-P11_-C	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Full Illuminated 发光类形 Luminous Color: R G B Y W O P RG BR RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Chrome/Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
  IB19E Harness	Switch combination: 开关组合 W1: No lamp, 1NO1NC D1: With lamp, 1NO1NC Z1: Indicator light, single color Z2: Indicator light, bi-color Wire Spec: 0.75mm² Wire length: 150mm(Customized is acceptable) Wire stripping length: 5mm	
  IB19U-M11_	Diameter: 19mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Actuator Color: Red/Green 按键颜色 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK09 防护等级	
  IB19U-M11_-D	Diameter: 19mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Dot 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	

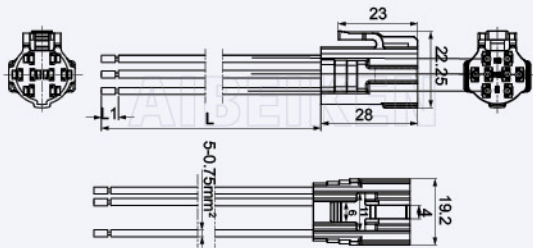# 19mm Metal Push Button
19mm 金属按钮开关

Appearance	Parameter	Outline Dimensional Drawing
IB19B-P11_	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary or Latching 操作类型 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	38.4±0.3 / Φ22 / 22 / M19x1 / 2.85 / 9.4
IB19B-P11_-E	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary or Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	38.4±0.3 / Φ22 / 22 / M19x1 / 12.3 / 5.7 / 9.4
IB19B-P11_-D	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary or Latching 操作类型 Luminous Type: Dot 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	38.4±0.3 / Φ22 / 22 / M19x1 / 12.3 / 5.7 / 9.4
IB19B-P11_-E*	Diameter: 19mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring & Power logo 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	38.4±0.3 / Φ22 / 22 / M19x1 / 12.3 / 5.7 / 9.4

Appearance	Parameter	Outline Dimensional Drawing
IB19B Harness	Switch combination: 开关组合 W1: No lamp, 1NO1NC W2: No lamp, 2NO2NC D1: With lamp, 1NO1NC D2: With lamp, 2NO2NC Z1: Indicator light, single color Z2: Indicator light, bi-color Wire Spec: 0.75mm² Wire length: 150mm(Customized is acceptable) Wire stripping length: 5mm	
IB19U-Y11Z-2 **IB19U-Y22Z-3**	Diameter: 19mm 孔径 Shape: Key Type 头部形状 Configuration: 2 or 3 position 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Stainless steel/Brass nickel 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK02 防护等级	
IB19U-X11Z-E-2 **IB19U-X22Z-E-3**	Diameter: 19mm 孔径 Shape: Rotary 头部形状 Configuration: 2 or 3 position 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/Stainless steel 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK02 防护等级	
IB19U Buzzer	Diameter: 19mm 孔径 Sound Type : Continuous(M) / Discontinuous(JM)/Flash buzzer(SM) 声响类型：连续蜂鸣 (M) / 间断蜂鸣 (JM)/ 闪光蜂鸣 (SM) Voltage: DC12V/DC24V/AC 电压 Sound Intensity: ≥ 85dB(0.1 Meter)/ ≥ 75dB (1 Meter) 声音强度： ≥85dB(0.1 米处)/ ≥75dB (1 米处) Crust Material: Stainless steel 外壳材质 Rated current: ≤ 30mA 额定电流 Connection mode: Screw terminal 接线方式 Protection Grade: IP40 IK04 防护等级	

22mm METAL PUSH BUTTON SWITCH

22mm 金属按钮开关

特点

- 新设计，新增二开二闭功能可选
- 双色灯和三色灯可选,电压多种可选
- 新设计大电流可达15A
- 新开发全圆发光面，多色可选
- 触摸开关IP68高防水设计
- 可配带线接插件

Features

- New design with 2NO2NC function option
- Bi-color,tri-color Led optional,voltage from 3 to 220V optional
- New design with 15A current available
- New design with full illuminated
- Touch switch with IP68 protection
- Switch harness to ensure contact well and Reduce labor costs

RoHS　CE　CCC　IP67　IP68　IK10　ISO9001

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22mm 1 NO WATERPROOF PUSH BUTTON SWITCH

