

LAS1-AGQ 系列金属按钮
series metal push button

Φ16~22「全面型」抗破坏防水按钮开关
Φ16~22 "comprehensive" anti-vandal waterproof push button switch

- 产品全面: 涵盖按钮开关、急停钮、钥匙钮、旋钮
Product: Push button switch, emergency stop button, key switch, select switch
- 配置丰富: 配置请参考详情, 同时支持高端定制方案
Rich configuration, while supporting high-end customized solutions
- 稳定耐用: 抗破坏, 防水防尘, 耐振动
Vibration-resistant, waterproof and dustproof, and vandal-resistant
- 安心无忧: 产品安全认证齐全, 历经市场考验
Complete certification, products have undergone market testing



性能特征 Performance characteristic

工作环境温度 Operating temperature	-25℃~+55℃(无冰冻)开关本体周围必须空气流通 -25℃~+55℃(No freezing), keep the air flowing around	工作环境湿度 Operating humidity	45~85% RH(无结露) 45~85% RH(Non condensing)
初始接触电阻 Initial contact resistance	≤50mΩ	绝缘电阻 Insulation resistance	≥100MΩ (500VDC)
工频耐压 Power frequency withstand voltage	1500V(AC 50Hz), 1min	耐振动性 Vibration resistance	5~50Hz, 振幅1.2mm 5~50Hz, Amplitude 1.2mm
耐焊锡热 Resistant to soldering heat	320℃, 3s	开关额定值 Switch rating	参考认证参数, 其他参数请咨询我们提供 Refer to CCC, please consult us for other parameters
机械寿命 Mechanical life	自复钮≥100万次, 自锁钮≥50万次, 其他≥20万次 Momentary≥1000000 cycles, Latching≥500000 cycles, Other≥200000 cycles	电气寿命 Electrical life	5万次以上 ≥50000 cycles
基座材料 Base material	PBT	尾部配置 Terminal type	接线插片(2.8×0.5mm) Pin terminal(2.8×0.5mm)
螺母扭矩 Torque	0.6~1N·m(金属); 0.6N·m(塑料) 0.6~1N·m(Metal), 0.6N·m(Plastics)	操作压力 Operating force	按钮: 约1.7N(1NO1NC), 约3N(2NO2NC) Button: About 1.7N(1NO1NC), About 3N(2NO2NC)
操作行程 Operating travel	按钮: 约3.1mm Button: About 3.1mm	面板前端防护等级 Front panel protection degree	参考防护等级分列表 Reference protection level classification list

开关CCC认证参数 CCC certification parameters

额定绝缘电压 Ui Rated insulation voltage Ui			250V
约定自由空气发热电流 Ith Conventional free air heating current Ith			5A
额定冲击耐受电压 Uimp Rated impulse withstand voltage Uimp			1.5kV/2.5kV(LAS1-AGQ22)
额定电压 Ue Rated voltage Ue			250V
电 流 Current	AC 50/60Hz	AC-15电磁铁负载 AC-15 Solenoid Load	0.5A
	直流 DC	DC-13电磁铁负载 DC-13 Solenoid Load	0.1A
触点材料 Contact material			银合金 Silver Alloy

灯珠规格 Lamp specifications

LED寿命 LED Life	电流 Current	允许电压波动范围 Voltage fluctuation range	电路图 Circuit diagram
≥40000h	<20mA	DC: ±10% AC: ±20%	

注: 1.灯珠与开关相对独立; 2.灯珠接线无正负极区分。
Note: 1.The lamp beads and switches are relatively independent;
2.No positive or negative polarity distinction in wiring.

开关结构 Switch structure

型式 Type	示意图 Schematic diagram	符号 Symbol
C		

引脚说明 Pin description

图例 Legend	说明 Describe
	最多可配置两组开关; C1、NO1、NC1和C2、NO2、NC2 分别为一组开关; C为公共脚, NO为常开脚, NC为常闭脚。 Two sets of switches can be configured; C1, NO1, NC1 and C2, NO2, NC2 Each is a set of switches; C is the common terminal, NO is the normally open terminal, NC is the normally closed terminal.

LAS1-AGQ系列 型号说明 LAS1-AGQ series model description

LAS1-AGQ☆★-□■◇/◆●/△/▲/◎/※

对应符号 Symbol	符号名称 Symbol name	具体说明 Specify
☆	安装孔径 Panel cutout dimension	16: Φ 16mm / 22: Φ 22mm / 30: Φ 30mm / 无数字表示 Φ 19mm 16: Φ 16mm / 22: Φ 22mm / 30: Φ 30mm / No numeral means Φ 19mm
★	头部形状 Head shape	H:高平圆形 / 无字母代表平圆形 H: High round / No letter means flat round
□	开关组合 Contact structure	11: 1NO1NC / 22: 2NO2NC / 无数字表示指示灯 11: 1NO1NC / 22: 2NO2NC / No letter means Indicator
■	操作类型 Operation type	Z:自锁按钮 / X:选择钮 / Y:钥匙钮 / TS:急停钮 / TSB:B型急停钮 / TSC:C型急停钮 TSD:D型急停钮 / 无字母代表自复按钮 Z: Latching / X: Selector switch / Y: Key switch / TS: Emergency stop button / TSB: Type B Emergency stop button / TSC: Type C Emergency stop button / TSD: Type D Emergency stop button / No letter means Momentary
◇	带灯类型 Lamp type	D: 点 / E: 环形 / DT: 电源符号 / ET: 环形+电源符号 / 无字母代表不带灯 D: Dot / E: Ring / DT: Power symbol / ET: Ring+Power symbol / No letter means without light
◆	选择钮及钥匙钮操作位置 Key/Selector switch operation position	2:二位置 / 3:三位置 2: two-position / 3:three-position
●	选择钮及钥匙钮动作类型 Key/Selector switch action type	1:保持式 1: Maintain
△	颜色 Color	R:红 / G:绿 / Y:黄 / B:蓝 / W:白色 R: Red / G: Green / Y: Yellow / B: Blue / W: White
▲	带灯电压 Lamp voltage	6V / 12V / 24V / 110V / 220V, 其他电压等级可定做 6V / 12V / 24V / 110V / 220V, other voltage levels can be customized
◎	壳体材料 Crust material	S:不锈钢 / A:铝合金镀黑 / N:黄铜镀镍(仅LAS1-AGQ16可选) S: Stainless steel / A: Al alloy (Black) / N: Nickel plated brass (16mm)
※	防护等级 Protection degree	详情见防护等级分列表 Reference protection level classification list

