



永星 专注于按钮

YONGXING Specialized in Manufacturing Push Button Switch



上海永星电子开关有限公司成立于1985年,生产和销售机电开关、接插件等电器产品。现有产品分以下几大类:按钮开关、船型开关、旋钮开关、接线端子、微动开关、冰箱门开关、小型钮子开关、指示灯、电磁阀、蜂鸣器等,并有超过4000种衍生产品。公司产品广泛应用于电子、电器仪表、通信、音视频、家用电器和医疗器械设备等各领域。公司已通过ISO9001质量体系认证。许多产品已通过CQC、CE, ENEC, UL等国内外权威认证机构的质量认证。我们的质量方针是:“以科技求进步,以质量创品牌”。我们成功的过去,你们已看到,你们还希望的,我们正在努力。让我们携手并肩,精诚合作,共创辉煌的明天。

Shanghai Yongxing Electronic Switch CO., Ltd, founded in 1985, produce and sell electrical products such as electromechanical switches and connectors. The productions of the company are categorized into the following major classes: push button switch, rocker switch, rotary switch, connecting terminals, micro switch, refrigerator door switch, small-size toggle switches, indicator light, solenoid valve, buzzers and there are more than 4,000 kinds of derived productions. The productions are widely applied to various fields such as electronics, electrical appliance and instruments, communication, audio and video, household appliances and medical equipment. It has passed the certification of ISO9001:2008 Quality Management System and many of its products have passed the quality certification of authoritative certification bodies such as CQC, UL and ENEC, CE, ROHS. Our quality policy is: "Make progress by Technology, Create Brand by Quality". You have seen our successful past and we are striving to achieve what you expect. Let us go hand in hand and make sincere cooperation for a glorious future.



资质证书 Certificate



Sales Center



Assembly Workshop



Testing Product



Numerical Control Workshop



型号说明 Model Explanation

YXGQ	★	■	— □	◇	/ ◆	/ △	/ ▲	/ ◎	/ ★
系列号 Series Number	安装孔尺寸 Mounting Hole Size	头部形状 The Front Shape	开关组合 Contact Configuration	带灯类型 Lamp Type	接线类型 Terminal Type	带灯颜色 Color of Lamp and Colorized Button	带灯部分电压 Lamp Voltage	外壳材料 The Crust Material	彩钮头部颜色或 外壳颜色 Color of Colorful push button's head or Case
	8 Φ8mm 12 Φ12mm 16 Φ16mm 19 Φ19mm 22 Φ22mm	B球形Domed F平圆形Flat Round H高平圆形High Round P平面形Flat C凹圆形Concave M蘑菇钮 Mushroom push button 注:蘑菇钮仅用于 HBGQ16M-10D/J HBGQ16M-10/J	10 1NO	D 单点Dot E 环形Ring Em带灯蜂鸣器 Buzzer with illumination	J 接线插片 J Pin Terminal 无字母代表 No letter means 接线柱 screw terminal.	R红 Red G绿 Green Y黄 Yellow O橙 Orange B蓝 Blue W白 White	AC/DC6V AC/DC12V AC/DC24V AC/DC36V 其他电压等级可定做 Other voltage can be made to order	N 黄铜镀镍外壳 S 不锈钢外壳 A 锌铝合金(黑色) T 锌铝合金(银白)	R红 Red G绿 Green Y黄 Yellow O橙 Blue B蓝 White N黑 Black

注: 请仔细阅读产品具体说明后, 根据不同符号在该表中选取相应代号。
Note: Please carefully read the product specification, then select the appropriate code according to different symbols in the table.

开关结构说明 Switch Structure Explanation

型式 Type	符号 Symbol	示意图 Diagram	说明 Explanation
X			具有两个端子的双断点慢动触头开关 个别产品可定制Y型常闭开关, 详见 产品说明。 Switch with two terminal breakpoints slow moving contact Individual products can be customized Y- type normally closed switch, refer to product description.
Y			

LED灯珠规格 LED Lamp Specifications

灯珠类型 Lamp Type	双向LED灯珠 (交直流通用) Bi-directional LED lamp (AC DC Universal)	灯珠等效电路 Lamp Equivalent Circuit 采用交直流通用的LED灯珠, 接线端子无正 负极区分; 灯珠内置保护电阻, 不需外接。 AC-DC Universal LED lamp, terminal differentiate between positive and negative; lamp beads built-in protection resistors, no external.
额定电压 Rated Voltage	1.8V、2.8V、6V、12V、24V、36V	
额定电流 Rated Current	约15mA about 15mA	
发光颜色 Color	R G O B W	
寿命 Life	50000小时 (参考值) 50000 hours (reference value)	

注: 如需单向直流LED灯珠可定做; 其他电压规格可按要求定做。
Note: Unidirectional DC LED lamp can be customized if needed; other voltage specifications could be special made

安装效果预览 Installation Effect Preview

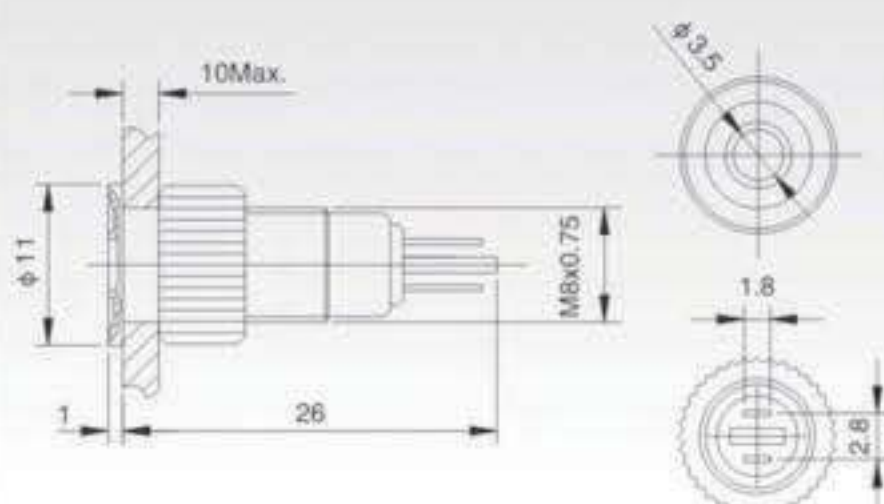


YXGQ8C-D/△/▲/N

信号灯
Signal lamp



- 安装孔尺寸: $\Phi 8\text{mm}$
Mounting Hole Size: $\Phi 8\text{mm}$
- 电压等级: 220V及以下
Voltage Class: $\leq 220\text{V}$
- 额定电流: 15mA
Rated Current: 15mA
- 灯珠类型: LED
Lamp Type: LED
- 灯珠颜色: 红/绿/黄/橙/蓝/白
Lamp Color: Red / Green / Yellow / Orange / Blue / White
- 外壳材料: 黄铜镀镍
The Crust Material: Nickel-plated Brass
- 防护等级: IP67,IK10
Protection Degree: IP67,IK10

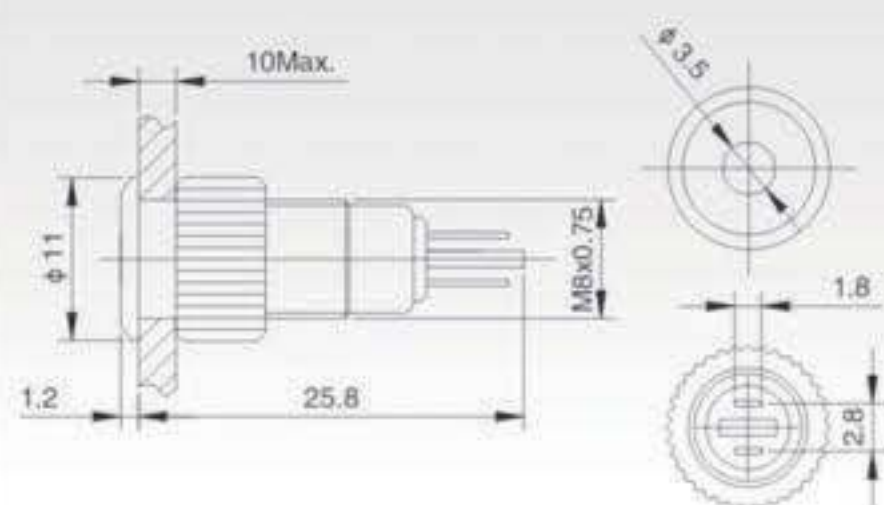


YXGQ8F-D/△/▲/N

信号灯
Signal lamp



- 安装孔尺寸: $\Phi 8\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 电压等级: 220V及以下
Voltage Class: $\leq 220\text{V}$
- 额定电流: 15mA
Rated Current: 15mA
- 灯珠类型: LED
Lamp Type: LED
- 灯珠颜色: 红/绿/黄/橙/蓝/白
Lamp Color: Red / Green / Yellow / Orange / Blue / White
- 外壳材料: 黄铜镀镍
The Crust Material: Nickel-plated Brass
- 防护等级: IP67,IK10
Protection Degree: IP67,IK10

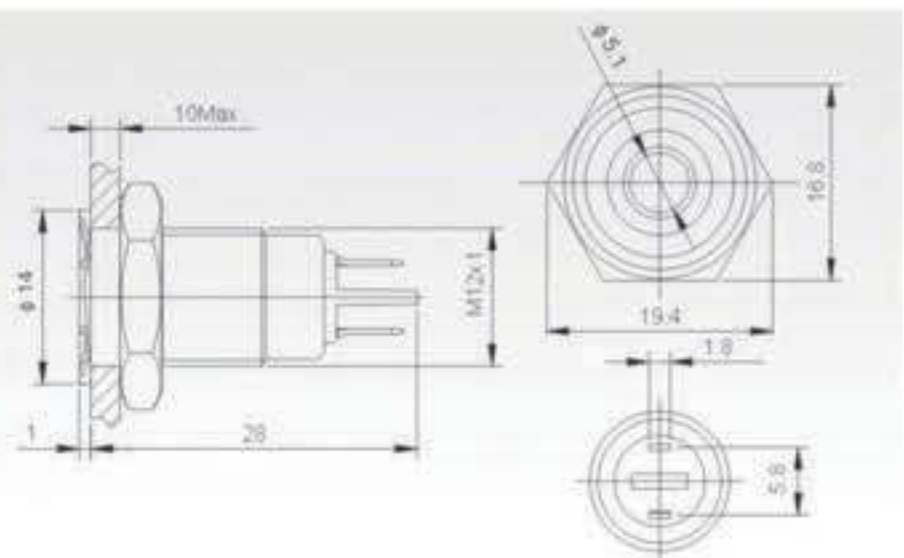


产品规格 Specifications		YXGQ8C-D/△/▲/N	YXGQ8F-D/△/▲/N
尾部配置 Terminal Type		接线插片 Pin Terminal (1.8×0.4mm)	接线插片 Pin Terminal (1.8×0.4mm)
绝缘强度 Dielectric Strength		1100VAC	1100VAC
环境温度 Operating Temperature		-20℃ ~ +55℃	-20℃ ~ +55℃
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm
防护等级 Protection Degree		IP67,IK10	IP67,IK10
材料 Material	灯罩 Shade	聚碳酸酯 PC	聚碳酸酯 PC
	外壳 Case	黄铜镀镍 Nickel-plated Brass	黄铜镀镍 Nickel-plated Brass
	底座 Base	PBT	PBT
灯珠参数 Lamp Parameters	RoHS	可定制 Can be made to order	可定制 Can be made to order
	灯珠类型 Type	单点平凹(LED) dot-illumination flat-concave	单点平面(LED) dot-illumination flat
	额定电压 Rated Voltage	2V/6V/12V/24V/36V 110V/220V	2V/6V/12V/24V/36V 110V/220V
	额定电流 Rated Current	约about15mA 约about3mA	约about15mA 约about3mA
	灯珠颜色 Color	R G Y O B W	R G Y O B W
灯珠寿命 Life		50000小时hours	50000小时hours

YXGQ12C-D/△/▲/N



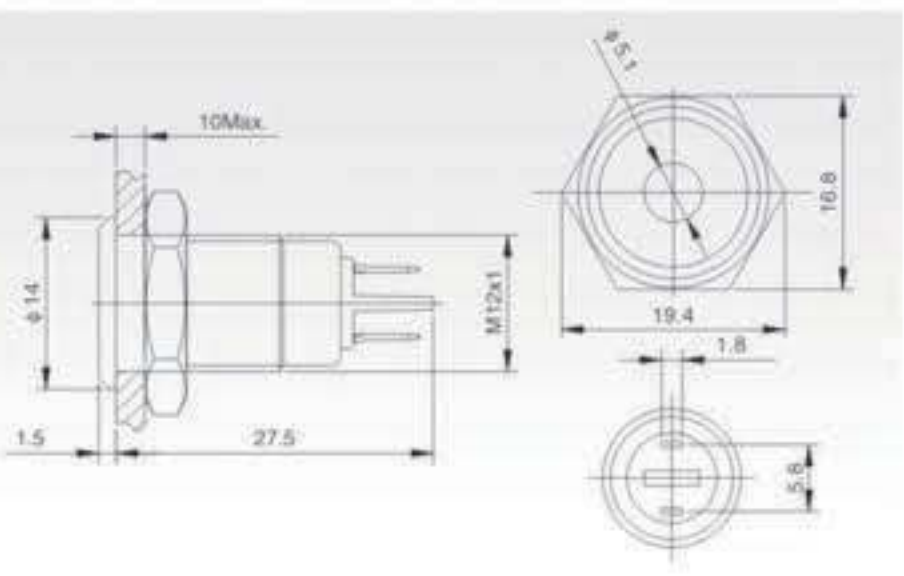
- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 电压等级: 220V及以下
Voltage Class: $\leq 220\text{V}$
- 额定电流: 15mA
Rated Current: 15mA
- 灯珠类型: LED
Lamp Type: LED
- 灯珠颜色: 红/绿/黄/橙/蓝/白
Lamp Color: Red / Green / Yellow / Orange / Blue / White
- 外壳材料: 黄铜镀镍
The Crust Material: Nickel-plated Brass
- 防护等级: IP67,IK10
Protection Degree: IP67,IK10