22mm 短款防水按钮开关

特点

- 焊脚螺丝脚可选
- 环形或电源符号发光,电压多种可选
- 高头，平头，球头可选
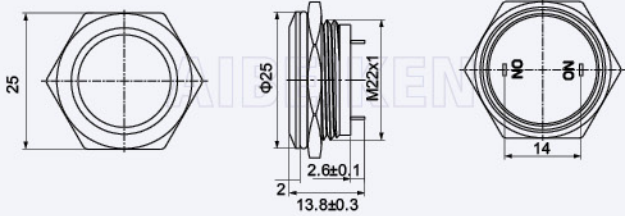
Features

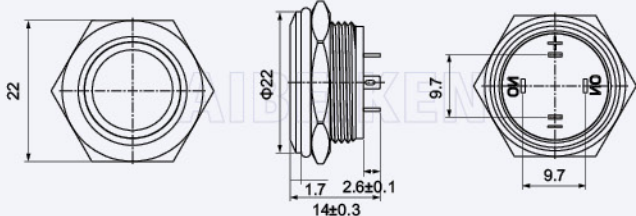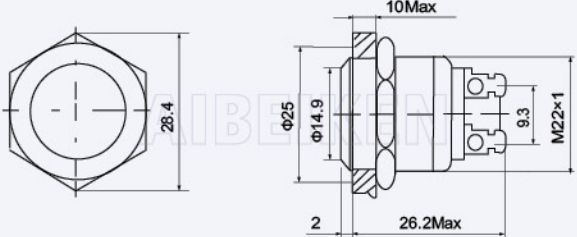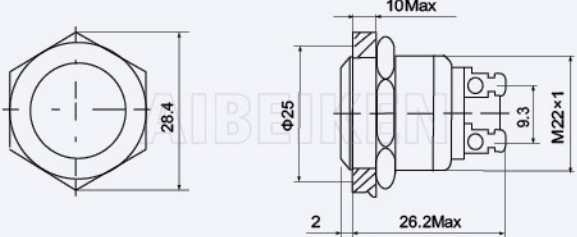- Pin or Screw terminal
- Ring or Power logo Illuminated
- High/Flat/Domed Shape
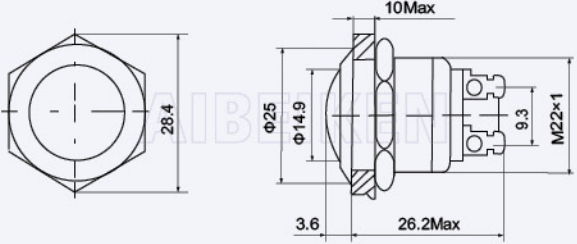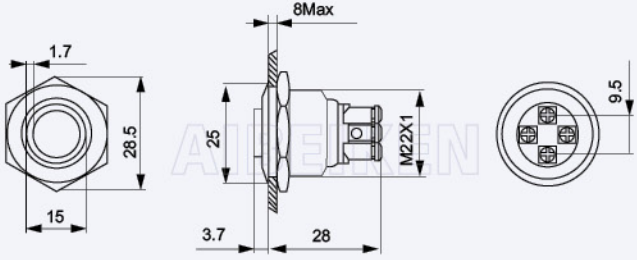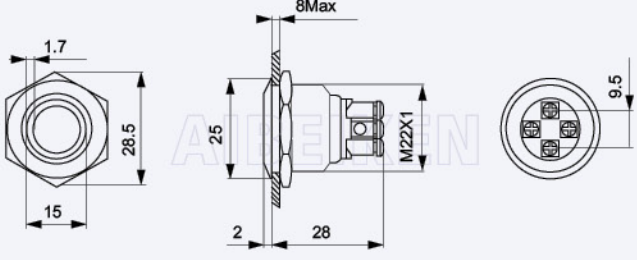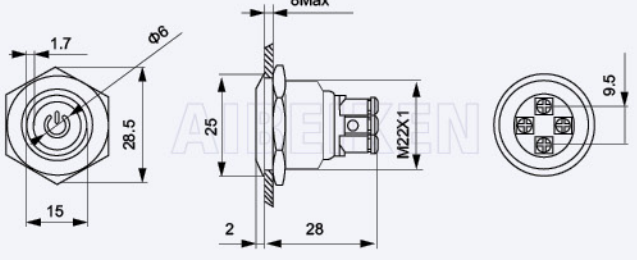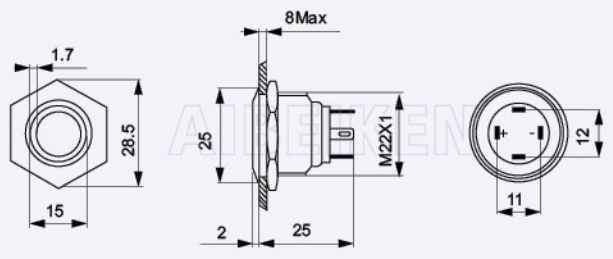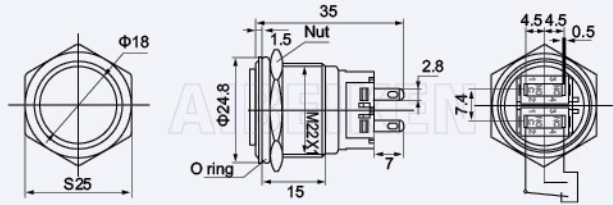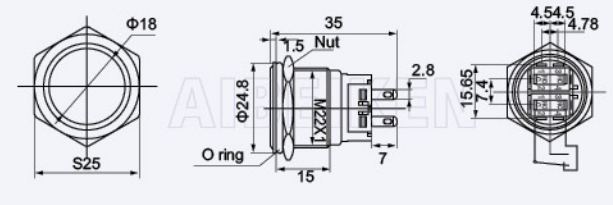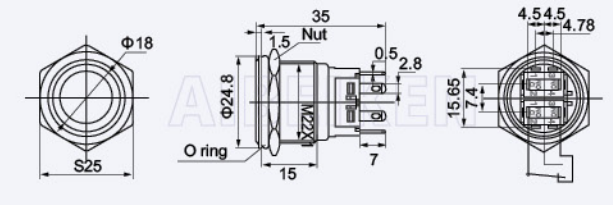
Appearance	Parameter	Outline Dimensional Drawing
IB22T-P10F	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK10 防护等级	
IB22T-P10F-E	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 防护等级	
IB22U-G10J	Diameter: 22mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Screw or Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB22U-P10J	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Screw or Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	