注：请仔细阅读产品说明，选取相应代号。
Note: Please read the catalog carefully, and choose the right part-number according to the sign.

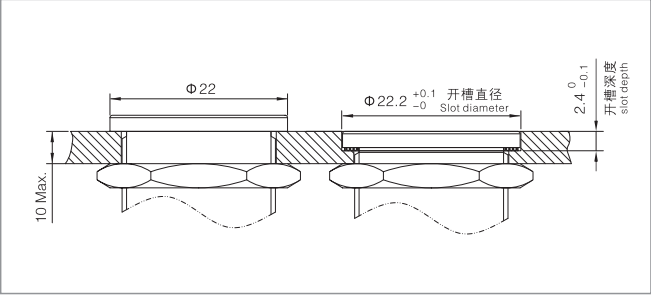
防护等级分列表 Protection level classification list

	按钮 Push button	急停钮 Emergency stop button	选择钮 Selector switch	钥匙钮 Key switch
LAS1-AGQ16	P:IP65 / FP:IP67, IK09	P:IP65, IK02	IP40, IK02	IP40, IK02
LAS1-AGQ	无字母代表IP65 / FP:IP67, IK09 No letter means IP65 / FP:IP67, IK09	无字母代表IP65, IK02 No letter means IP65 / IK02	无字母代表IP65, IK02 No letter means IP65 / IK02	无字母代表IP65, IK02 No letter means IP65 / IK02
LAS1-AGQ22	无字母代表IP65 / FP:IP67, IK09 No letter means IP65 / FP:IP67, IK09	无字母代表IP65, IK02 No letter means IP65 / IK02	无字母代表IP65, IK02 No letter means IP65 / IK02	无字母代表IP65, IK02 No letter means IP65 / IK02
LAS1-AGQ30	无字母代表IP40 No letter means IP40	/	/	无字母代表IP40, IK02 No letter means IP40 / IK02

超平定制头部展示 Ultra flat head customized display



超平头部安装展示 Ultra flat head installation display





开关组合□
Contact structure

操作类型■
Operation mode

外壳材料○
Crust material

防护等级※
Protection degree

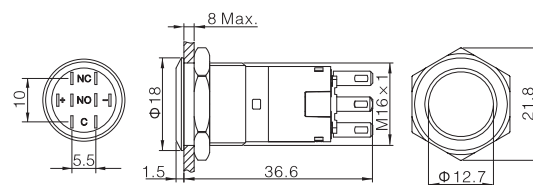
适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching
S: 不锈钢 / N: 黄铜镀镍 / A: 铝合金镀黑
S: Stainless steel / N: Nickel plated brass / A: Al alloy (Black)

无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

M12-16F / S04 / S05



开关组合□
Contact structure

操作类型■
Operation mode

外壳材料○
Crust material

防护等级※
Protection degree

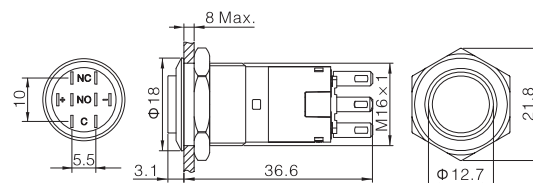
适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching
S: 不锈钢 / N: 黄铜镀镍 / A: 铝合金镀黑
S: Stainless steel / N: Nickel plated brass / A: Al alloy (Black)

无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

M12-16H / S04 / S05



开关组合□
Contact structure

操作类型■
Operation mode

带灯颜色△
Lamp color

带灯电压▲
Lamp voltage

外壳材料○
Crust material

防护等级※
Protection degree

适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching

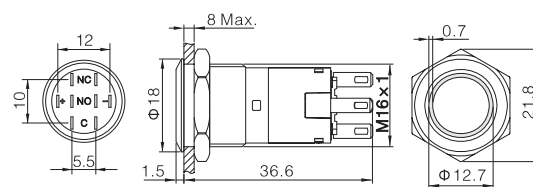
R G Y B W

6V / 12V / 24V / 110V / 220V

S: 不锈钢 / N: 黄铜镀镍 / A: 铝合金镀黑
S: Stainless steel / N: Nickel plated brass / A: Al alloy (Black)

无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

M12-16F / S04 / S05



开关组合□
Contact structure

操作类型■
Operation mode

带灯颜色△
Lamp color

带灯电压▲
Lamp voltage

外壳材料○
Crust material

防护等级※
Protection degree

适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching

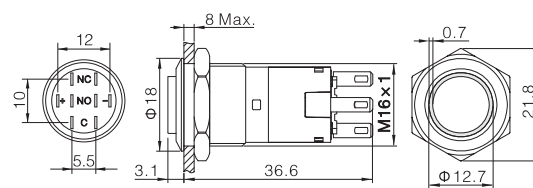
R G Y B W

6V / 12V / 24V / 110V / 220V

S: 不锈钢 / N: 黄铜镀镍 / A: 铝合金镀黑
S: Stainless steel / N: Nickel plated brass / A: Al alloy (Black)