YXGQ12F-D/△/▲/N



- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 电压等级: 220V及以下
Voltage Class: $\leq 220\text{V}$
- 额定电流: 15mA
Rated Current: 15mA
- 灯珠类型: LED
Lamp Type: LED
- 灯珠颜色: 红/绿/黄/橙/蓝/白
Lamp Color: Red / Green / Yellow / Orange / Blue / White
- 外壳材料: 黄铜镀镍
The Crust Material: Nickel-plated Brass
- 防护等级: IP67,IK10
Protection Degree: IP67,IK10



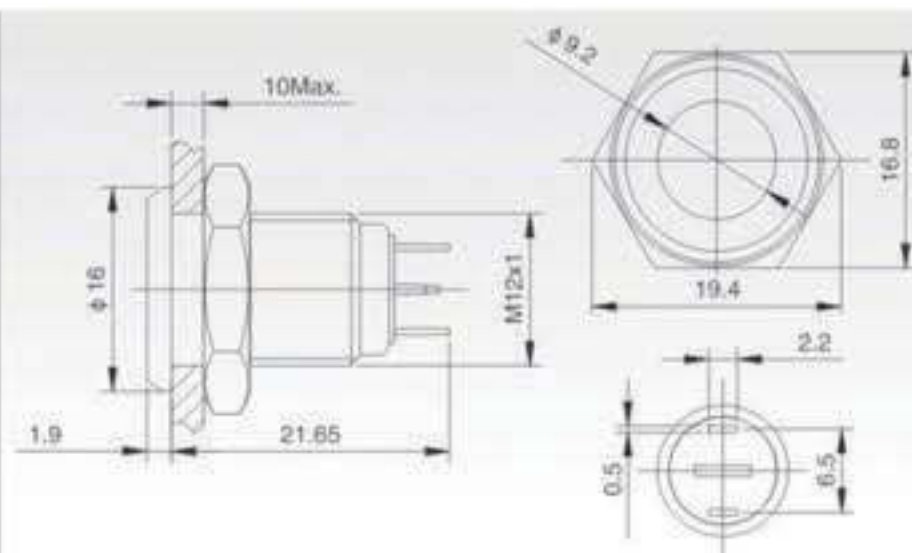
产品规格 Specifications		YXGQ12C-D/△/▲/N	YXGQ12F-D/△/▲/N
尾部配置 Terminal Type		接线插片 Pin Terminal (1.8×0.4mm)	接线插片 Pin Terminal (1.8×0.4mm)
绝缘强度 Dielectric Strength		2000VAC	2000VAC
环境温度 Operating Temperature		-20℃ ~ +55℃	-20℃ ~ +55℃
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm
防护等级 Protection Degree		IP67,IK10	IP67,IK10
材料 Material	灯罩 Shade	聚碳酸酯 PC	聚碳酸酯 PC
	外壳 Case	黄铜镀镍 Nickel-plated Brass	黄铜镀镍 Nickel-plated Brass
	底座 Base	PBT	PBT
灯珠参数 Lamp Parameters	RoHS	可定制 Can be made to order	可定制 Can be made to order
	灯珠类型 Type	单点平凹(LED) dot-illumination flat-concave	单点平面(LED) dot-illumination flat
	额定电压 Rated Voltage	2V/6V/12V/24V/36V 110V/220V	2V/6V/12V/24V/36V 110V/220V
	额定电流 Rated Current	约about15mA 约about3mA	约about15mA 约about3mA
	灯珠颜色 Color	R G Y O B W	R G Y O B W
灯珠寿命 Life		50000小时hours	50000小时hours

YXGQ12F-D/J/△/▲/○

信号灯
Signal lamp



- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 电压等级: 220V及以下
Voltage Class: $\leq 220\text{V}$
- 额定电流: 15mA
Rated Current: 15mA
- 灯珠类型: LED
Lamp Type: LED
- 灯珠颜色: 红/绿/黄/橙/蓝/白
Lamp Color: Red / Green / Yellow / Orange / Blue / White
- 外壳材料: 黄铜镀镍/不锈钢
The Crust Material: Nickel-plated Brass/Stainless Steel
- 防护等级: IP67,IK10
Protection Degree: IP67,IK10

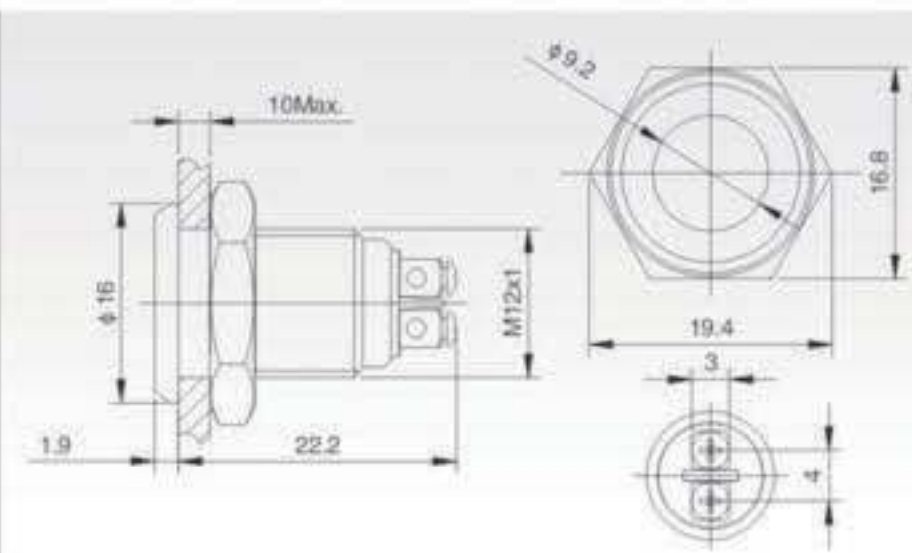


YXGQ12F-D/△/▲/○

信号灯
Signal lamp



- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 电压等级: 220V及以下
Voltage Class: $\leq 220\text{V}$
- 额定电流: 15mA
Rated Current: 15mA
- 灯珠类型: LED
Lamp Type: LED
- 灯珠颜色: 红/绿/黄/橙/蓝/白
Lamp Color: Red / Green / Yellow / Orange / Blue / White
- 外壳材料: 黄铜镀镍/不锈钢
The Crust Material: Nickel-plated Brass/Stainless Steel
- 防护等级: IP67,IK10
Protection Degree: IP67,IK10



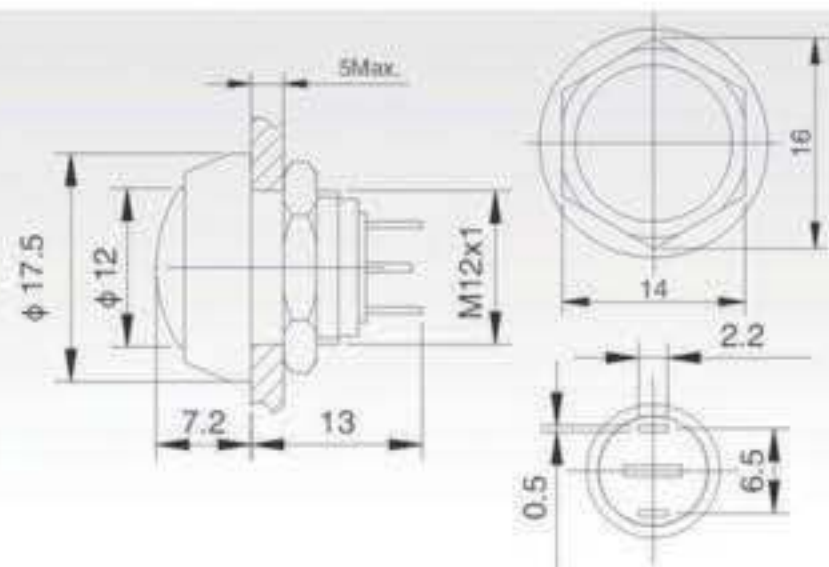
产品规格 Specifications		YXGQ12F-D/J/△/▲/○	YXGQ12F-D/△/▲/○
尾部配置 Terminal Type		接线插片 Pin Terminal(2.0×0.5mm)	接线柱 Screw Terminal
绝缘强度 Dielectric Strength		2000VAC	2000VAC
环境温度 Operating Temperature		-20℃ ~ +55℃	-20℃ ~ +55℃
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm
防护等级 Protection Degree		IP67,IK10	IP67,IK10
材料 Material	灯罩 Shade	聚碳酸酯 PC	聚碳酸酯 PC
	外壳 Case	不锈钢/黄铜镀镍 Stainless Steel/Nickel-plated Brass	不锈钢/黄铜镀镍 Stainless Steel/Nickel-plated Brass
	底座 Base	PBT	PBT
灯珠参数 Lamp Parameters	RoHS	可定制 Can be made to order	可定制 Can be made to order
	灯珠类型 Type	单点平面(LED) Flat dot	单点平面(LED) Flat dot
	额定电压 Rated Voltage	2V/6V/12V/24V/36V 110V/220V	2V/6V/12V/24V/36V 110V/220V
	额定电流 Rated Current	约about15mA 约about3mA	约about15mA 约about3mA
	灯珠颜色 Color	R G Y O B W	R G Y O B W
灯珠寿命 Life		50000小时hours	50000小时hours

YXGQ12B-10/J/A★

球形钮
Domed



- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 锌铝合金
The Crust Material: Zn-al Alloy
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

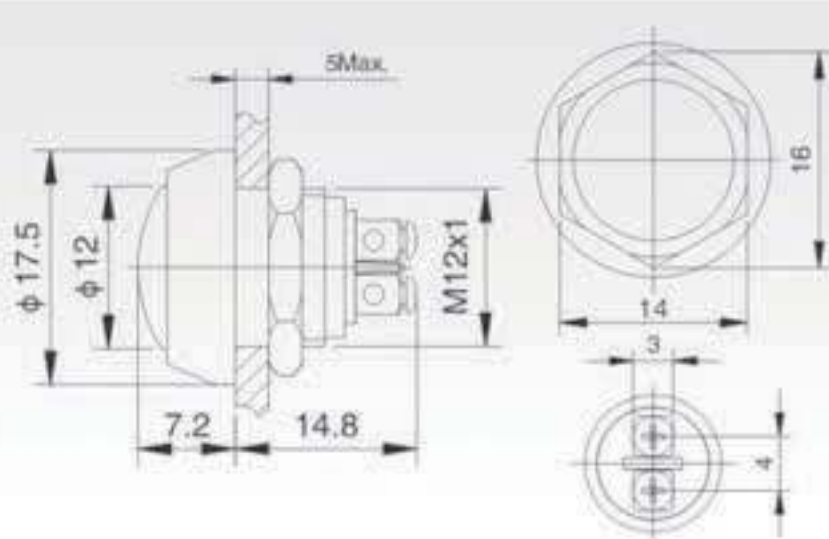


YXGQ12B-10/A★

球形钮
Domed



- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 锌铝合金
The Crust Material: Zn-al Alloy
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

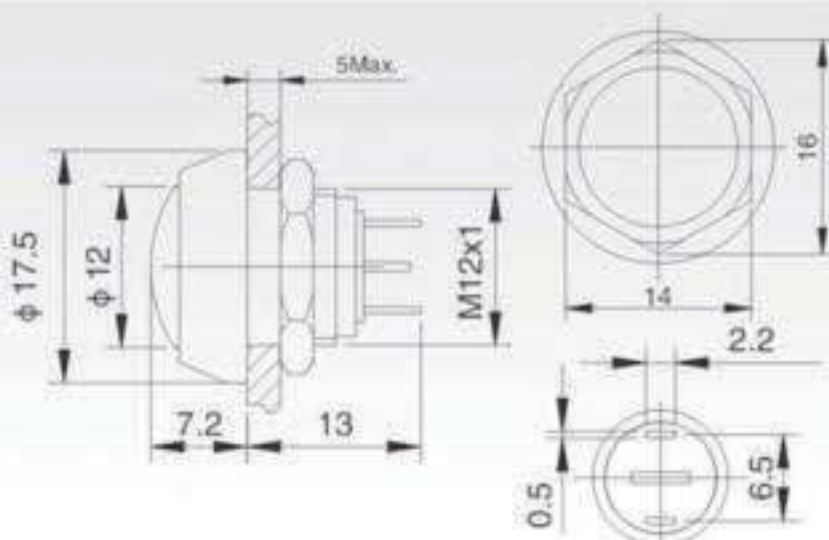


YXGQ12B-10/J/○

球形钮
Domed



- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Nickel-plated Brass, Stainless Steel
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



