

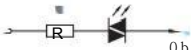
Metal Push Button Switch

- Mounting hole diameter:φ16(NL-16),φ19(NL19),φ22(NL22),φ25mm(NL25).
- Switch characteristics:fast-acting/single knife double-throw.
- Product features:The series is a three-color light structure,configuration options are abundant
- Protection grade:IP65/IK10.

The whole series of synchronous quick-connect sockets with buckle bit more solid

Symbol	Symbol name	Specify
★	Mounting hole diameter	16:φ16mm /19:φ19mm /22:φ22mm/25:φ25mm
□	Contact Structure	11:1NO1NC/22:2NO2NC(For 22and 25mm only)/No letter means indicator
	Operation type	Z:Latching/M:Mushroom button/No letter means momentary
※	IP Degree	No letter means IP67 / IK10
△	Color	R:Red/G:Green/Y:Yellow/B:Blue/W:White
▲	Voltage	6V/12V/24V/110V/220V other voltage levels can be customized
◎	Housing Material	S:Stainless steel/A:Aluminium alloy(Black)

LED Specifications

LEDife	Current	Alowable valtage fuctuation range	Circuit diagram
≥40000 hours	≤24Vabout 15mA ≥110Vabout 2mA	DC:±10% AC:±20%	 a The product hasbut-o s008 0etneep050ea0a00g9me po8s

Performance Characteristic

Operating Temp	-25℃~+55℃ (Non freezing) Keep the switch air circulating well
Operating Humidity	45~85% RH(Non condensing)
Contact Resistance	≤50mΩ
Insulation Resistance	≥100MΩ(500VDC)
Max. withstanding voltage	1500VAC, 50Hz, 1min
Vibration resistance	50Hz, The amplitude is about 1.2mm
Solder heat resistance	320℃ 3s
Switch rating	2A/36VDC 1A/220V
Mechanical Life	1,000,000 cycles
Electrical Life	50, 000 cycles
Base material	PA
Nut torque	About 0. 6Nm
Torque	About 4N(1NO 1NC) About 7.5N(2NO 2NC)
Operation Travel	About 3mm
Protection class	IP67,IK10