无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

M12-16H / S04 / S05



开关组合□
Contact structure

操作类型■
Operation mode

带灯颜色△
Lamp color

带灯电压▲
Lamp voltage

外壳材料○
Crust material

防护等级※
Protection degree

适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching

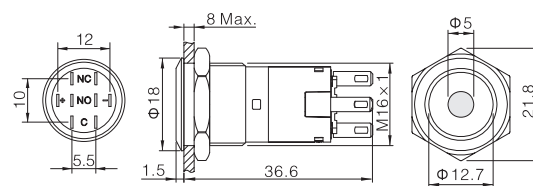
R G Y B W

6V / 12V / 24V / 110V / 220V

S: 不锈钢 / N: 黄铜镀镍
S: Stainless steel / N: Nickel plated brass

无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

M12-16F / S04 / S05



开关组合□
Contact structure

操作类型■
Operation mode

带灯颜色△
Lamp color

带灯电压▲
Lamp voltage

外壳材料○
Crust material

防护等级※
Protection degree

适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching

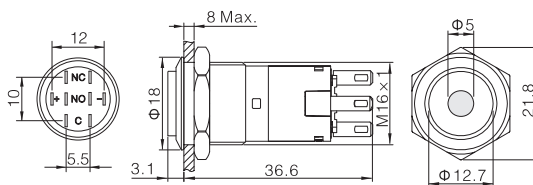
R G Y B W

6V / 12V / 24V / 110V / 220V

S: 不锈钢 / N: 黄铜镀镍
S: Stainless steel / N: Nickel plated brass

无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

M12-16H / S04 / S05





开关组合□
Contact structure
操作类型■
Operation mode
带灯颜色△
Lamp color
带灯电压▲
Lamp voltage
外壳材料◎
Crust material
防护等级※
Protection degree

11: 1NO1NC / 22: 2NO2NC
无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching

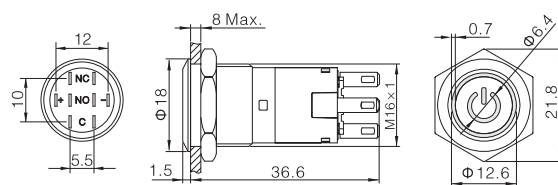
R G Y B W

6V / 12V / 24V / 110V / 220V

S: 不锈钢 / N: 黄铜镀镍
S: Stainless steel / N: Nickel plated brass
无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

适用附件
Appendix

M12-16F / S04 / S05



开关组合□
Contact structure
操作位置◆◆
Operation position
带灯颜色△
Lamp color
带灯电压▲
Lamp voltage
外壳材料
Crust material
防护等级
Protection degree

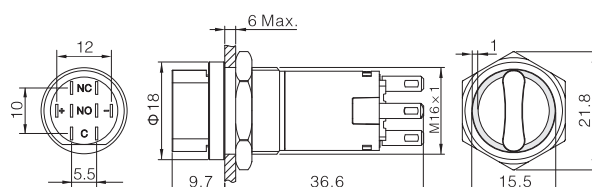
11: 1NO1NC / 22: 2NO2NC

L R L C R
21 31
R G Y B W
6V / 12V / 24V / 110V / 220V

不锈钢
Stainless steel
IP40, IK02

适用附件
Appendix

S04 / S05



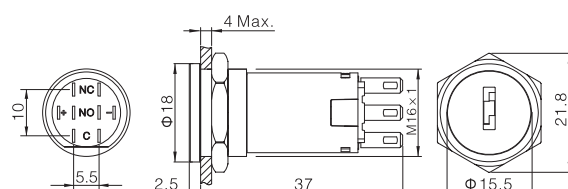
开关组合□
Contact structure
操作位置◆◆
Operation position
外壳材料
Crust material
防护等级
Protection degree

11: 1NO1NC / 22: 2NO2NC

L R L C R
21 31
不锈钢
Stainless steel
IP40, IK02

适用附件
Appendix

S04 / S05



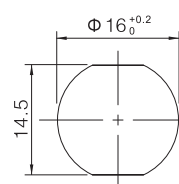
旋钮、钥匙钮 工作位置触头状态 Knob and key knob working position contact status	开关类型 Switch Type 动作位置 Operating Position	90° 2 位置 90° 2 positions		45° 3 位置 45° 3 positions	
		1NO1NC	2NO2NC	2NO2NC	

注意
事项

- 钥匙钮标配2把钥匙。
- 旋钮、钥匙钮使用时须旋转到位。
- 旋钮、钥匙钮使用过程中容易出现产品转动的现象，建议用户参考右图开槽。

- Keybutton comes with 2 keys.
- When using knobs and key knobs, they must be rotated to the correct position.
- During the use of knobs and key knobs, it is easy for the product to rotate. It is recommended that users refer to the figure on the right for slotting.