Metal Push Button 金属按钮开关

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Appearance	Parameter	Outline Dimensional Drawing
IB22U-Q10J	Diameter: 22mm 孔径 Shape: Domed 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 3A 开关额定值 Connection mode: Screw or Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB22U-G10J-E	Diameter: 22mm 孔径 Shape: High round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWO 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB22U-P10J-E	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWO 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB22U-P10J-E*	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring & Power logo 发光类形 Luminous Color: RGBYWO 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Screw terminal 接线方式 Protection Grade: IP65 IK08 防护等级	

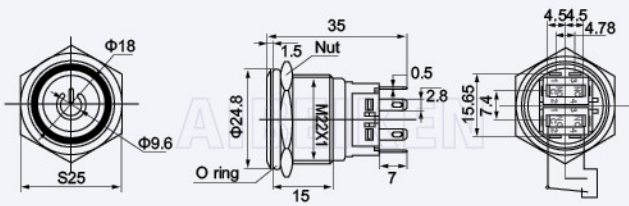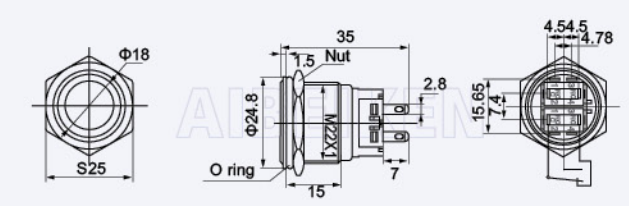| Appearance	Parameter	Outline Dimensional Drawing
IB22U-P10Y-E	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWO 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK08 防护等级	
IB22E-G11_	Diameter: 22mm 孔径 Shape: High round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB22E-P11_	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB22E-P11_-E	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	

Metal Push Button 金属按钮开关
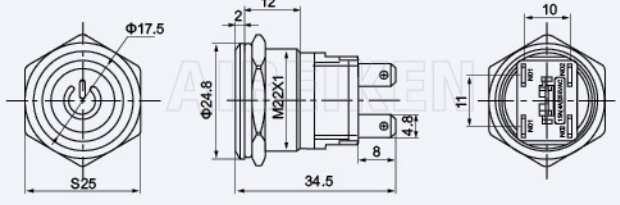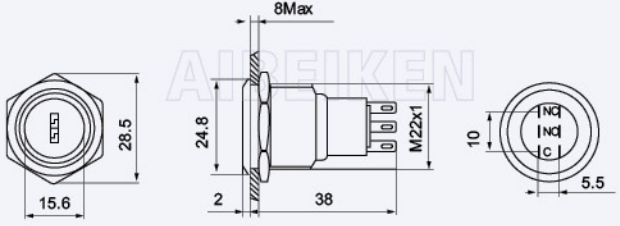
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Appearance	Parameter	Outline Dimensional Drawing
IB22E-P11_-E*	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring&Power Logo 发光类形 Luminous Color: R G B Y W O P RG RB RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB22E-P11_-C	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Full Illuminated 发光类形 Luminous Color: R G B Y W O P RG RB RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Chrome/Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB22E Harness	Switch combination: 开关组合 W1: No lamp, 1NO1NC W2: No lamp, 2NO2NC D1: With lamp, 1NO1NC D2: With lamp, 2NO2NC Z1: Indicator light, single color Z2: Indicator light, bi-color Wire Spec: 0.75mm² Wire length: 150mm(Customized is acceptable) Wire stripping length: 5mm	
IB22U-P11_-C/PC	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Full Illuminated 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Plastic 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	