颜色: **R** **G** **Y** **B** **W** **K**

金属按钮开关

按钮开关 Button switch Model: NL16-11P

尺寸 Size: ϕ 16mm

开关额定值 Switch rating: 3A/250VAC

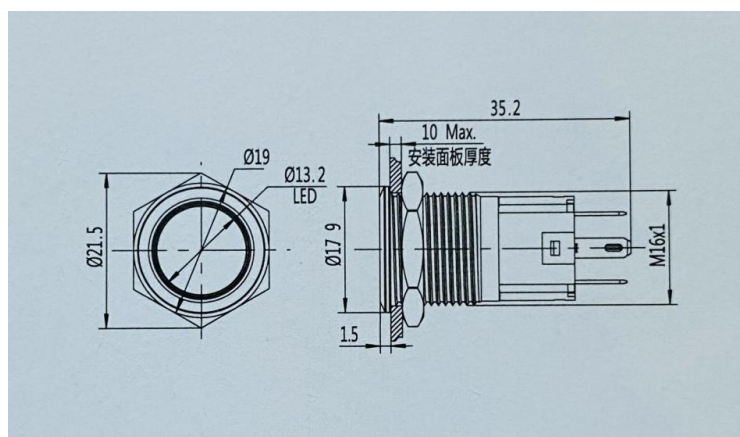
开关组合 Contact Structure: 1NO 1NC

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



带灯按钮 Lighted button Model: NL16-11EP

尺寸 Size: ϕ 16mm

Color: **R** **G** **Y** **B** **W**

开关额定值 Switch rating: 3A/250VAC

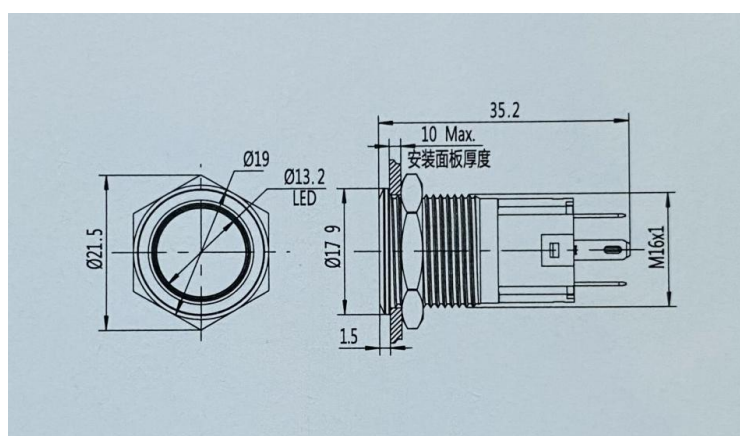
开关组合 Contact Structure: 1NO 1NC

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



带灯自锁按钮 Lighted self-lock button Model: NL16-11ZEP

尺寸 Size: ϕ 16mm

Color: **R** **G** **Y** **B** **W**

开关额定值 Switch rating: 3A/250VAC

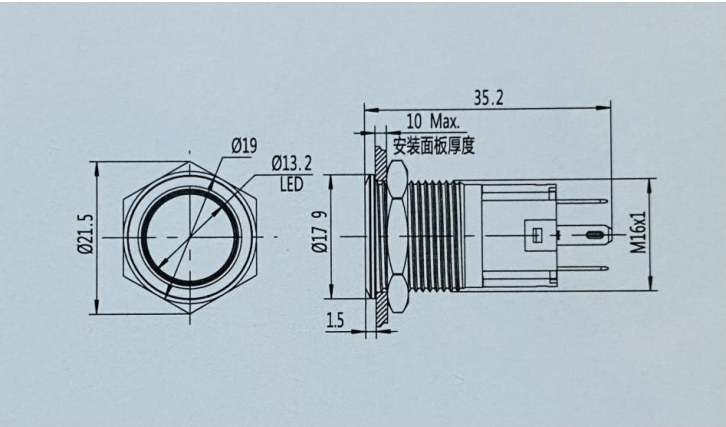
开关组合 Contact Structure: 1NO 1NC

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



旋钮开关 Knob switch Model: NL16-11X/2

尺寸 Size: $\varnothing 16\text{mm}$

颜色: RGBW

开关额定值 Switch rating: 3A/250VAC

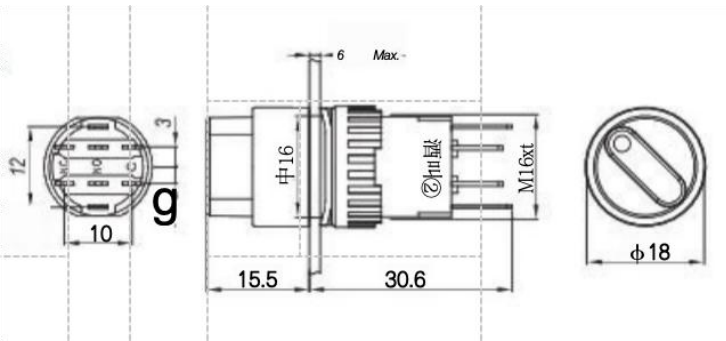
开关组合 Contact Structure: 1NO

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



紧急停止按钮 Emergency Stop Model: NL16-11ZS

尺寸 Size: $\varnothing 16\text{mm}$

颜色: R

开关额定值 Switch rating: 3A/250VAC

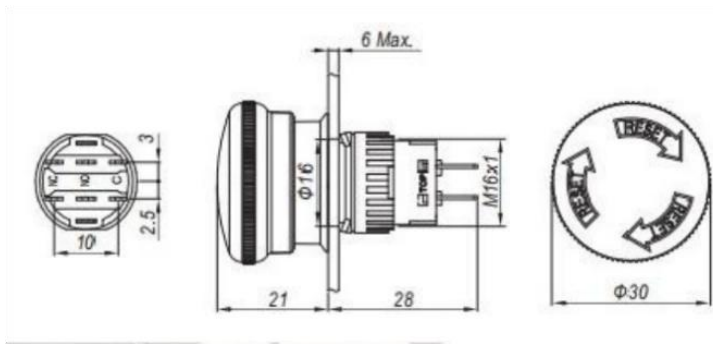
开关组合 Contact Structure: 1NO

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