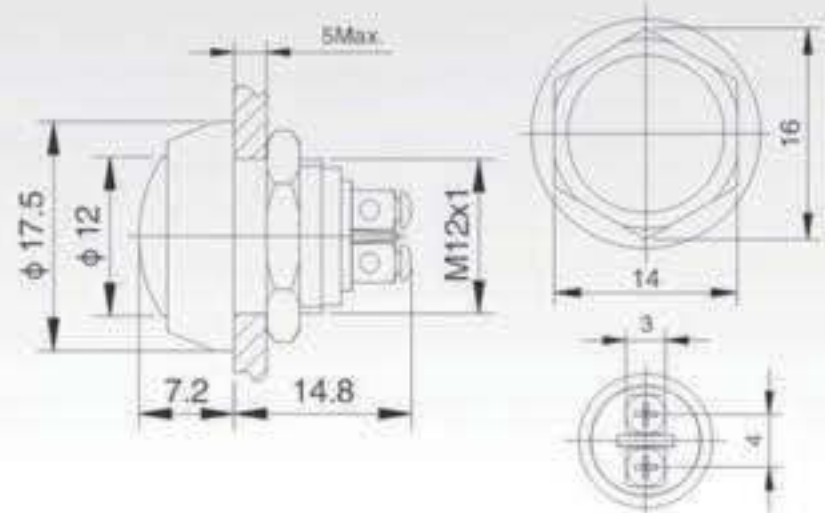
产品规格 Specifications		YXGQ12B-10/J/A★	YXGQ12B-10/A★	YXGQ12B-10/J/○
尾部配置 Terminal Type		接线插片 Pin Terminal(2×0.5mm)	接线柱 Screw Terminal	接线插片 Pin Terminal(2×0.5mm)
开关型式 Switch Type		X(双断点慢动触头) Two terminal breakpoints slow moving contact	X(双断点慢动触头) Two terminal breakpoints slow moving contact	X(双断点慢动触头) Two terminal breakpoints slow moving contact
开关规格 Switch Specifications		2A/36VDC	2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		≤50mΩ	≤50mΩ	≤50mΩ
绝缘电阻 Insulation Resistance		≥1000MΩ	≥1000MΩ	≥1000MΩ
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		-20℃ ~ +55℃	-20℃ ~ +55℃	-20℃ ~ +55℃
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		20万次以上 >200,000 times	20万次以上 >200,000 times	20万次以上 >200,000 times
面板厚度 Panel Thickness		1 ~ 5mm	1 ~ 5mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约About 5N	约About 5N	约About 4N
操作行程 Operating Stroke		约About 2.5 mm	约About 2.5 mm	约About 2.5 mm
防护等级 Protection Degree		IP65,IK08	IP65,IK08	IP65,IK08
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	PBT	PBT	不锈钢:镜面,CD纹 Stainless Steel: Mirror Surface, CD Pattern
	外壳 Case	锌铝合金 Zn-al Alloy	锌铝合金 Zn-al Alloy	黄铜镀镍,不锈钢 Nickel-plated Brass, Stainless Steel
	基座 Base	PBT	PBT	PBT
RoHS		可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order
头部颜色 Head Color		R G Y O B W N	R G Y O B W N	

YXGQ12B-10/○

球形钮
Domed



- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Nickel-plated Brass, Stainless Steel
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

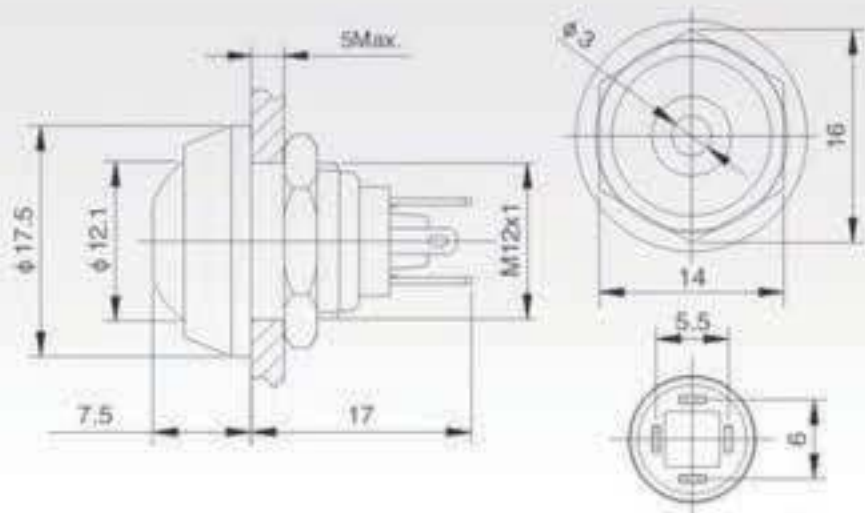


YXGQ12B-10D/J/△/▲/A/★

球形钮
Domed



- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 外壳材料: 锌铝合金
The Crust Material: Zn-al Alloy
- 带灯方式: 单点带灯
Illuminated type: Dot
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

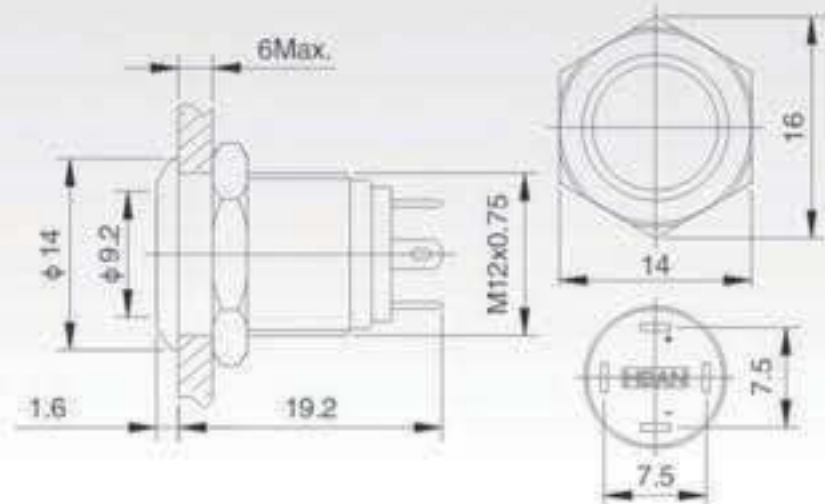


YXGQ12F-10/J/○

平钮
Flat Round



- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 平形
The Front Shape: Flat
- 外壳材料: 黄铜镀镍/不锈钢
The Crust Material: Nickel-plated Brass, Stainless Steel
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



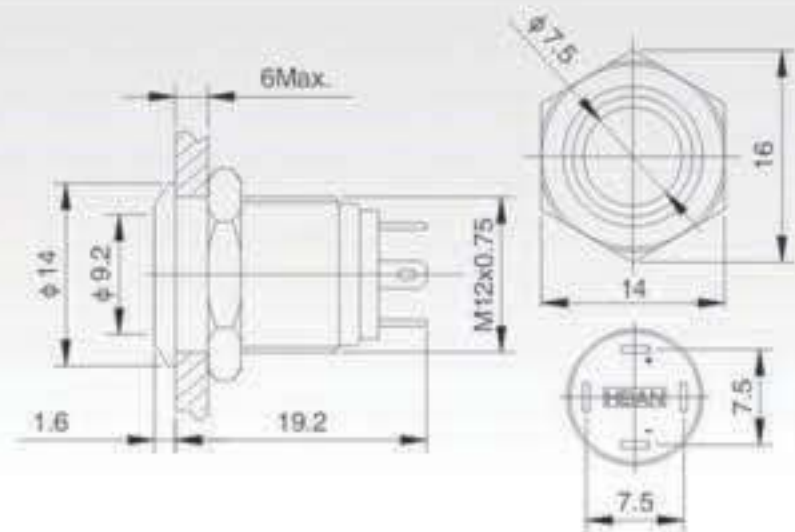
产品规格 Specifications		YXGQ12B-10/○	YXGQ12B-10D/J/△/▲/A/★	YXGQ12F-10/J/○
尾部配置 Terminal Type		接线柱 Screw Terminal	接线插片 Pin Terminal(2 × 0.5mm)	接线插片 Pin Terminal(2 × 0.5mm)
开关型式 Switch Type		X(双断点慢动触头) Two terminal breakpoints slow moving contact	X(双断点慢动触头) Two terminal breakpoints slow moving contact	X(双断点慢动触头) Two terminal breakpoints slow moving contact
开关规格 Switch Specifications		2A/36VDC	2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
绝缘电阻 Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		20万次以上 >200,000 times	20万次以上 >200,000 times	20万次以上 >200,000 times
面板厚度 Panel Thickness		1 ~ 5mm	1 ~ 10mm	1 ~ 5mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约About 5N	约About 5N	约About 5N
操作行程 Operating Stroke		约About 2.5 mm	约About 2.5 mm	约About 1.8 mm
防护等级 Protection Degree		IP65,IK08	IP65,IK08	IP65,IK08
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面, CD纹 Stainless Steel: Mirror Surface, CD Pattern	PBT	PBT
	外壳 Case	黄铜镀镍, 不锈钢 Nickel-plated Brass, Stainless Steel	锌铝合金 Zn-al Alloy	黄铜镀镍, 不锈钢 Nickel-plated Brass, Stainless Steel
	基座 Base	PBT	PBT	PBT
RoHS		可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order
头部颜色 Head Color			R G Y O B W	

YXGQ12F-10E/J/△/▲/◎

平钮
Flat Round



- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 黄铜镀镍/不锈钢
The Crust Material: Nickel-plated Brass, Stainless Steel
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

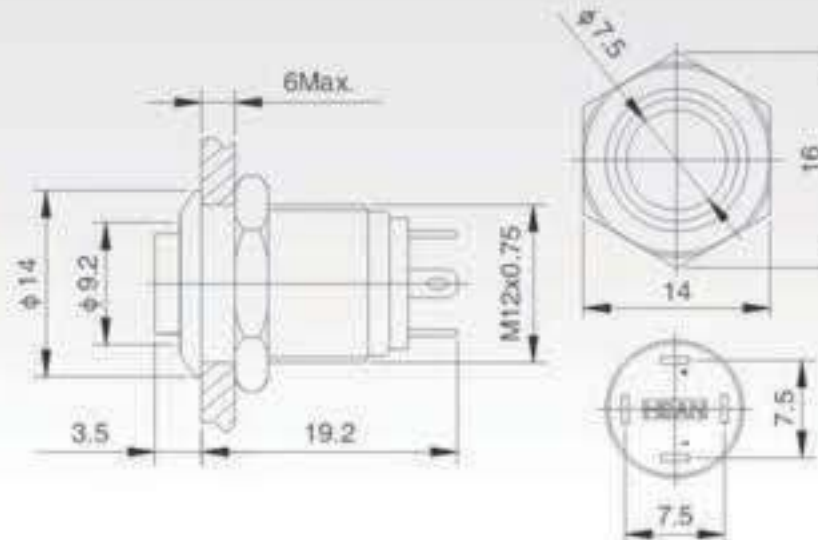


YXGQ12H-10E/J/△/▲/◎

环形带灯高钮
Ring-illumination high round switch



- 安装孔尺寸: $\Phi 12\text{mm}$
Mounting Hole Size: $\Phi 12\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 黄铜镀镍/不锈钢
The Crust Material: Nickel-plated Brass, Stainless Steel
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



产品规格 Specifications

尾部配置 Terminal Type

YXGQ12F-10E/J/△/▲/◎

接线插片 Pin Terminal(2 × 0.5mm)

开关型式 Switch Type

X(双断点慢动触头) Two terminal breakpoints slow moving contact

开关规格 Switch Specifications

2A/36VDC

接触电阻 Contact Resistance

≤50mΩ

绝缘电阻 Insulation Resistance

≥1000MΩ

绝缘强度 Dielectric Strength

2000VAC

环境温度 Operating Temperature

-20℃ ~ +55℃

机械寿命 Mechanical Life

100万次以上 >1,000,000 times

电气寿命 Electrical Life

20万次以上 >200,000 times

面板厚度 Panel Thickness

1 ~ 10mm

螺母扭矩 Torque

5 ~ 14Nm

操作压力 Operating Pressure

约About4N

操作行程 Operating Stroke

约About 1.8mm

防护等级 Protection Degree

IP65,IK08

材料

触点 Contact

银合金 Silver Alloy

按键 Button

不锈钢:镜面, CD纹 Stainless Steel: Mirror Surface, CD Pattern

外壳 Case

不锈钢;黄铜镀镍 Stainless Steel/Nickel-plated Brass

基座 Base

PBT

RoHS

可定制 Can be made to order

带灯部分参数

带灯类型 Type

环形带灯(LED) Ring-illumination(LED)