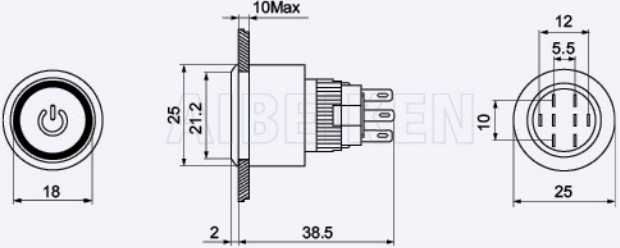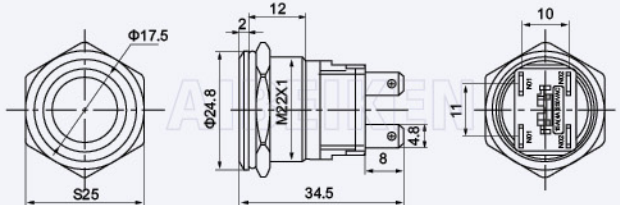| Appearance	Parameter	Outline Dimensional Drawing
IB22U-P11_-*/PC	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Power Logo 发光类型 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Plastic 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB22K-P20_-E	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 2NO 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 15A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK10 防护等级	
IB22K-P20_-E*	Diameter: 22mm 孔径 Shape: Flat round 头部形状 Configuration: 2NO 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring & Power Logo 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/Stainless steel/Aluminum 外壳材质 Switch Rating: 15A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK10 防护等级	
IB22U-Y11Z-2 IB22U-Y22Z-3	Diameter: 22mm 孔径 Shape: Key Type 头部形状 Configuration: 2 or 3 position 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Stainless steel/Brass nickel 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK02 防护等级	

Metal Push Button 金属按钮开关

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埃贝肯按钮，点亮你和我
AIBEIKEN BUTTON, LIGHT YOU AND ME

Appearance	Parameter	Outline Dimensional Drawing
IB22U-X11Z-2 IB22U-X22Z-3	Diameter: 22mm 孔径 Shape: Rotary type 头部形状 Configuration: 2 or 3 position 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Stainless steel/Brass nickel 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK02 防护等级	
IB22U Buzzer	Diameter: 22mm 孔径 Sound Type: Continuous(M) / Discontinuous(JM)/Flash buzzer(SM) 声响类型: 连续蜂鸣 (M) / 间断蜂鸣 (JM)/ 闪光蜂鸣 (SM) Voltage: DC12V/DC24V/AC 电压 Sound Intensity: ≥ 85dB(0.1 Meter)/ ≥ 75dB (1 Meter) 声音强度: ≥ 85dB(0.1 米处)/ ≥ 75dB (1 米处) Crust Material: Stainless steel 外壳材质 Rated current: ≤ 30mA 额定电流 Connection mode: Screw terminal 接线方式 Protection Grade: IP40 IK04 防护等级	
IB22S-MT11F-D IB25S-MT11F-D	Diameter: 22mm/25mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO1NC 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Dot 发光类形 Luminous Color: RGBYWOP 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK10 防护等级	

25-40mm METAL PUSH BUTTON SWITCH

25-40mm 金属按钮开关

特点
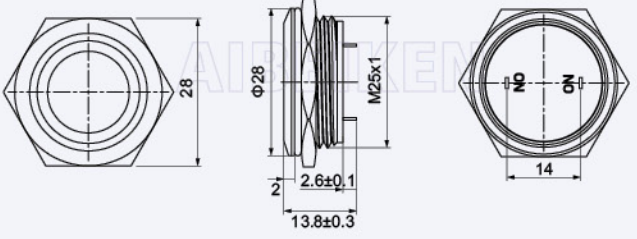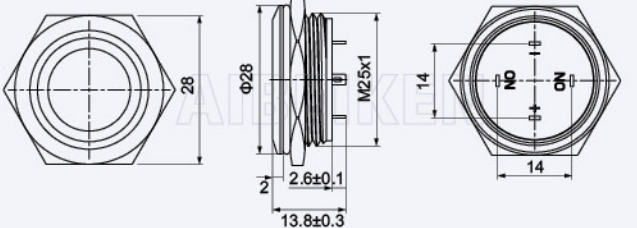
- 一开一闭功能，二开二闭功能可选
- IP67等级防水防尘
- 双色/三色发光可选，电压可随意选择
- 可配带线接插件，保证接触牢固