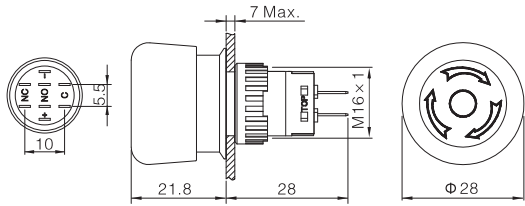
开槽尺寸
Slot size





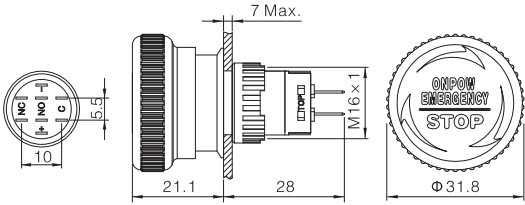
LAS1-AGQ16-□TSB

开关组合□
Contact structure 11: 1NO1NC / 22: 2NO2NC
外壳材料
Crust material 铝合金
Al alloy
防护等级
Protection degree IP65
适用附件
Appendix S04 / S05 / T34-16



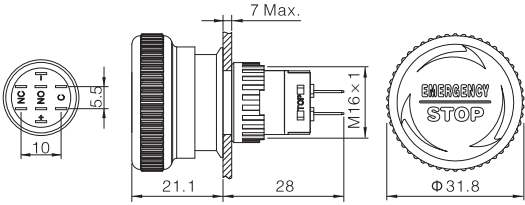
LAS1-AGQ16-□TSC

开关组合□
Contact structure 11: 1NO1NC / 22: 2NO2NC
外壳材料
Crust material 铝合金
Al alloy
防护等级
Protection degree IP65
适用附件
Appendix S04 / S05 / T34-16



LAS1-AGQ16-□TSD

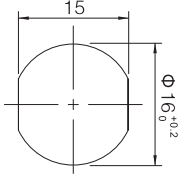
开关组合□
Contact structure 11: 1NO1NC / 22: 2NO2NC
外壳材料
Crust material 铝合金
Al alloy
防护等级
Protection degree IP65
适用附件
Appendix S04 / S05 / T34-16



注意
Note

- 在安装面板拧紧固定螺母时切不可借助红色头部来固定，否则会损坏产品头部结构。
- 急停按钮使用过程中容易出现产品转动的现象，建议用户参考右图开槽。
- 如有需要，用户可选择是否加固产品头部，具体请咨询销售人员。
- When installing the panel and tightening the fixing nut, do not use the red head to fix it, otherwise it will damage the product's head structure.
- During the use of the emergency stop button, it is easy for the product to rotate. It is recommended that users refer to the slot on the right.
- If necessary, users can choose whether to reinforce the product head. Please consult the sales staff for details.

开槽尺寸
Slot size



S04



S05



M37



M01



开关组合□
Contact structure

操作类型■
Operation mode

外壳材料○
Crust material

防护等级※
Protection degree

适用附件
Appendix

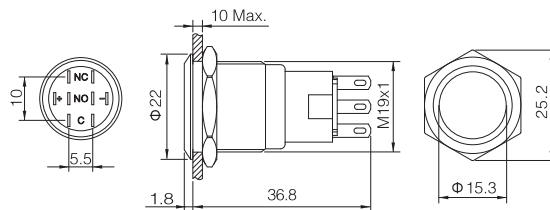
11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching

S: 不锈钢 / A: 铝合金镀黑
S: Stainless steel / A: Al alloy (Black)

无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

M12-19F / S04 / S05 / T21-19



开关组合□
Contact structure

操作类型■
Operation mode

带灯颜色△
Lamp color

带灯电压▲
Lamp voltage

外壳材料○
Crust material

防护等级※
Protection degree

适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching

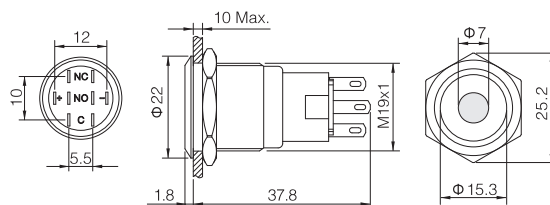
R G Y B W

6V / 12V / 24V / 110V / 220V

S: 不锈钢 / A: 铝合金镀黑
S: Stainless steel / A: Al alloy (Black)

无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

M12-19F / S04 / S05 / T21-19



开关组合□
Contact structure

操作类型■
Operation mode

带灯颜色△
Lamp color

带灯电压▲
Lamp voltage

外壳材料○
Crust material

防护等级※
Protection degree

适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching

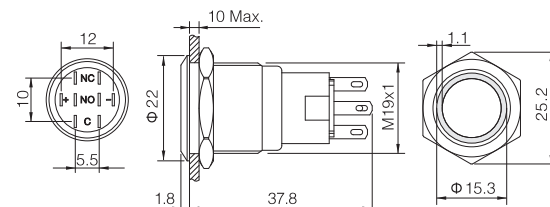
R G Y B W

6V / 12V / 24V / 110V / 220V

S: 不锈钢 / A: 铝合金镀黑
S: Stainless steel / A: Al alloy (Black)