额定电压 Rated Voltage

2V/6V/12V/24V/36V

灯珠颜色 Color

R G Y O B W

灯珠寿命 Life

50000小时 Hours

YXGQ12H-10E/J/△/▲/◎

接线插片 Pin Terminal(2 × 0.5mm)

X(双断点慢动触头) Two terminal breakpoints slow moving contact

2A/36VDC

≤50mΩ

≥1000MΩ

2000VAC

-20℃ ~ +55℃

100万次以上 >1,000,000 times

20万次以上 >200,000 times

1 ~ 10mm

5 ~ 14Nm

约About4N

约About 1.8mm

IP65,IK08

银合金 Silver Alloy

不锈钢:镜面, CD纹 Stainless Steel: Mirror Surface, CD Pattern

不锈钢;黄铜镀镍 Stainless Steel/Nickel-plated Brass

PBT

可定制 Can be made to order

环形带灯(LED) Ring-illumination(LED)

2V/6V/12V/24V/36V

R G Y O B W

50000小时 Hours

限流电阻配置表(推荐值)
Current Limiting Resistor
Configuration Table
(Recommended Value)

工作电压 Rated Voltage U

6V

12V

24V

36V

计算公式 Formula

限流电阻
Current
Limiting
Resistor

R Y O
G B W

210Ω, 1/4W
160Ω, 1/4W

510Ω, 1/2W
460Ω, 1/2W

1.2kΩ, 3/4W
1.2KΩ, 3/4W

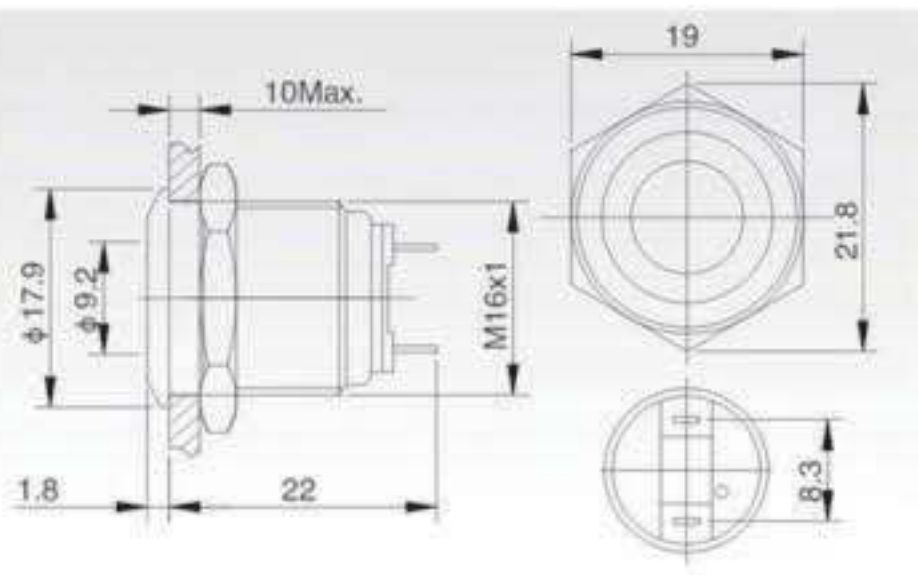
2.2KΩ, 1W
2.2KΩ, 1W

$R = \frac{U - U_e}{I_e}$

YXGQ16F-D/J/△/▲/○



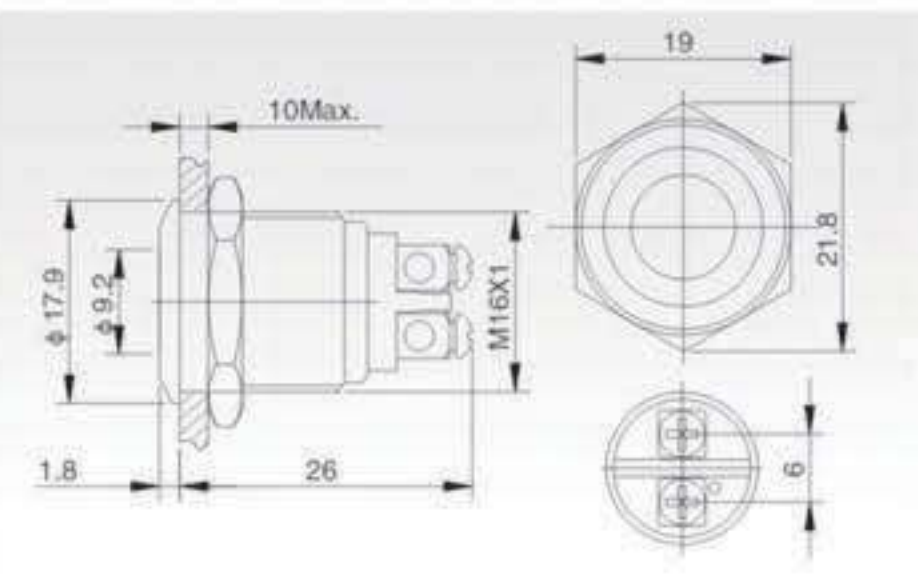
- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 电压等级: 220V及以下
Voltage Class: $\leq 220\text{V}$
- 额定电流: 15mA
Rated Current: 15mA
- 灯珠类型: LED
Lamp Type: LED
- 灯珠颜色: 红/绿/黄/橙/蓝/白
Lamp Color: Red / Green / Yellow / Orange / Blue / White
- 外壳材料: 黄铜镀镍/不锈钢
The Crust Material: Nickel-plated Brass, Stainless Steel
- 防护等级: IP67,IK10
Protection Degree: IP67,IK10



YXGQ16F-D/△/▲/○



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 电压等级: 220V及以下
Voltage Class: $\leq 220\text{V}$
- 额定电流: 15mA
Rated Current: 15mA
- 灯珠类型: LED
Lamp Type: LED
- 灯珠颜色: 红/绿/黄/橙/蓝/白
Lamp Color: Red / Green / Yellow / Orange / Blue / White
- 外壳材料: 黄铜镀镍/不锈钢
The Crust Material: Nickel-plated Brass, Stainless Steel
- 防护等级: IP67,IK10
Protection Degree: IP67,IK10



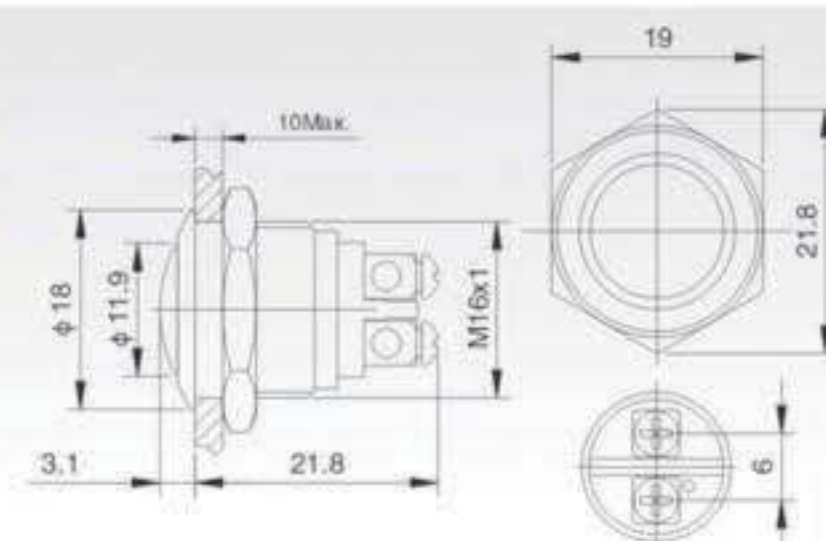
产品规格 Specifications		YXGQ16F-D/J/△/▲/○	YXGQ16F-D/△/▲/○
尾部配置 Terminal Type		接线插片 Pin Terminal(2.0×0.5mm)	接线柱 Screw Terminal
绝缘强度 Dielectric Strength		2000VAC	2000VAC
环境温度 Operating Temperature		-20℃ ~ +55℃	-20℃ ~ +55℃
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm
防护等级 Protection Degree		IP67,IK10	IP67,IK10
材料 Material	灯罩 Shade	聚碳酸酯 PC	聚碳酸酯 PC
	外壳 Case	不锈钢/黄铜镀镍 Stainless Steel/Nickel-plated Brass	不锈钢/黄铜镀镍 Stainless Steel/Nickel-plated Brass
	底座 Base	PBT	PBT
灯珠参数 Lamp Parameters	RoHS	可定制 Can be made to order	可定制 Can be made to order
	灯珠类型 Type	单点平面(LED) Flat dot	单点平面(LED) Flat dot
	额定电压 Rated Voltage	2V/6V/12V/24V/36V 110V/220V	2V/6V/12V/24V/36V 110V/220V
	额定电流 Rated Current	约about15mA 约about3mA	约about15mA 约about3mA
	灯珠颜色 Color	R G Y O B W	R G Y O B W
灯珠寿命 Life		50000小时hours	50000小时hours