Features

- 1NO1NC function, with 2NO2NC optional
- Waterproof and dustproof grade up to IP67
- Bi-color/Tri-color Led optional, optional voltage
- Switch harness to ensure contact well and Reduce labor costs

RoHS ⓈⒾⒶ C€ ⒸⒸⒸ IP67 IP68 IK10 ISO9001

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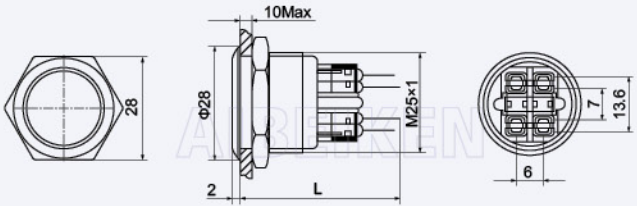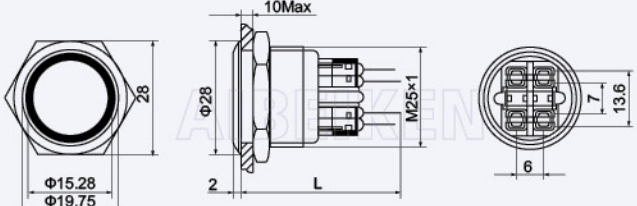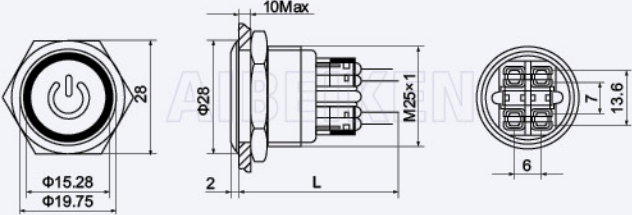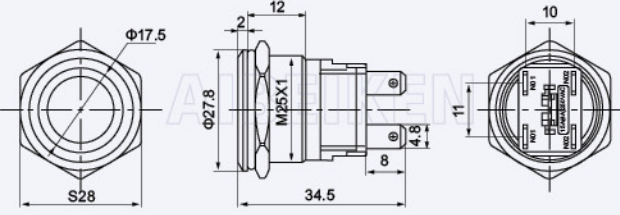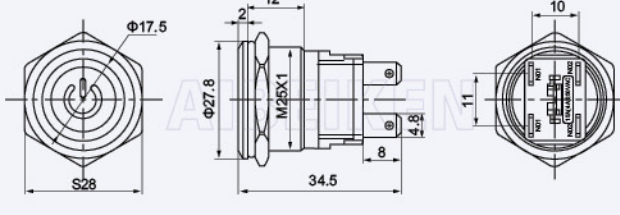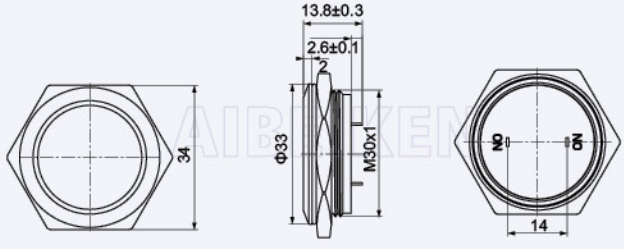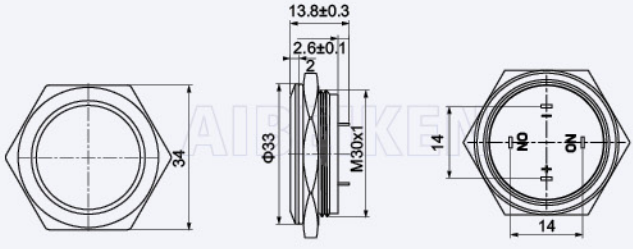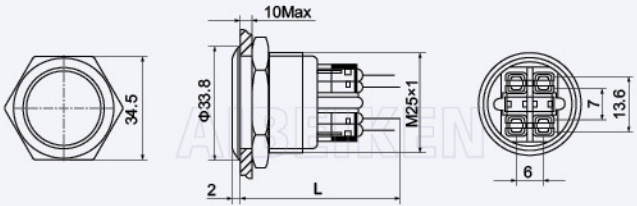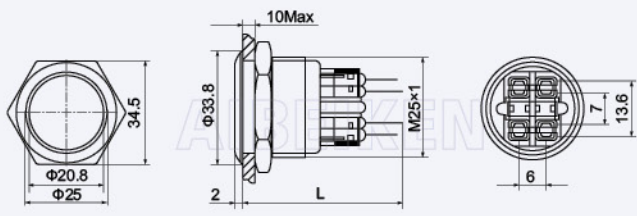| Appearance	Parameter	Outline Dimensional Drawing
IB25T-P10F	Diameter: 25mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK10 防护等级	
IB25T-P10F-E	Diameter: 25mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 防护等级	
IB25S-P11_/S	Diameter: 25mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB25S-P11_-E/S	Diameter: 25mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O P 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	