无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

M12-19F / S04 / S05 / T21-19



开关组合□
Contact structure

操作类型■
Operation mode

带灯颜色△
Lamp color

带灯电压▲
Lamp voltage

外壳材料
Crust material

防护等级※
Protection degree

适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching

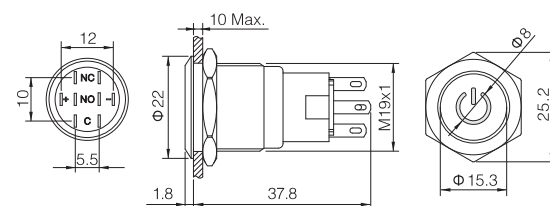
R G Y B W

6V / 12V / 24V / 110V / 220V

不锈钢
Stainless steel

无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

M12-19F / S04 / S05 / T21-19



开关组合□
Contact structure

操作类型■
Operation mode

带灯颜色△
Lamp color

带灯电压▲
Lamp voltage

外壳材料
Crust material

防护等级※
Protection degree

适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching

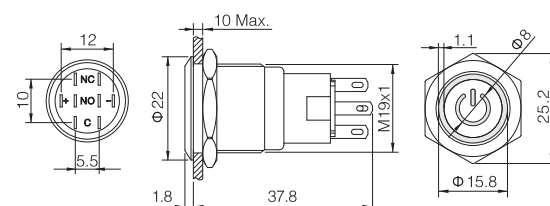
R G Y B W

6V / 12V / 24V / 110V / 220V

不锈钢
Stainless steel

无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67

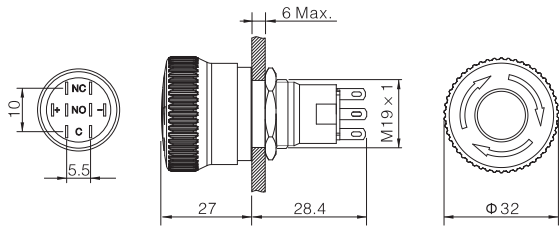
M12-19F / S04 / S05 / T21-19





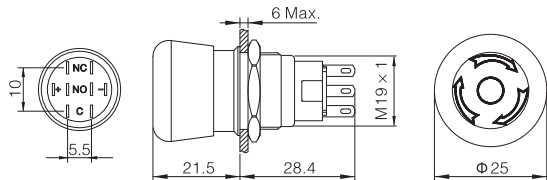
LAS1-AGQ-□TS

开关组合□
Contact structure 11: 1NO1NC / 22: 2NO2NC
外壳材料
Crust material 铝合金
Al alloy
防护等级
Protection degree IP65, IK02
适用附件
Appendix S04 / S05



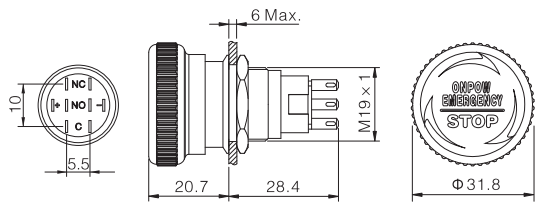
LAS1-AGQ-□TSB

开关组合□
Contact structure 11: 1NO1NC / 22: 2NO2NC
外壳材料
Crust material 铝合金
Al alloy
防护等级
Protection degree IP65, IK02
适用附件
Appendix S04 / S05 / T34-19



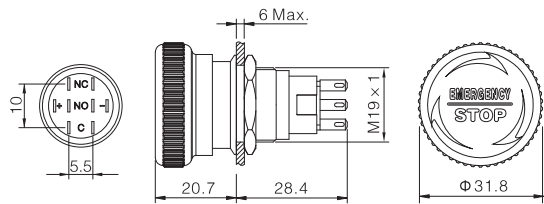
LAS1-AGQ-□TSC

开关组合□
Contact structure 11: 1NO1NC / 22: 2NO2NC
外壳材料
Crust material 铝合金
Al alloy
防护等级
Protection degree IP65, IK02
适用附件
Appendix S04 / S05



LAS1-AGQ-□TSD

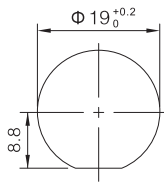
开关组合□
Contact structure 11: 1NO1NC / 22: 2NO2NC
外壳材料
Crust material 铝合金
Al alloy
防护等级
Protection degree IP65, IK02
适用附件
Appendix S04 / S05



注意
事项

- 在安装面板拧紧固定螺母时切不可借助红色头部来固定，否则会损坏产品头部结构。
- 急停按钮使用过程中容易出现产品转动的现象，建议用户参考右图开槽。
- 如有需要，用户可选择是否加固产品头部，具体请咨询销售人员。
- When installing the panel and tightening the fixing nut, do not use the red head to fix it, otherwise it will damage the product's head structure.
- During the use of the emergency stop button, it is easy for the product to rotate. It is recommended that users refer to the slot on the right.
- If necessary, users can choose whether to reinforce the product head. Please consult the sales staff for details.

开槽尺寸
Slot size



S04



S05



M37



T34-19

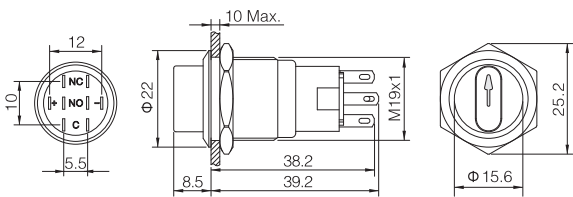


M02



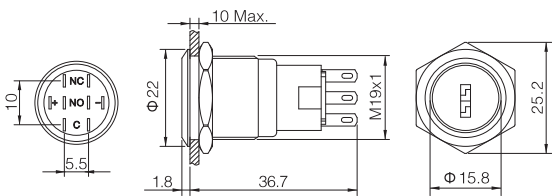
开关组合□
Contact structure
操作位置◆●
Operation position
带灯颜色△
Lamp color
带灯电压▲
Lamp voltage
外壳材料
Crust material
防护等级
Protection degree
适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC
L R L C R
21 31
R G Y B W
6V / 12V / 24V / 110V / 220V
不锈钢
Stainless steel
IP65, IK02
S04 / S05



开关组合□
Contact structure
操作位置◆●
Operation position
外壳材料
Crust material
防护等级※
Protection degree
适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC
L R L C R
21 31
无字母代表IP40 / P: IP65
No letter means IP40 / P: IP65
S04 / S05

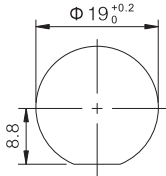


旋钮、钥匙钮 工作位置触头状态 Knob and key knob working position contact status	开关类型 Switch Type	90° 2 位置 90° 2 positions		45° 3 位置 45° 3 positions	
		1NO1NC	2NO2NC	2NO2NC	
	动作位置 Operating Position				

注意
事项

- 钥匙钮标配2把钥匙。
- 旋钮、钥匙钮使用时须旋转到位。
- 旋钮、钥匙钮使用过程中容易出现产品转动的现象，建议用户参考右图开槽。
- Keybutton comes with 2 keys.
- When using knobs and key knobs, they must be rotated to the correct position.
- During the use of knobs and key knobs, it is easy for the product to rotate. It is recommended that users refer to the figure on the right for slotting.