YXGQ16B-10/○

球形钮
Domed



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

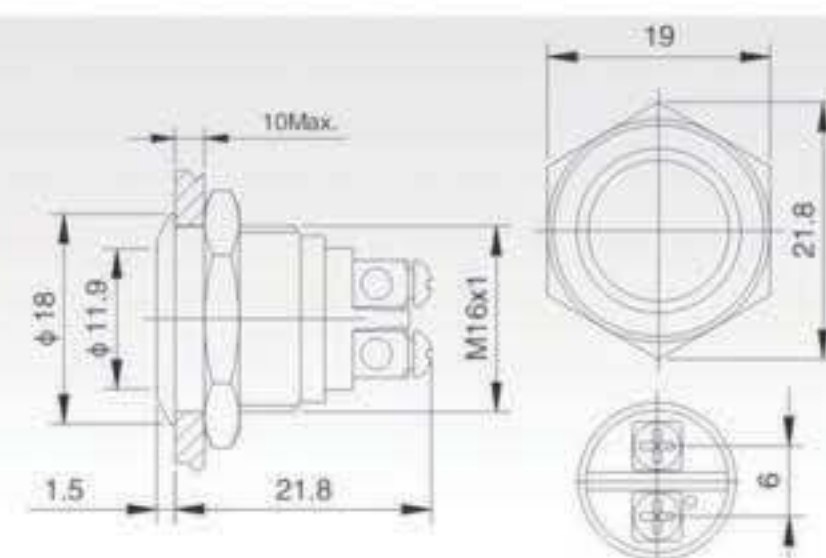


YXGQ16F-10/○

平钮
Flat Round



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

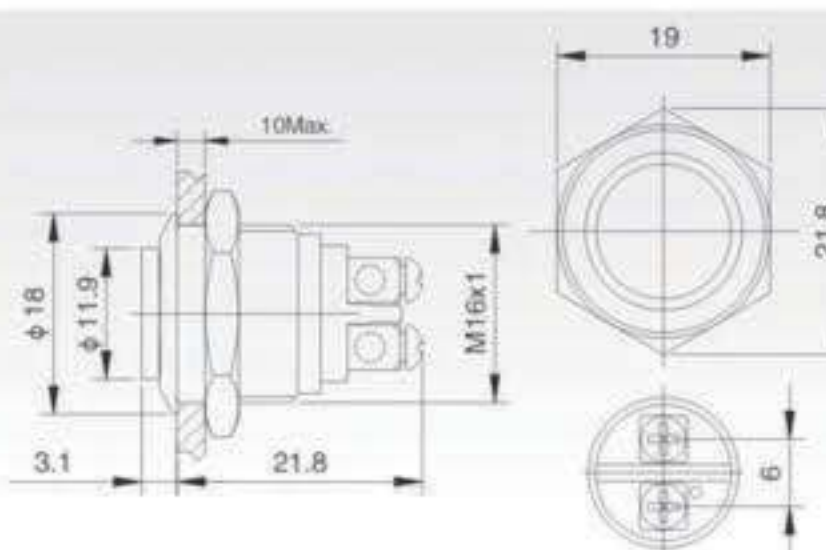


YXGQ16H-10/○

高平钮
High Round



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



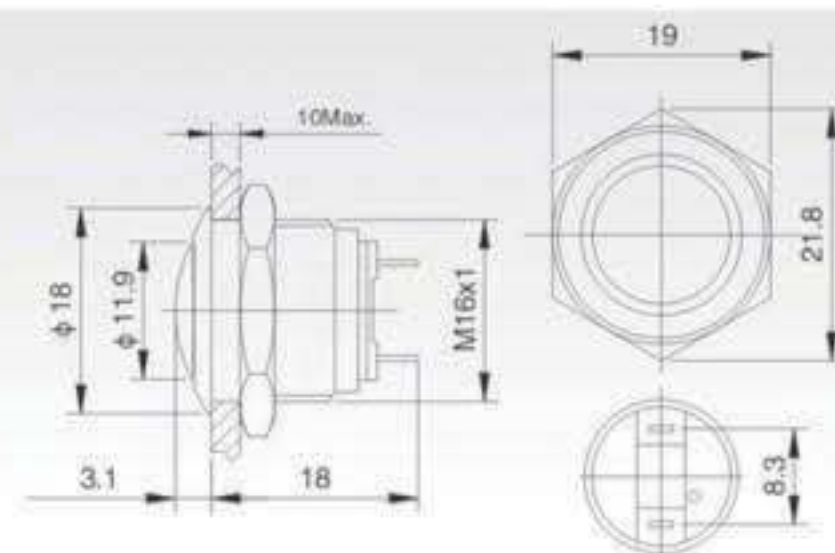
产品规格 Specifications		YXGQ16B-10/○	YXGQ16F-10/○	YXGQ16H-10/○
头部形状 The Front Shape		球形 Domed	平圆形 Flat Round	高平圆形 High Round
尾部配置 Terminal Type		接线柱 Screw Terminal	接线柱 Screw Terminal	接线柱 Screw Terminal
开关型式 Switch Type		X(双断点慢动触头) (Two terminal breakpoints slow moving contact)	X(双断点慢动触头) (Two terminal breakpoints slow moving contact)	X(双断点慢动触头) (Two terminal breakpoints slow moving contact)
开关规格 Switch Specifications		2A/36VDC	2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
绝缘电阻 Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		20万次以上 >200,000 times	20万次以上 >200,000 times	20万次以上 >200,000 times
面板厚度 Panel Thickness		1 ~ 6mm	1 ~ 6mm	1 ~ 6mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约about4N	约about4N	约about4N
操作行程 Operating Stroke		约about 1.5mm	约about 1.5mm	约about 1.5mm
防护等级 Protection Degree		IP65,IK08	IP65,IK08	IP65,IK08
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面,CD纹 stainless Steel; Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel; Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel; Mirror Surface, CD Pattern
	外壳 Case	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel; Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel; Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel; Mirror Surface, CD Pattern Nickel-plated Brass
	基座 Base	PBT	PBT	PBT
RoHS		可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order

YXGQ16B-10/J/

球形钮
Domed



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

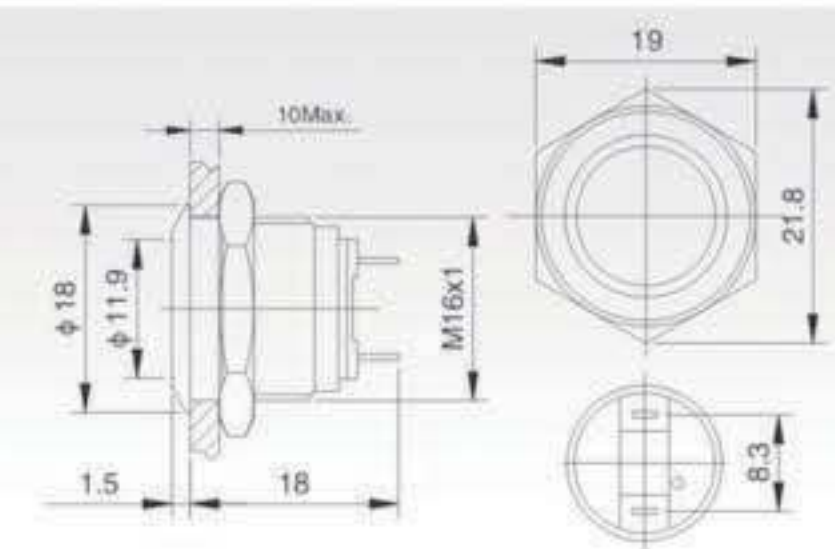


YXGQ16F-10/J/

平钮
Flat Round



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

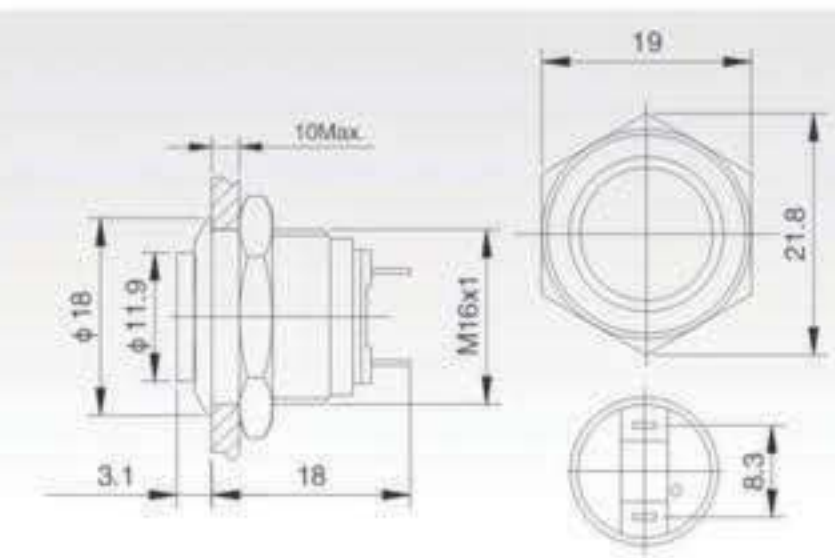


YXGQ16H-10/J/

高平钮
High Round



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



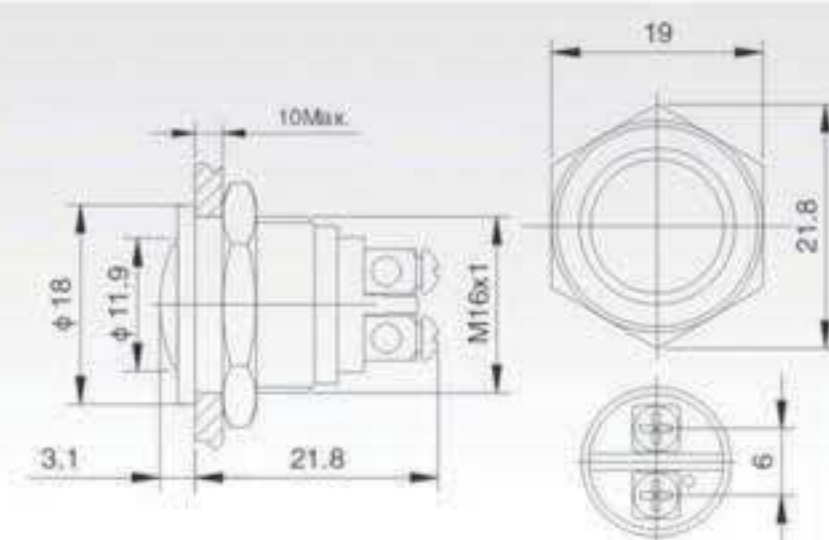
产品规格 Specifications		YXGQ16B-10/J/	YXGQ16F-10/J/	YXGQ16H-10/J/
头部形状 The Front Shape		球形 Domed	平圆形 Flat Round	高平圆形 High Round
尾部配置 Terminal Type		接线插片 Pin Terminal(2×0.5mm)	接线插片 Pin Terminal(2×0.5mm)	接线插片 Pin Terminal(2×0.5mm)
开关型式 Switch Type		X(双断点慢动触头) (Two terminal breakpoints slow moving contact)	X(双断点慢动触头) (Two terminal breakpoints slow moving contact)	X(双断点慢动触头) (Two terminal breakpoints slow moving contact)
开关规格 Switch Specifications		2A/36VDC	2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
绝缘电阻 Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		20万次以上 >200,000 times	20万次以上 >200,000 times	20万次以上 >200,000 times
面板厚度 Panel Thickness		1~6mm	1~6mm	1~6mm
螺母扭矩 Torque		5~14Nm	5~14Nm	5~14Nm
操作压力 Operating Pressure		约about 4N	约about 4N	约about 4N
操作行程 Operating Stroke		约about 1.5mm	约about 1.5mm	约about 1.5mm
防护等级 Protection Degree		IP65,IK08	IP65,IK08	IP65,IK08
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面,CD纹 tainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 tainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 tainless Steel: Mirror Surface, CD Pattern
	外壳 Case	不锈钢:镜面,CD纹,黄铜镀镍 tainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 tainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 tainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass
	基座 Base	PBT	PBT	PBT
RoHS		可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order

YXGQ16PB-10/

球形钮
Domed



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

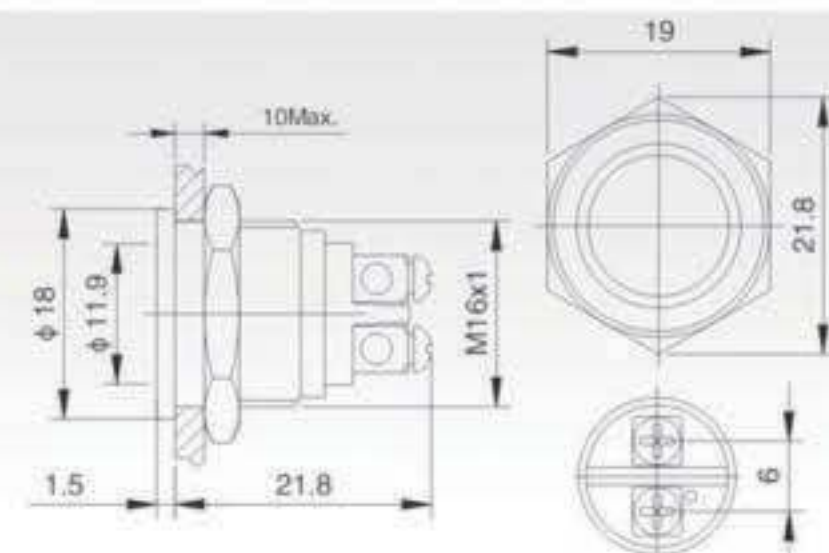


YXGQ16PF-10/

平钮
Flat Round



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

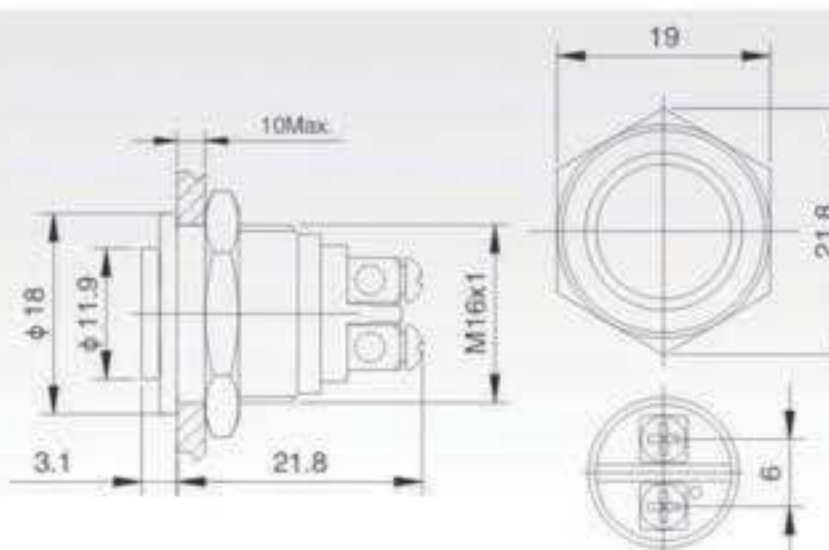


YXGQ16PH-10/

高平钮
High Round



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



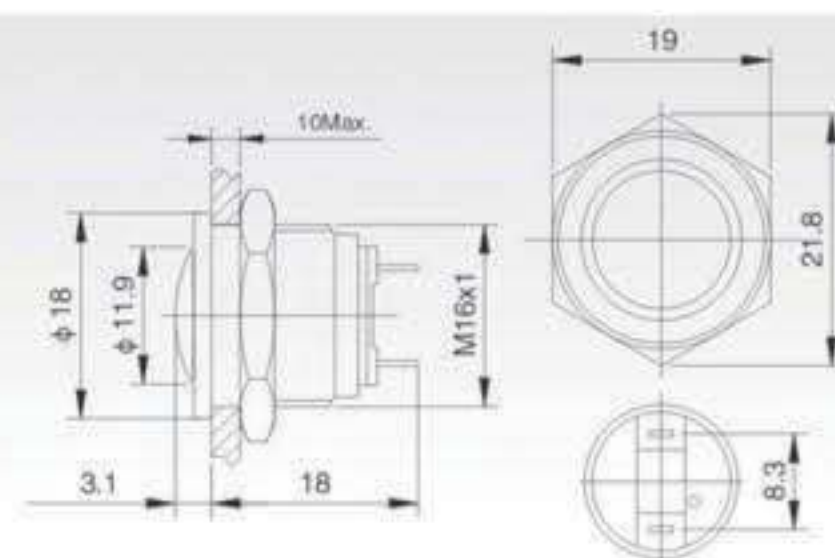
产品规格 Specifications		YXGQ16PB-10/	YXGQ16PF-10/	YXGQ16PH-10/
头部形状 The Front Shape		球形 Domed	平圆形 Flat Round	高平圆形 High Round
尾部配置 Terminal Type		接线柱 Screw Terminal	接线柱 Screw Terminal	接线柱 Screw Terminal
开关型式 Switch Type		X(双断点慢动触头) (Two terminal breakpoints slow moving contact)	X(双断点慢动触头) (Two terminal breakpoints slow moving contact)	X(双断点慢动触头) (Two terminal breakpoints slow moving contact)
开关规格 Switch Specifications		2A/36VDC	2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
绝缘电阻 Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		20万次以上 >200,000 times	20万次以上 >200,000 times	20万次以上 >200,000 times
面板厚度 Panel Thickness		1 ~ 6mm	1 ~ 6mm	1 ~ 6mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约about4N	约about4N	约about4N
操作行程 Operating Stroke		约about 1.5mm	约about 1.5mm	约about 1.5mm
防护等级 Protection Degree		IP65,IK08	IP65,IK08	IP65,IK08
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面,CD纹 stainless Steel; Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel; Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel; Mirror Surface, CD Pattern
	外壳 Case	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel; Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel; Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel; Mirror Surface, CD Pattern Nickel-plated Brass
	基座 Base	PBT	PBT	PBT
RoHS		可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order