Appearance	Parameter	Outline Dimensional Drawing
IB25S-P11_-E*/S	Diameter: 25mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring & Power Logo 发光类形 Luminous Color: R G B Y W O P RB RG RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	Φ15.28 Φ19.75 28 10Max Φ28 M25×1 2 L 7 13.6 6
IB25K-P20_-E	Diameter: 25mm 孔径 Shape: Flat round 头部形状 Configuration: 2NO 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 15A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK10 防护等级	Φ17.5 S28 12 2 Φ27.8 M25X1 4.8 8 34.5 10 11
IB25K-P20_-E*	Diameter: 25mm 孔径 Shape: Flat round 头部形状 Configuration: 2NO 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring & Power Logo 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 15A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK10 防护等级	Φ17.5 S28 12 2 Φ27.8 M25X1 4.8 8 34.5 10 11

Metal Push Button 金属按钮开关

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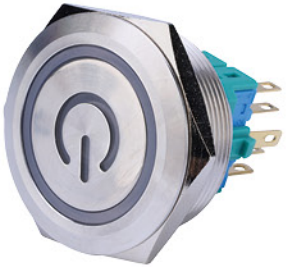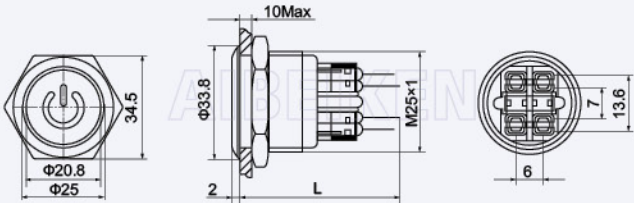| Appearance	Parameter	Outline Dimensional Drawing
IB30T-P10F	Diameter: 30mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK10 防护等级	
IB30T-P10F-E	Diameter: 30mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO 开关组合 Operation Type: Momentary 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass or Stainless steel 外壳材质 Switch Rating: 2A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 防护等级	
IB30S-P11_/S	Diameter: 30mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Stainless steel/ Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB30S-P11_-E/S	Diameter: 30mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O P RB RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Stainless steel/ Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	

Appearance	Parameter	Outline Dimensional Drawing
IB30S-P11_-E*/S	Diameter: 30mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring&Power Logo 发光类形 Luminous Color: R G B Y W O P RB RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Stainless steel/ Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB40S-P11_/S	Diameter: 40mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Crust Material: Stainless steel/ Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB40S-P11_-E/S	Diameter: 40mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O P RB RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Stainless steel/ Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	
IB40S-P11_-E*/S	Diameter: 40mm 孔径 Shape: Flat round 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring&power logo 发光类形 Luminous Color: R G B Y W O P RB RGB 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Nickel plated brass/ Stainless steel/Aluminum 外壳材质 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK08 防护等级	

Metal Push Button 金属按钮开关

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MUSHROOM SWITCH
EMERGENCY STOP SWITCH