按钮开关 Button switch Model: NL19-11P

尺寸 Size: ϕ 19mm

开关额定值 Switch rating: 3A/250VAC

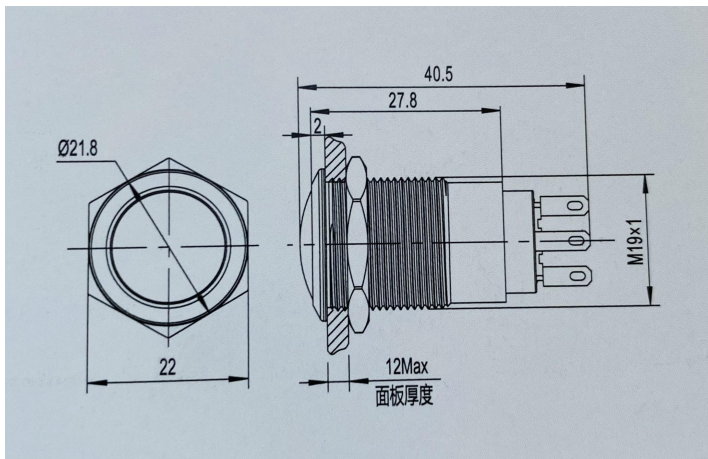
开关组合 Contact Structure: 1NO 1NC/2NO 2NC

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



带灯按钮 Llifhted button Model: NL19-11EP

尺寸 Size: ϕ 19mm

颜色: RGBYW

开关额定值 Switch rating: 3A/250VAC

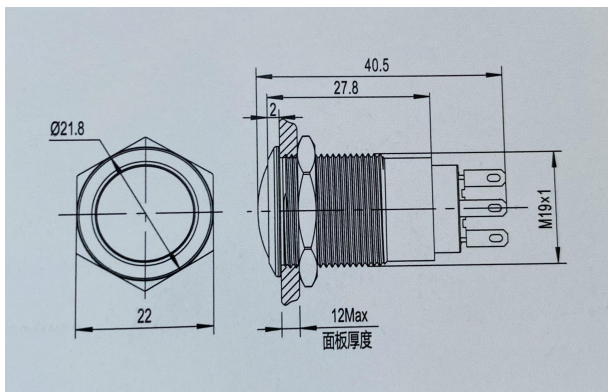
开关组合 Contact Structure: 1NO 1NC/2NO 2NC

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



带灯自锁按钮 Lighted self-lock button

Model: NL19-11ZEP

尺寸 Size: $\phi 19\text{mm}$

颜色: RGBYW

开关额定值 Switch rating: 3A/250VAC

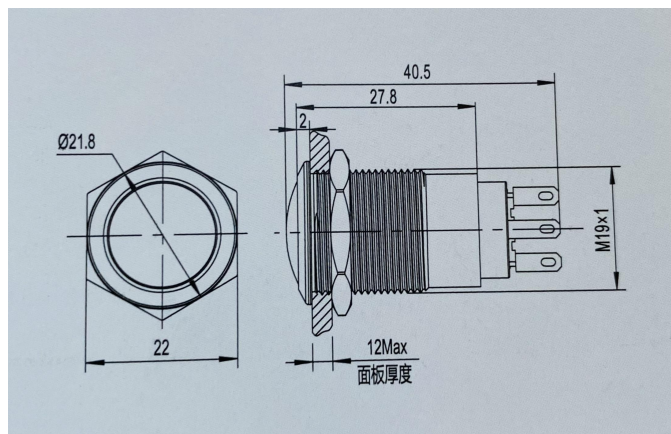
开关组合 Contact Structure: 1NO 1NC/2NO 2NC

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



旋钮开关 Knob switch

Model: NL19-11X/2

尺寸 Size: $\phi 19\text{mm}$

颜色: RGBYW

开关额定值 Switch rating: 3A/250VAC

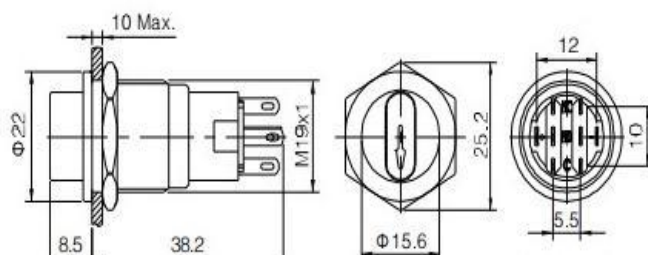
开关组合 Contact Structure: 1NO

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



带灯旋钮 Lighted knob

Model: NL19-11XD/2

二档 Two-position knob

尺寸 Size: $\phi 19\text{mm}$

颜色: RGBYW

开关额定值 Switch rating: 3A/250VAC

开关组合 Contact Structure: 1NO

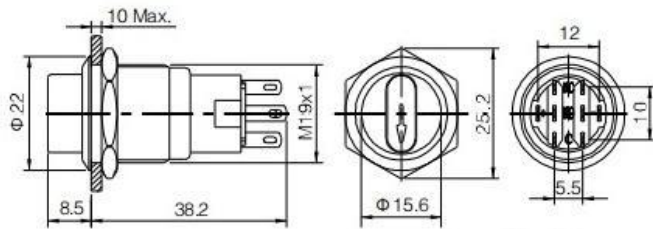
操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