YXGQ16PB-10/J/

球形钮
Domed



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

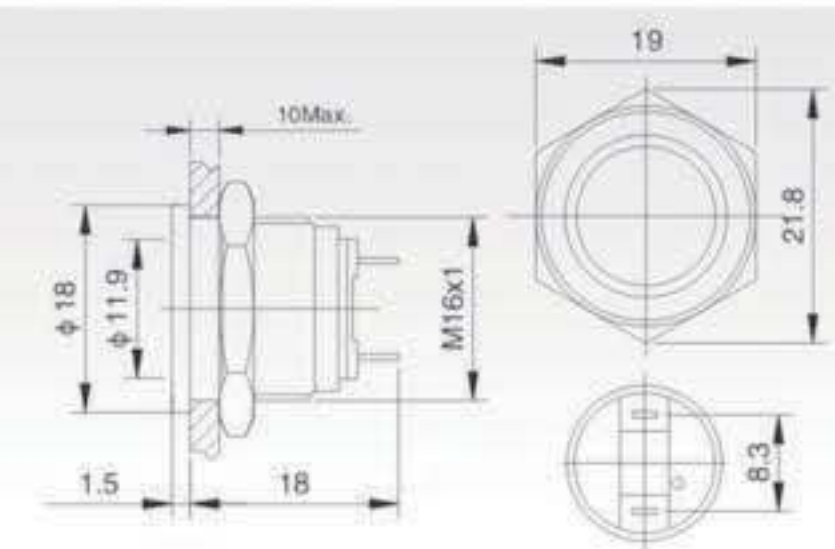


YXGQ16PF-10/J/

平钮
Flat Round



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

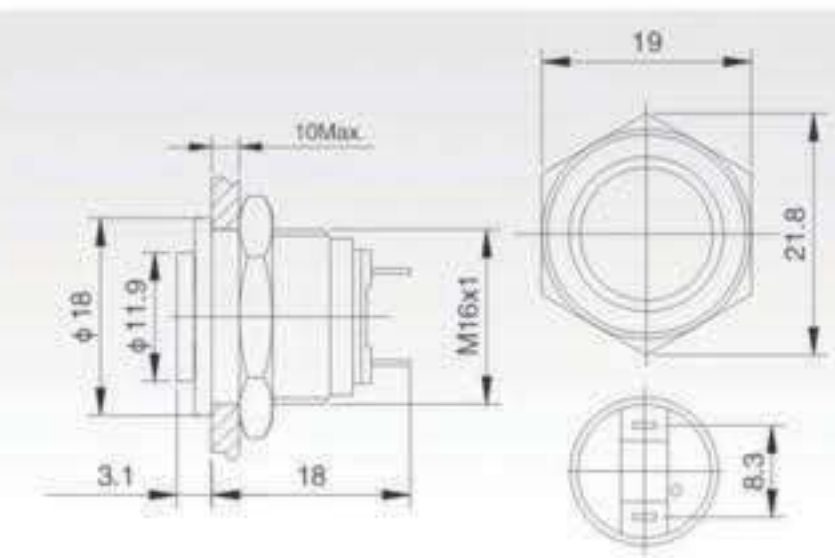


YXGQ16PH-10/J/

高平钮
High Round



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



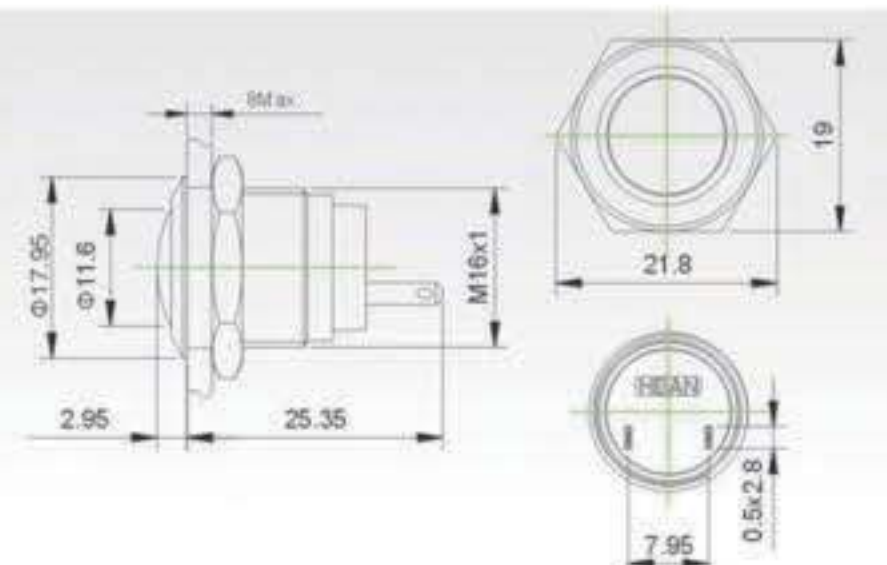
产品规格 Specifications		YXGQ16PB-10/J/	YXGQ16PF-10/J/	YXGQ16PH-10/J/
头部形状 The Front Shape		球形 Domed	平圆形 Flat Round	高平圆形 High Round
尾部配置 Terminal Type		接线插片 Pin Terminal(2×0.5mm)	接线插片 Pin Terminal(2×0.5mm)	接线插片 Pin Terminal(2×0.5mm)
开关型式 Switch Type		X(双断点慢动触头) (Two terminal breakpoints slow moving contact)	X(双断点慢动触头) (Two terminal breakpoints slow moving contact)	X(双断点慢动触头) (Two terminal breakpoints slow moving contact)
开关规格 Switch Specifications		2A/36VDC	2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
绝缘电阻 Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		20万次以上 >200,000 times	20万次以上 >200,000 times	20万次以上 >200,000 times
面板厚度 Panel Thickness		1~6mm	1~6mm	1~6mm
螺母扭矩 Torque		5~14Nm	5~14Nm	5~14Nm
操作压力 Operating Pressure		约about 4N	约about 4N	约about 4N
操作行程 Operating Stroke		约about 1.5mm	约about 1.5mm	约about 1.5mm
防护等级 Protection Degree		IP65,IK08	IP65,IK08	IP65,IK08
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面,CD纹 tainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 tainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 tainless Steel: Mirror Surface, CD Pattern
	外壳 Case	不锈钢:镜面,CD纹,黄铜镀镍 tainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 tainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 tainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass
	基座 Base	PBT	PBT	PBT
RoHS		可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order

YXGQ16B-10Z/J/

球形钮
Domed



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

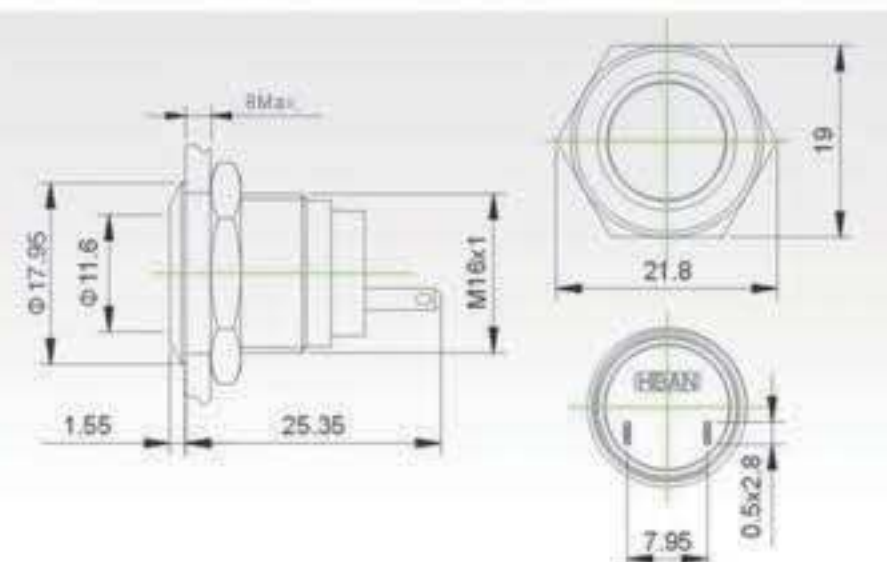


YXGQ16F-10Z/J/

平钮
Flat Round



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

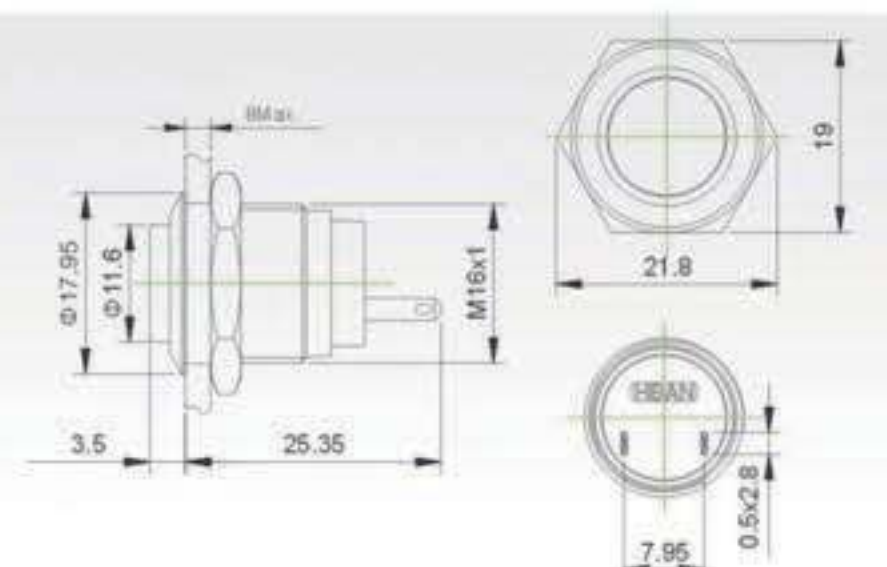


YXGQ16H-10Z/J/

高平钮
High Round



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



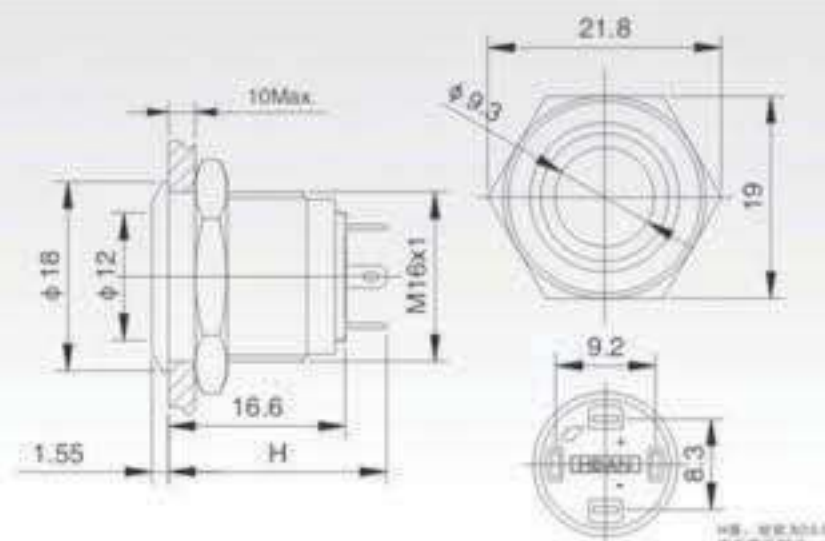
产品规格 Specifications		YXGQ16B-10Z/J/	YXGQ16F-10Z/J/	YXGQ16H-10Z/J/
头部形状 The Front Shape		球形 Domed	平圆形 Flat Round	高平圆形 High Round
尾部配置 Terminal Type		接线插片 Pin Terminal(2×0.5mm)	接线插片 Pin Terminal(2×0.5mm)	接线插片 Pin Terminal(2×0.5mm)
开关型式 Switch Type		X(双断点慢动触头) (Two terminal breakpoints slow moving contact)	X(双断点慢动触头) (Two terminal breakpoints slow moving contact)	X(双断点慢动触头) (Two terminal breakpoints slow moving contact)
开关规格 Switch Specifications		2A/36VDC	2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
绝缘电阻 Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		20万次以上 >200,000 times	20万次以上 >200,000 times	20万次以上 >200,000 times
面板厚度 Panel Thickness		1~6mm	1~6mm	1~6mm
螺母扭矩 Torque		5~14Nm	5~14Nm	5~14Nm
操作压力 Operating Pressure		约about 4N	约about 4N	约about 4N
操作行程 Operating Stroke		约about 1.5mm	约about 1.5mm	约about 1.5mm
防护等级 Protection Degree		IP65,IK08	IP65,IK08	IP65,IK08
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面,CD纹 tainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 tainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 tainless Steel: Mirror Surface, CD Pattern
	外壳 Case	不锈钢:镜面,CD纹,黄铜镀镍 tainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 tainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 tainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass
	基座 Base	PBT	PBT	PBT
RoHS		可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order