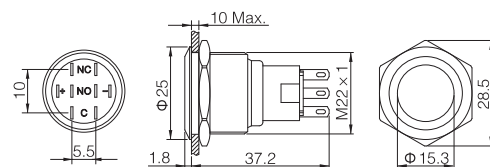
开槽尺寸
Slot size





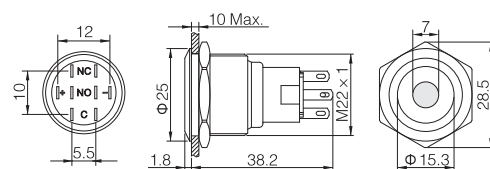
开关组合□
Contact structure
操作类型■
Operation mode
外壳材料
Crust material
防护等级※
Protection degree
适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC
无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching
不锈钢
Stainless steel
无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67
M12-22F / S04 / S05 / T21-22



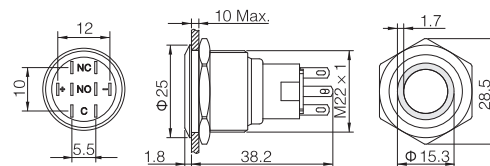
开关组合□
Contact structure
操作类型■
Operation mode
带灯颜色△
Lamp color
带灯电压▲
Lamp voltage
外壳材料
Crust material
防护等级※
Protection degree
适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC
无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching
R G Y B W
6V / 12V / 24V / 110V / 220V
不锈钢
Stainless steel
无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67
M12-22F / S04 / S05 / T21-22



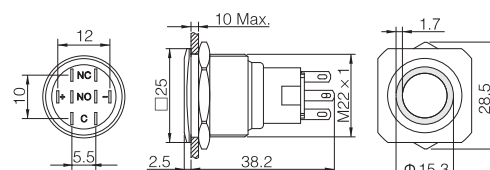
开关组合□
Contact structure
操作类型■
Operation mode
带灯颜色△
Lamp color
带灯电压▲
Lamp voltage
外壳材料
Crust material
防护等级※
Protection degree
适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC
无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching
R G Y B W
6V / 12V / 24V / 110V / 220V
不锈钢
Stainless steel
无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67
M12-22F / S04 / S05 / T21-22



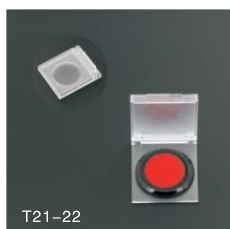
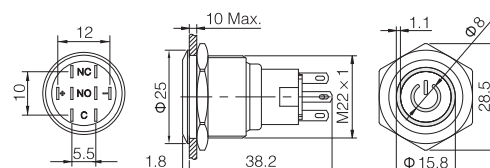
开关组合□
Contact structure
操作类型■
Operation mode
带灯颜色△
Lamp color
带灯电压▲
Lamp voltage
外壳材料
Crust material
防护等级※
Protection degree
适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC
无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching
R G Y B W
6V / 12V / 24V / 110V / 220V
不锈钢
Stainless steel
无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67
S04 / S05



开关组合□
Contact structure
操作类型■
Operation mode
带灯颜色△
Lamp color
带灯电压▲
Lamp voltage
外壳材料
Crust material
防护等级※
Protection degree
适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC
无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching
R G Y B W
6V / 12V / 24V / 110V / 220V
不锈钢
Stainless steel
无字母代表IP65 / FP: IP67
No letter means IP65 / FP: IP67
M12-22F / S04 / S05 / T21-22