蘑菇头按钮 急停开关
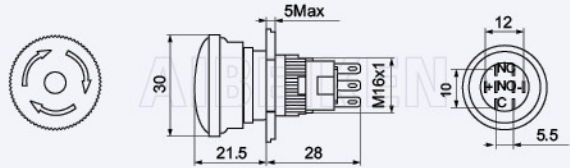
特点

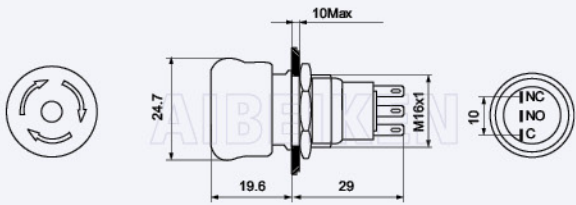- 16mm,19mm, 22mm可选
- 红色/绿色默认，蓝黄色可选
- 一开一闭或二开二闭可选
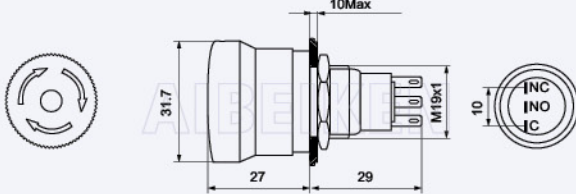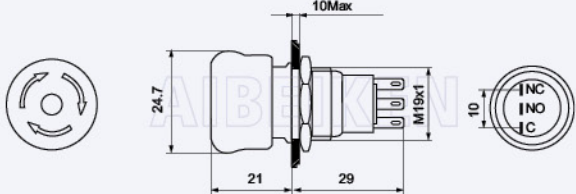
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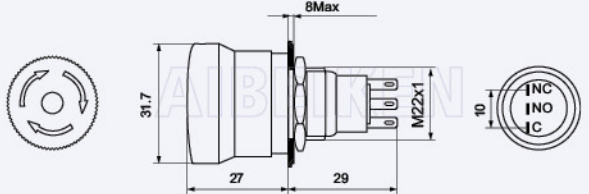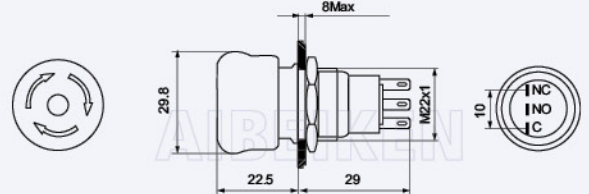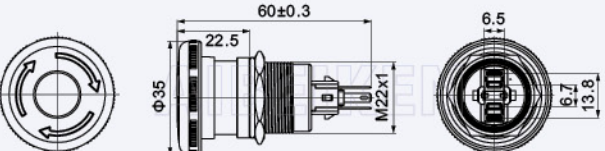
- 16mm,19mm, 22mm optional
- Red/Green is common, Blue/Yellow optional
- 1NO1NC or 2NO2NC optional

RoHS ISO CE CCC IP67 IP68 IK10 ISO9001

Appearance	Parameter	Outline Dimensional Drawing
IB16U-ES11-A	Diameter: 16mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Emergency Stop 操作类型 Crust Material: Plastic/Brass nickel 外壳材质：塑料 / 黄铜镀镍 Actuator Color: Red/Green 按键颜色 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK02 防护等级	5Max / 30 / 21.5 / 28 / M16x1 / 12 / 10 / 5.5
IB16U-ES11-B	Diameter: 16mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Emergency Stop 操作类型 Crust Material: Nickel plated brass/ Stainless steel 外壳材质：黄铜 / 不锈钢 Actuator Color: Red/Green 按键颜色 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK02 防护等级	10Max / 24.7 / 19.6 / 29 / M16x1 / 10
IB19U-ES11-A	Diameter: 19mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Emergency Stop 操作类型 Crust Material: Crust Material: Nickel plated brass/Stainless steel 外壳材质：黄铜 / 不锈钢 Actuator Color: Red/Green 按键颜色 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP67 IK09 防护等级	10Max / 31.7 / 27 / 29 / M19x1 / 10
IB19U-ES11-F	Diameter: 19mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Emergency Stop 操作类型 Crust Material: Nickel plated brass/ Stainless steel 外壳材质：黄铜 / 不锈钢 Actuator Color: Red/Green 按键颜色 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK02 防护等级	10Max / 24.7 / 21 / 29 / M19x1 / 10