YXGQ16F-10E/J/△/▲/○

环形带灯平钮
Ring-illumination flat switch



- 安装孔尺寸: Φ16mm
Mounting Hole Size: Φ16mm
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 带灯方式: 环形
The Front Shape: Ring
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

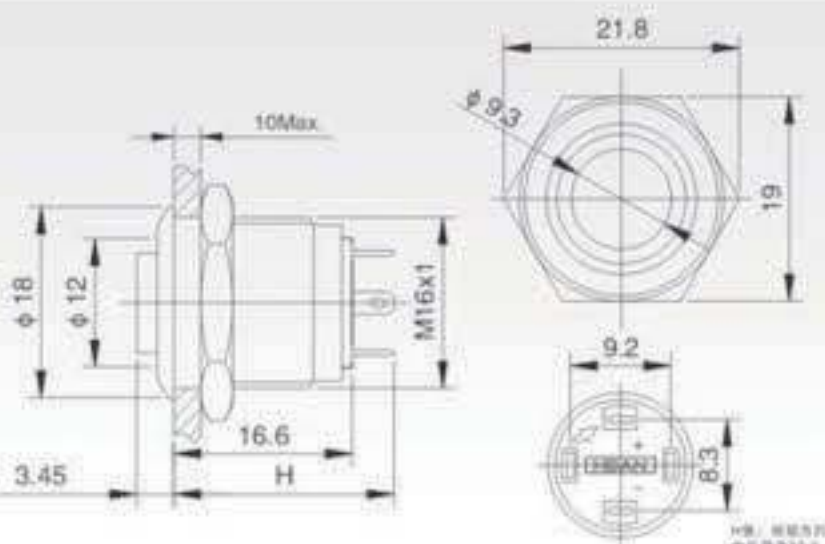


YXGQ16H-10E/J/△/▲/○

环形带灯高钮
Ring-illumination high switch



- 安装孔尺寸: Φ16mm
Mounting Hole Size: Φ16mm
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 带灯方式: 环形高钮
The Front Shape: Ring
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



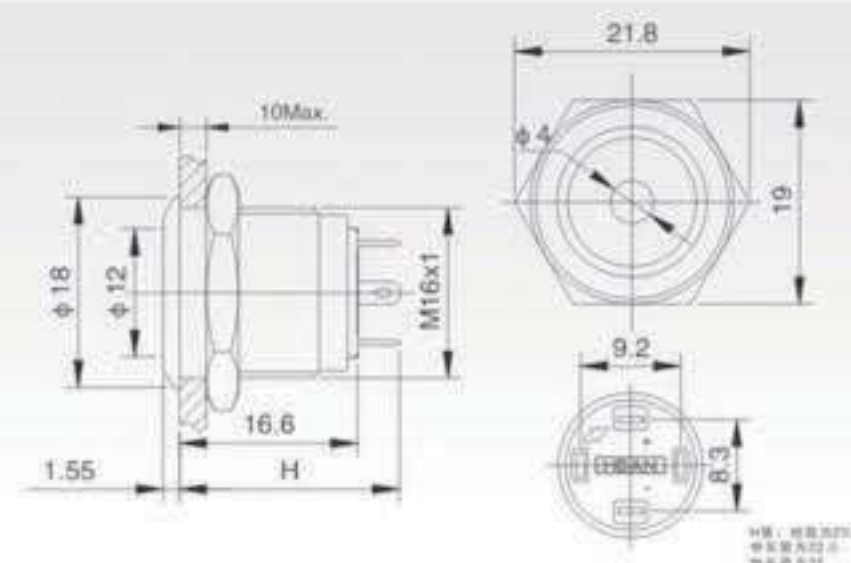
产品规格 Specifications		YXGQ16F-10E/J/△/▲/○			YXGQ16H-10E/J/△/▲/○		
头部形状 The Front Shape		平圆形 Flat Round			高平圆形 High Round		
尾部配置 Terminal Type		接线插片 Pin Terminal(2×0.5mm)			接线插片 Pin Terminal(2×0.5mm)		
开关型式 Switch Type		X(双断点慢动触头) Two terminal breakpoints slow moving contact			X(双断点慢动触头)Two terminal breakpoints slow moving contact		
开关规格 Switch Specifications		2A/36VDC			2A/36VDC		
接触电阻 Contact Resistance		≤50mΩ			≤50mΩ		
绝缘电阻 Insulation Resistance		≥1000MΩ			≥1000MΩ		
绝缘强度 Dielectric Strength		2000VAC			2000VAC		
环境温度 Operating Temperature		-20℃ ~ +55℃			-20℃ ~ +55℃		
机械寿命 Mechanical Life		100万次以上 >1,000,000 times			100万次以上 >1,000,000 times		
电气寿命 Electrical Life		20万次以上 >200,000 times			20万次以上 >200,000 times		
面板厚度 Panel Thickness		1 ~ 10mm			1 ~ 10mm		
螺母扭矩 Torque		5 ~ 14Nm			5 ~ 14Nm		
操作压力 Operating Pressure		约About4N			约About4N		
操作行程 Operating Stroke		约About 1.5mm			约About 1.5mm		
防护等级 Protection Degree		IP65,IK08			IP65,IK08		
材料 Material	触点 Contact	银合金 Silver Alloy			银合金 Silver Alloy		
	按键 Button	不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass			不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass		
	外壳 Case	不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass			不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass		
	基座 Base	PBT			PBT		
	RoHS	可定制 Can be made to order			可定制 Can be made to order		
带灯部分参数 Lamp Parameters	带灯类型 Type	环形带灯(LED) Ring-illumination(LED)			环形带灯(LED) Ring-illumination(LED)		
	额定电压 Rated Voltage	2V/6V/12V/24V/36V			2V/6V/12V/24V/36V		
	灯珠颜色 Color	R G Y O B W			R G Y O B W		
	灯珠寿命 Life	50000小时 Hours			50000小时 Hours		
限流电阻配置表(推荐值) Current Limiting Resistor Configuration Table (Recommended Value)		工作电压 Rated Voltage U	6V	12V	24V	36V	计算公式 Formula $R=\frac{U-U_e}{I_e}$
		限流电阻R Current Limiting Resistor	R Y O	210Ω, 1/4W	510Ω, 1/2W	1.2kΩ, 3/4W	2.2KΩ, 1W
			G B W	160Ω, 1/4W	460Ω, 1/2W	1.2KΩ, 3/4W	2.2KΩ, 1W

YXGQ16F-10D/J/△/▲/○

单点带灯平钮
Dot-illumination flat switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 带灯方式: 单点
The Front Shape: Dot
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

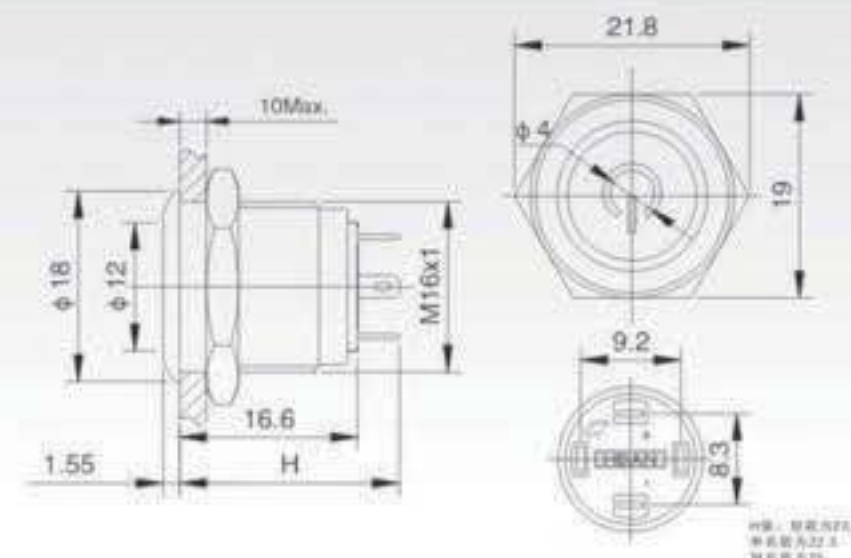


YXGQ16F-10T/J/△/▲/○

环形带灯符号钮
Ring-illumination Switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 带灯方式: 环形、符号带灯
The Front Shape: Ring-illumination Switch
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



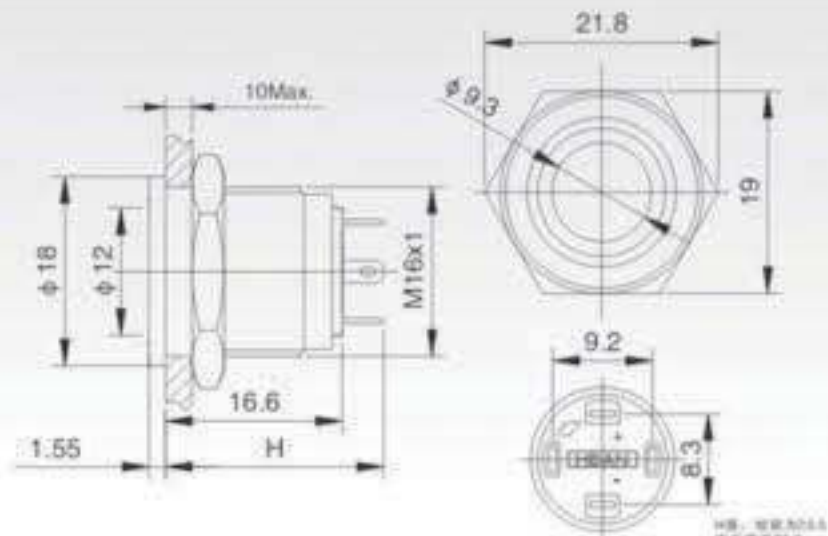
产品规格 Specifications		YXGQ16F-10D/J/△/▲/○			YXGQ16F-10T/J/△/▲/○		
头部形状 The Front Shape		平圆形 Flat Round			平圆形 Flat Round		
尾部配置 Terminal Type		接线插片 Pin Terminal(2×0.5mm)			接线插片 Pin Terminal(2×0.5mm)		
开关型式 Switch Type		X(双断点慢动触头) Two terminal breakpoints slow moving contact			X(双断点慢动触头) Two terminal breakpoints slow moving contact		
开关规格 Switch Specifications		2A/36VDC			2A/36VDC		
接触电阻 Contact Resistance		≤50mΩ			≤50mΩ		
绝缘电阻 Insulation Resistance		≥1000MΩ			≥1000MΩ		
绝缘强度 Dielectric Strength		2000VAC			2000VAC		
环境温度 Operating Temperature		-20℃ ~ +55℃			-20℃ ~ +55℃		
机械寿命 Mechanical Life		100万次以上 >1,000,000 times			100万次以上 >1,000,000 times		
电气寿命 Electrical Life		20万次以上 >200,000 times			20万次以上 >200,000 times		
面板厚度 Panel Thickness		1 ~ 10mm			1 ~ 10mm		
螺母扭矩 Torque		5 ~ 14Nm			5 ~ 14Nm		
操作压力 Operating Pressure		约About 4N			约About 4N		
操作行程 Operating Stroke		约About 1.5mm			约About 1.5mm		
防护等级 Protection Degree		IP65,IK08			IP65,IK08		
材料 Material	触点 Contact	银合金 Silver Alloy			银合金 Silver Alloy		
	按键 Button	不锈钢/镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass			不锈钢/镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass		
	外壳 Case	不锈钢/镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass			不锈钢/镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass		
	底座 Base	PBT			PBT		
带灯部分参数 Lamp Parameters	RoHS	可定制 Can be made to order			可定制 Can be made to order		
	带灯类型 Type	单点带灯 Dot illumination (LED)			环形、符号带灯 Ring-illumination Switch		
	额定电压 Rated Voltage	2V/6V/12V/24V/36V			2V/6V/12V/24V/36V		
	灯珠颜色 Color	R G Y O B W			R G Y O B W		
	灯珠寿命 Life	50000小时 Hours			50000小时 Hours		
限流电阻配置表(推荐值) Current Limiting Resistor Configuration Table (Recommended Value)		工作电压 Rated Voltage U	6V	12V	24V	36V	计算公式 Formula R=U-Ue Ie
		限流电阻R Current Limiting Resistor	R Y O	210Ω, 1/4W	510Ω, 1/2W	1.2kΩ, 3/4W	2.2KΩ, 1W
			G B W	160Ω, 1/4W	460Ω, 1/2W	1.2KΩ, 3/4W	2.2KΩ, 1W