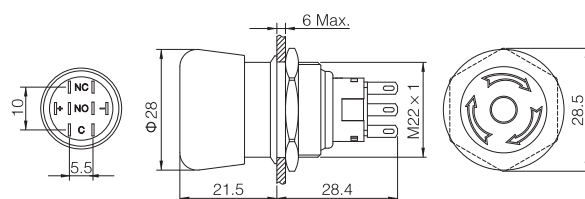


开关组合□
Contact structure 11: 1NO1NC / 22: 2NO2NC

外壳材料
Crust material 铝合金
Al alloy

防护等级
Protection degree IP65, IK02

适用附件
Appendix S04 / S05 / T16

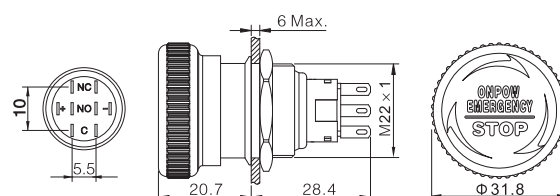


开关组合□
Contact structure 11: 1NO1NC / 22: 2NO2NC

外壳材料
Crust material 铝合金
Al alloy

防护等级
Protection degree IP65, IK02

适用附件
Appendix S04 / S05 / T16

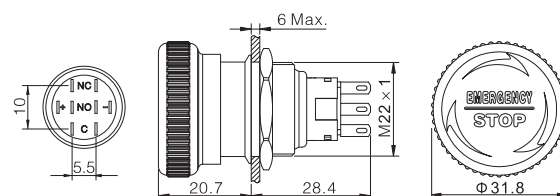


开关组合□
Contact structure 11: 1NO1NC / 22: 2NO2NC

外壳材料
Crust material 铝合金
Al alloy

防护等级
Protection degree IP65, IK02

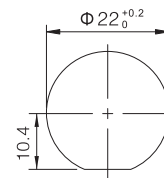
适用附件
Appendix S04 / S05 / T16



注意 事项

- 在安装面板拧紧固定螺母时切不可借助红色头部来固定，否则会损坏产品头部结构。
- 急停按钮使用过程中容易出现产品转动的现象，建议用户参考右图开槽。
- 如有需要，用户可选择是否加固产品头部，具体请咨询销售人员。
- When installing the panel and tightening the fixing nut, do not use the red head to fix it, otherwise it will damage the product's head structure.
- During the use of the emergency stop button, it is easy for the product to rotate. It is recommended that users refer to the slot on the right.
- If necessary, users can choose whether to reinforce the product head. Please consult the sales staff for details.

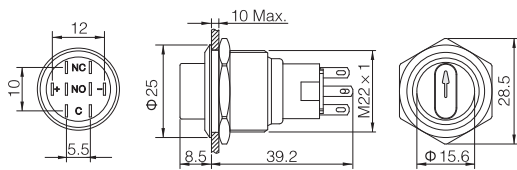
开槽尺寸 Slot size





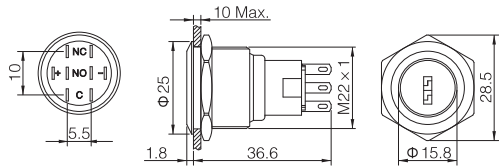
开关组合□
Contact structure
操作位置◆●
Operation position
带灯颜色△
Lamp color
带灯电压▲
Lamp voltage
外壳材料
Crust material
防护等级
Protection degree
适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC
L R L C R
21 31
R G Y B W
6V / 12V / 24V / 110V / 220V
不锈钢
Stainless steel
IP65, IK02
S04 / S05



开关组合□
Contact structure
操作位置◆●
Operation position
外壳材料
Crust material
防护等级※
Protection degree
适用附件
Appendix

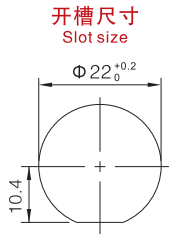
11: 1NO1NC / 22: 2NO2NC
L R L C R
21 31
R G Y B W
6V / 12V / 24V / 110V / 220V
不锈钢
Stainless steel
无字母代表IP40 / P: IP65
No letter means IP40 / P: IP65
S04 / S05



旋钮、钥匙钮 工作位置触头状态 Knob and key knob working position contact status	开关类型 Switch Type	90° 2 位置 90° 2 positions		45° 3 位置 45° 3 positions	
		1NO1NC	2NO2NC	2NO2NC	
	动作位置 Operating Position				

注意
事项
Note

- 钥匙钮标配2把钥匙。
- 旋钮、钥匙钮使用时须旋转到位。
- 旋钮、钥匙钮使用过程中容易出现产品转动的现象，建议用户参考右图开槽。
- Keybutton comes with 2 keys.
- When using knobs and key knobs, they must be rotated to the correct position.
- During the use of knobs and key knobs, it is easy for the product to rotate. It is recommended that users refer to the figure on the right for slotting.





开关组合□
Contact structure
操作类型■
Operation mode
带灯颜色△
Lamp color

带灯电压▲
Lamp voltage
外壳材料
Crust material
防护等级※
Protection degree

适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

无字母代表自复按钮 / Z: 自锁按钮
No letter means Momentary / Z: Latching

R G Y B W

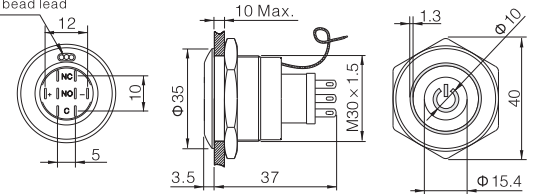
△△表示环形灯颜色, △表示符号颜色
△△ represents the color of the circular light,
△ represents the color of the symbol

6V / 12V / 24V

不锈钢
Stainless steel
IP04, IK03

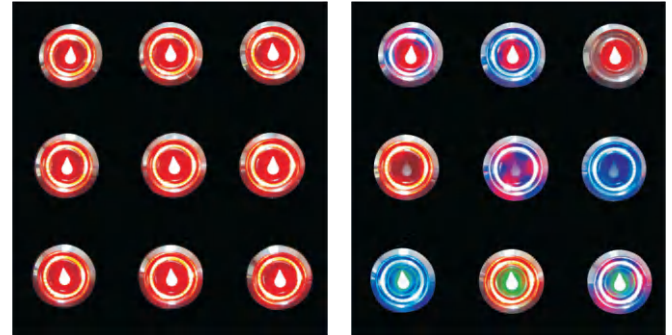
S04 / S05

灯珠引线
Lamp bead lead



常用九种发光效果展示

Nine commonly used luminous effects display



开关切换前效果
Effect before switching the switch

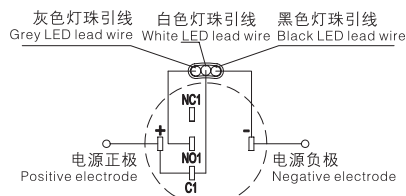
开关切换后效果
Effect after switching the switch