AIBEIKEN BUTTON, LIGHT YOU AND ME
埃贝肯按钮，点亮你和我

Appearance	Parameter	Outline Dimensional Drawing
IB22U-ES11-A	Diameter: 22mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Emergency Stop 操作类型 Crust Material: Nickel plated brass/ Stainless steel 外壳材质：黄铜 / 不锈钢 Actuator Color: Red/Green 按键颜色 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK09 防护等级	8Max · 31.7 · 27 · 29 · M22x1 · 10 · NC NO C
IB22U-ES11-F	Diameter: 22mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Emergency Stop 操作类型 Crust Material: Nickel plated brass/ Stainless steel 外壳材质：黄铜 / 不锈钢 Actuator Color: Red/Green 按键颜色 Switch Rating: 5A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP65 IK02 防护等级	8Max · 29.8 · 22.5 · 29 · M22x1 · 10 · NC NO C
IB22A-M11_-E/PC	Diameter: 22mm 孔径 Shape: Mushroom 头部形状 Configuration: 1NO1NC/2NO2NC 开关组合 Operation Type: Momentary/Latching 操作类型 Luminous Type: Ring 发光类形 Luminous Color: R G B Y W O 发光颜色 Luminous Volt: 3V 5V 6V 12V 24V 36V 48V 110V 220V 发光电压 Crust Material: Aluminum 外壳材质：铝 Actuator Color: Red/Green 按键颜色 Switch Rating: 3A 开关额定值 Connection mode: Pin terminal 接线方式 Protection Grade: IP66 IK08 防护等级	60±0.3 · 22.5 · Φ35 · M22x1 · 6.5 · 6.7 · 13.8

Light Effect 头部发光效果图

SUPER SHORT T SERIES SWITCH

超短款 T 系列按钮

特点

- 12/16/19/22/25/30mm安装孔径可选
- 超短结构
- 双色/三色发光可选，电压可随意选择
- 按钮边缘可加宽定制

Features

- 12/16/19/22/25/30mm Mounting diameter option
- Super short body
- Bi-color, tri-color Led optional, optional voltage
- Support for edge widening customization

RoHS ISO9001 CE CCC IP67 IP68 IK10 ISO9001

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CUSTOMIZED LOGO

定制 LOGO

特点

■ 支持各种中英文字符，图案定制，
■ 定制符号发光或不发光可选
■ 连接器线长和线径均可定制。

Features

■ Customize symbols with Chinese,English, logo
■ Non-illuminated or illuminated symbol optional
■ Switch harness cable customize optional

RoHS ⓘ CE CCC IP67 IP68 IK10 ISO9001

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BUZZER

蜂鸣器

特点

- 16mm,19mm, 22mm可选
- 无灯或带灯可选

Features

- 16mm,19mm, 22mm optional
- Non-illuminated or Illuminated

RoHS 🅘 CE 🅒 IP67 IP68 IK10 ISO9001

KEY SWITCH/ROTARY SWITCH

钥匙、旋钮开关

特点

- 16mm/19mm/22mm/30mm可选
- 自锁和复位功能可选
- 带款可选
- 二档或三档可选
- 连接器可配

Features

- 16mm,19mm, 22mm, 30mm optional
- Latching or momentary optional
- Illuminated available
- 1NO1NC or 2NO2NC optional
- Switch harness available

RoHS CE CCC IP67 IP68 IK10 ISO9001

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Harness description 连接器型号说明

For example: IB16E-D1/150/5 is IB16E series single lamp switch harness,150mm long cable with 5mm strip.

例：IB16E-D1/150/5是指IB16E系列单灯开关连接器，总线长150mm，剥线长5mm

IB ○			□ —	★	●	◆	■
Aibeiken Code 埃贝肯代号	Mounting hole size 安装孔尺寸 (mm)	Series 系列		X Function 功能	L (Cable length 线长 (mm)	L1 Strip length 剥线长度 (mm)	N Cable Qtys 电线数量
IB	12: 12mm 16: 16mm 19: 19mm 22: 22mm 25: 25mm	A B C D E		D1-Single lamp switch, 1NO1NC D1- 单色灯单路开关			5
				D2-Single lamp switch, 2NO2NC D2- 单色灯双路开关			8
				S1-Bi-color lamp switch, 1NO1NC S1- 双色灯单路开关			6
				S2-Tri-color lamp switch, 1NO1NC S2- 三色灯单路开关			7
				W1-No lamp switch, 1NO1NC W1- 无灯单路开关			3
				W2-No lamp switch, 2NO2NC W2- 无灯双路开关	150	5	6
				Z1-Single color Indicator lamp Z1- 单色灯指示灯			2
				Z2-Bi-color Indicator lamp Z2- 双色指示灯			3
				Z3-Tri-color Indicator lamp Z3- 三色指示灯			4
				CJ-1-Plastic Socket CJ-1- 塑料座			0
				CJ-2-Terminal CJ-2- 端子			0

Note: Cable customization is available.

注：支持配线定制。

Push button switch harness 按钮配套连接器

12/16/19/22/25mm Series

AIBEIKEN

Switch Harness 按钮连接器