电压规格: ACDC6V/12V/24V/36V/48V/110V/220V

Product Dimensions↓↓



紧急停止按钮 Emergency Stop Model: NL19-11ZS

尺寸 Size: $\phi 19\text{mm}$

颜色: **R**

开关额定值 Switch rating: 3A/250VAC

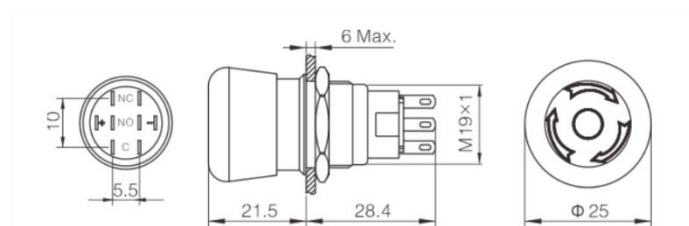
开关组合 Contact Structure: 1NO

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



按钮开关 Knob switch Model: NL22-11P

尺寸 Size: $\phi 22\text{mm}$

开关额定值 Switch rating: 3A/250VAC

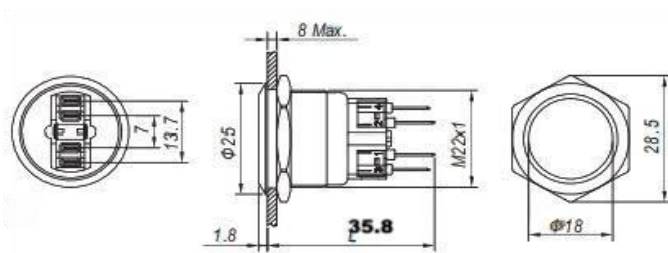
开关组合 Contact Structure: 1NO 1NC/2NO 2NC

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



带灯按钮 Lighted knob Model: NL22-11ZEP

尺寸 Size: $\phi 22\text{mm}$

颜色: **R G Y B W**

开关额定值 Switch rating: 3A/250VAC

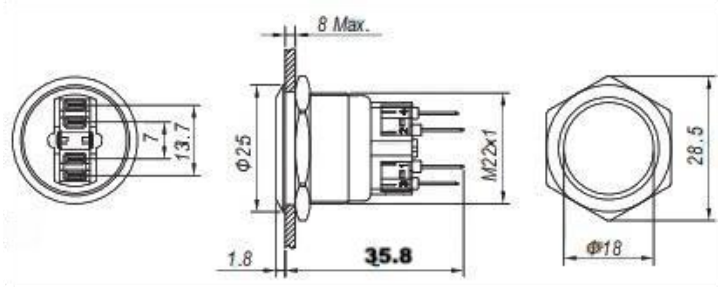
开关组合 Contact Structure: 1NO 1NC/2NO 2NC

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓



旋钮开关 Knob switch Model: NL22-11X/2 二档 Two-position knob

尺寸 Size: $\phi 22\text{mm}$

颜色: RGBYW

开关额定值 Switch rating: 3A/250VAC

开关组合 Contact Structure: 1NO

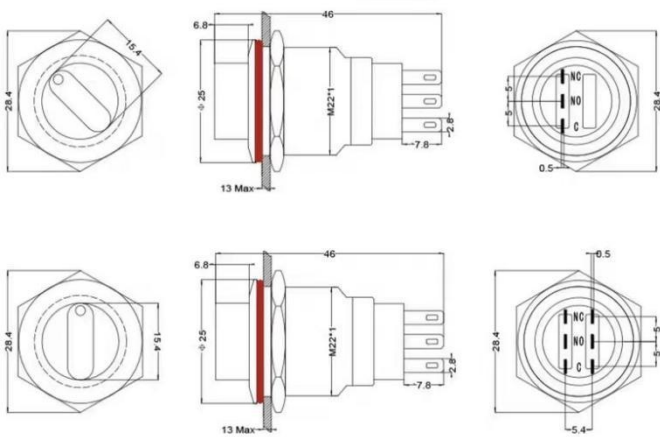
操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓

二档三档旋钮



紧急停止按钮 Emergency Stop 型号 Model: NL22-11ZS

尺寸 Size: $\phi 22\text{mm}$

颜色: R

开关额定值 Switch rating: 3A/250VAC

开关组合 Contact Structure: 1NO

操作类型 Operation type: Momentary/Latching

外壳材料 Housing Material: Stainless

防护等级 Protection class: IP67, IK10

Product Dimensions↓↓