接线方法如下 ↓

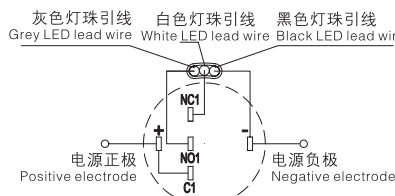
The wiring method is as follows ↓

常用发光效果展示中的接线方法 (顺序如左图从左到右, 从上到下):

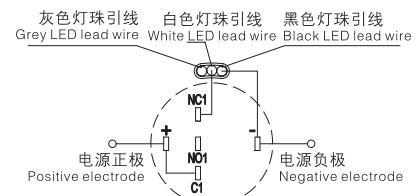
The wiring methods commonly used in the display of luminous effects (in the order shown in the left figure from left to right, top to bottom):



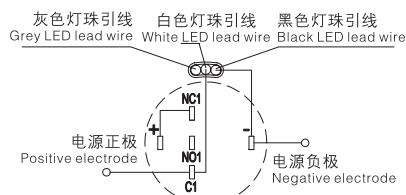
1. 内(红)环(红) → 内(红)环(双色)



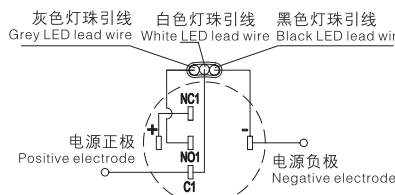
2. 内(红)环(红) → 内(红)环(蓝)



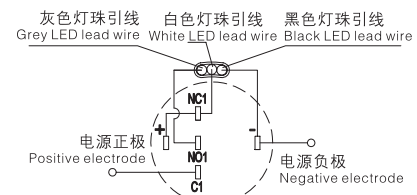
3. 内(红)环(红) → 内(红)环(不亮)



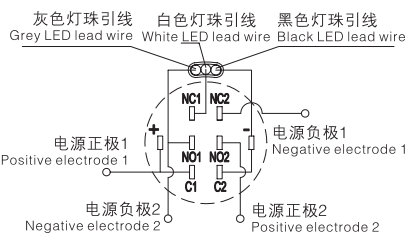
4. 内(红)环(红) → 内(不亮)环(红)



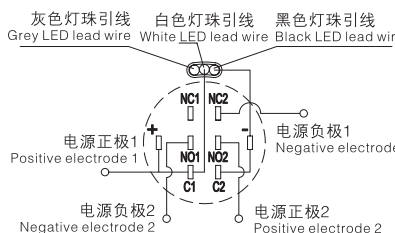
5. 内(红)环(红) → 内(不亮)环(双色)



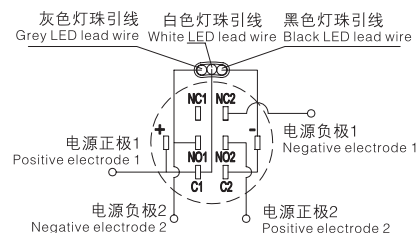
6. 内(红)环(红) → 内(不亮)环(蓝色)



7. 内(红)环(红) → 内(蓝)环(蓝)



8. 内(红)环(红) → 内(蓝)环(红)



9. 内(红)环(红) → 内(蓝色)环(双色)

注: 7 8 9 三种状态图案部分双色灯切换需要提供两个直流电源。

Note: Two DC power supplies are required for switching between the dual color lights in the 7, 8, and 9 status patterns.

Φ 30mm产品图样 Product drawings

规格参数 Specification parameters

外形尺寸 External dimensions



开关组合□
Contact structure

操作位置◆●
Operation position

带灯颜色△
Lamp color

带灯电压▲
Lamp voltage

外壳材料
Crust material

防护等级
Protection degree

适用附件
Appendix

11: 1NO1NC / 22: 2NO2NC

L R L C R

21 31

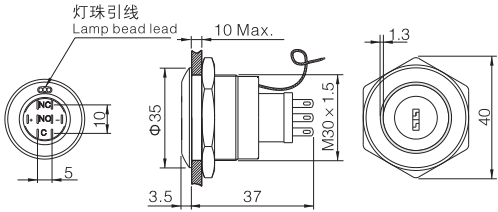
R G Y B W

6V / 12V / 24V

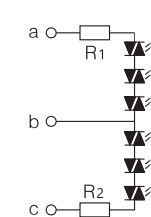
不锈钢
Stainless steel

IP40, IK03

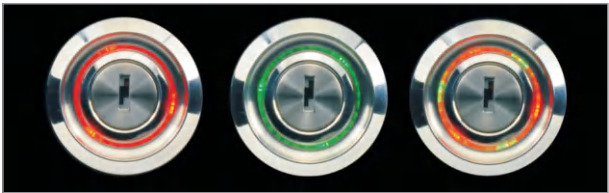
S04 / S05



内置发光装置说明
Description of built-in lighting device



- 内置保护电阻，不需外接。
- 可内置多种颜色的发光芯片。
- 可达到多种颜色交错同时点亮的指示形式，美观独特。
- 可通过钥匙开关的多种触头分合状态直接或间接的控制达到多种信号指示。
- Built in protective resistor, no external connection required.
- Multiple colored light-emitting chips can be built-in.
- It can achieve the indication form of multiple colors interlaced and illuminated at the same time, which is beautiful and unique.
- Multiple signal indications can be directly or indirectly controlled through the various contact opening and closing states of the key switch.



旋钮、钥匙钮 工作位置触头状态 Knob and key knob working position contact status	开关类型 Switch Type	90° 2 位置 90° 2 positions		45° 3 位置 45° 3 positions	
		1NO1NC	2NO2NC	2NO2NC	
	动作位置 Operating Position				