YXGQ16PF-10E/J/△/▲/○

环形带灯平钮
Ring-illumination flat switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 带灯方式: 环形
The Front Shape: Ring
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

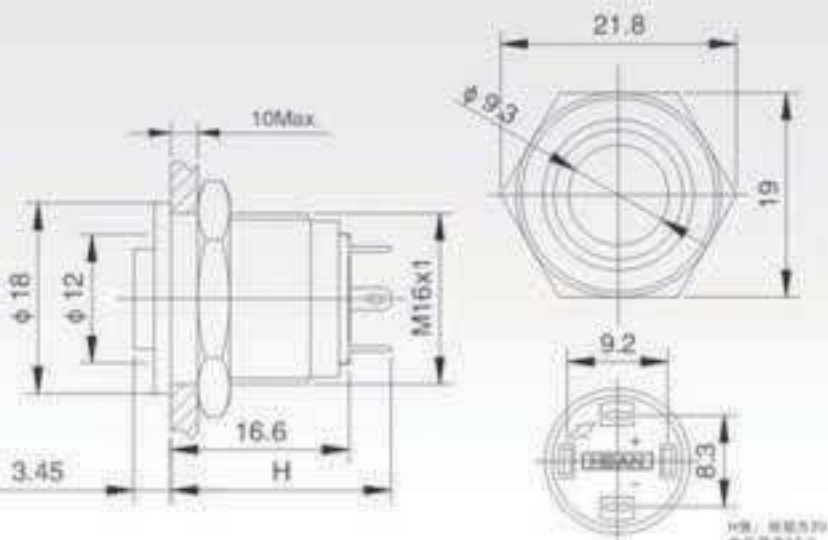


YXGQ16PH-10E/J/△/▲/○

环形带灯高钮
Ring-illumination high switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 带灯方式: 环形高钮
The Front Shape: Ring
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



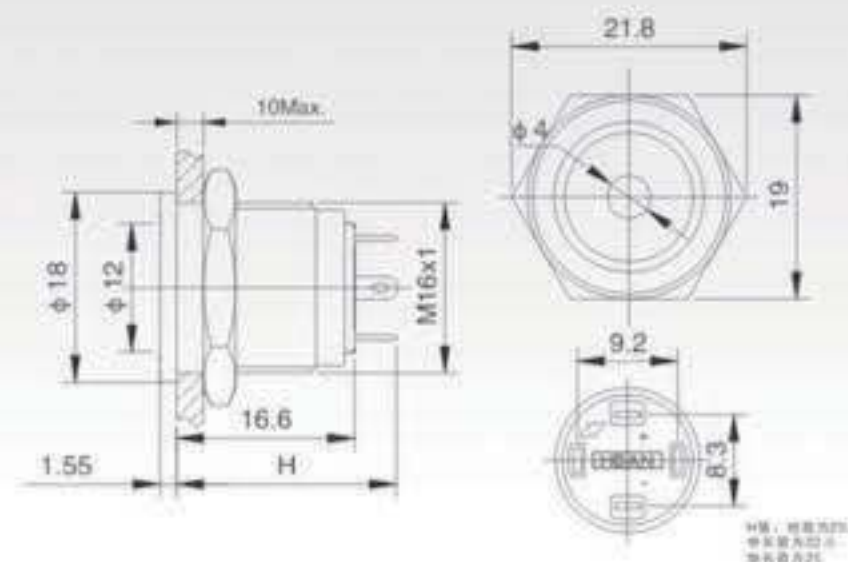
产品规格 Specifications		YXGQ16PF-10E/J/△/▲/○			YXGQ16PH-10E/J/△/▲/○			
头部形状 The Front Shape		平圆形 Flat Round			高平圆形 High Round			
尾部配置 Terminal Type		接线插片 Pin Terminal(2 × 0.5mm)			接线插片 Pin Terminal(2 × 0.5mm)			
开关型式 Switch Type		X(双断点慢动触头) Two terminal breakpoints slow moving contact			X(双断点慢动触头)Two terminal breakpoints slow moving contact			
开关规格 Switch Specifications		2A/36VDC			2A/36VDC			
接触电阻 Contact Resistance		≤50mΩ			≤50mΩ			
绝缘电阻 Insulation Resistance		≥1000MΩ			≥1000MΩ			
绝缘强度 Dielectric Strength		2000VAC			2000VAC			
环境温度 Operating Temperature		-20℃ ~ +55℃			-20℃ ~ +55℃			
机械寿命 Mechanical Life		100万次以上 >1,000,000 times			100万次以上 >1,000,000 times			
电气寿命 Electrical Life		20万次以上 >200,000 times			20万次以上 >200,000 times			
面板厚度 Panel Thickness		1 ~ 10mm			1 ~ 10mm			
螺母扭矩 Torque		5 ~ 14Nm			5 ~ 14Nm			
操作压力 Operating Pressure		约About4N			约About4N			
操作行程 Operating Stroke		约About 1.5mm			约About 1.5mm			
防护等级 Protection Degree		IP65,IK08			IP65,IK08			
材料 Material	触点 Contact	银合金 Silver Alloy			银合金 Silver Alloy			
	按键 Button	不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass			不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass			
	外壳 Case	不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass			不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass			
	基座 Base	PBT			PBT			
	RoHS	可定制 Can be made to order			可定制 Can be made to order			
带灯部分参数 Lamp Parameters	带灯类型 Type	环形带灯(LED) Ring-illumination(LED)			环形带灯(LED) Ring-illumination(LED)			
	额定电压 Rated Voltage	2V/6V/12V/24V/36V			2V/6V/12V/24V/36V			
	灯珠颜色 Color	R G Y O B W			R G Y O B W			
	灯珠寿命 Life	50000小时 Hours			50000小时 Hours			
限流电阻配置表(推荐值) Current Limiting Resistor Configuration Table (Recommended Value)		工作电压 Rated Voltage U	6V	12V	24V	36V	计算公式 Formula R=$\frac{U-U_e}{I_e}$	
		限流电阻R Current Limiting Resistor	R Y O	210Ω, 1/4W	510Ω, 1/2W	1.2kΩ, 3/4W		2.2KΩ, 1W
			G B W	160Ω, 1/4W	460Ω, 1/2W	1.2KΩ, 3/4W		2.2KΩ, 1W

YXGQ16PF-10D/J/△/▲/○

单点带灯平钮
Dot-illumination flat switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 带灯方式: 单点
The Front Shape: Dot
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

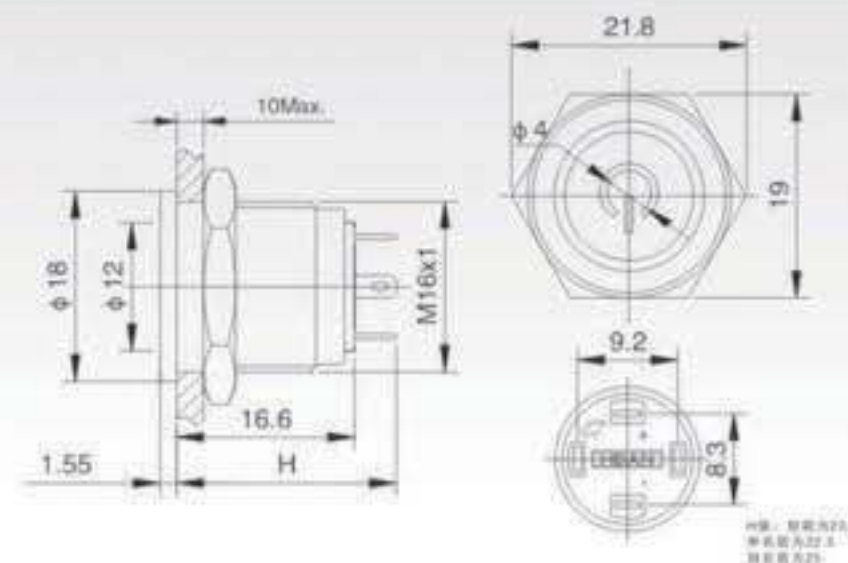


YXGQ16PF-10T/J/△/▲/○

环形带灯符号钮
Ring-illumination Switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 带灯方式: 环形、符号带灯
The Front Shape: Ring-illumination Switch
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



产品规格 Specifications		YXGQ16PF-10D/J/△/▲/◎			YXGQ16PF-10T/J/△/▲/◎		
头部形状 The Front Shape		平圆形 Flat Round			平圆形 Flat Round		
尾部配置 Terminal Type		接线插片 Pin Terminal(2×0.5mm)			接线插片 Pin Terminal(2×0.5mm)		
开关型式 Switch Type		X(双断点慢动触头) Two terminal breakpoints slow moving contact			X(双断点慢动触头) Two terminal breakpoints slow moving contact		
开关规格 Switch Specifications		2A/36VDC			2A/36VDC		
接触电阻 Contact Resistance		≤50mΩ			≤50mΩ		
绝缘电阻 Insulation Resistance		≥1000MΩ			≥1000MΩ		
绝缘强度 Dielectric Strength		2000VAC			2000VAC		
环境温度 Operating Temperature		-20℃~+55℃			-20℃~+55℃		
机械寿命 Mechanical Life		100万次以上 >1,000,000 times			100万次以上 >1,000,000 times		
电气寿命 Electrical Life		20万次以上 >200,000 times			20万次以上 >200,000 times		
面板厚度 Panel Thickness		1~10mm			1~10mm		
螺母扭矩 Torque		5~14Nm			5~14Nm		
操作压力 Operating Pressure		约About 4N			约About 4N		
操作行程 Operating Stroke		约About 1.5mm			约About 1.5mm		
防护等级 Protection Degree		IP65,IK08			IP65,IK08		
材料 Material	触点 Contact	银合金 Silver Alloy			银合金 Silver Alloy		
	按键 Button	不锈钢/镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass			不锈钢/镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass		
	外壳 Case	不锈钢/镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass			不锈钢/镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass		
	底座 Base	PBT			PBT		
带灯部分参数 Lamp Parameters	RoHS	可定制 Can be made to order			可定制 Can be made to order		
	带灯类型 Type	单点带灯 Dot illumination (LED)			环形、符号带灯 Ring-illumination Switch		
	额定电压 Rated Voltage	2V/6V/12V/24V/36V			2V/6V/12V/24V/36V		
	灯珠颜色 Color	R G Y O B W			R G Y O B W		
	灯珠寿命 Life	50000小时 Hours			50000小时 Hours		
限流电阻配置表(推荐值) Current Limiting Resistor Configuration Table (Recommended Value)		工作电压 Rated Voltage U	6V	12V	24V	36V	计算公式 Formula R= U-Ue Ie
		限流电阻R Current Limiting Resistor	R Y O	210Ω, 1/4W	510Ω, 1/2W	1.2kΩ, 3/4W	2.2KΩ, 1W
			G B W	160Ω, 1/4W	460Ω, 1/2W	1.2KΩ, 3/4W	2.2KΩ, 1W

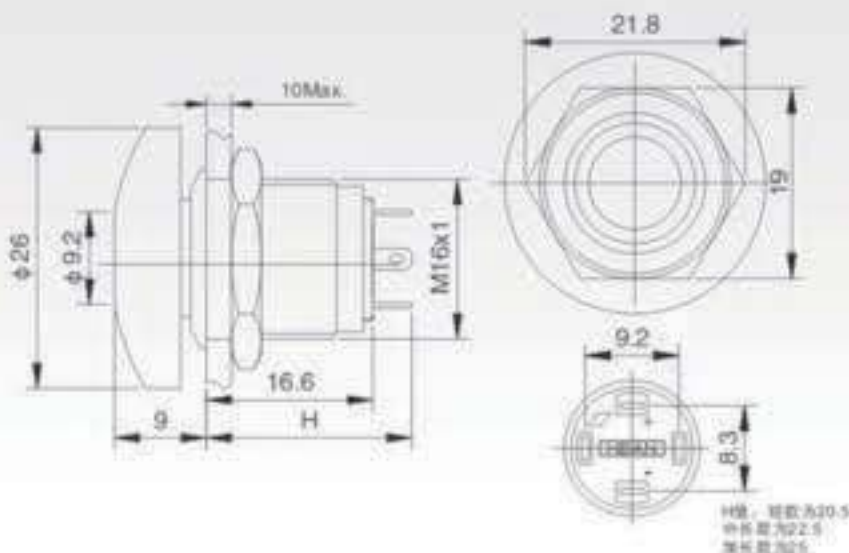
YXGQ16M-10D/J/△/▲/T/★

单点带灯蘑菇钮
Dot-illumination Mushroom push button switch



NEW

- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 单点
The Front Shape: Dot
- 外壳材料: 锌铝合金
The Crust Material: Zn-al Alloy
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



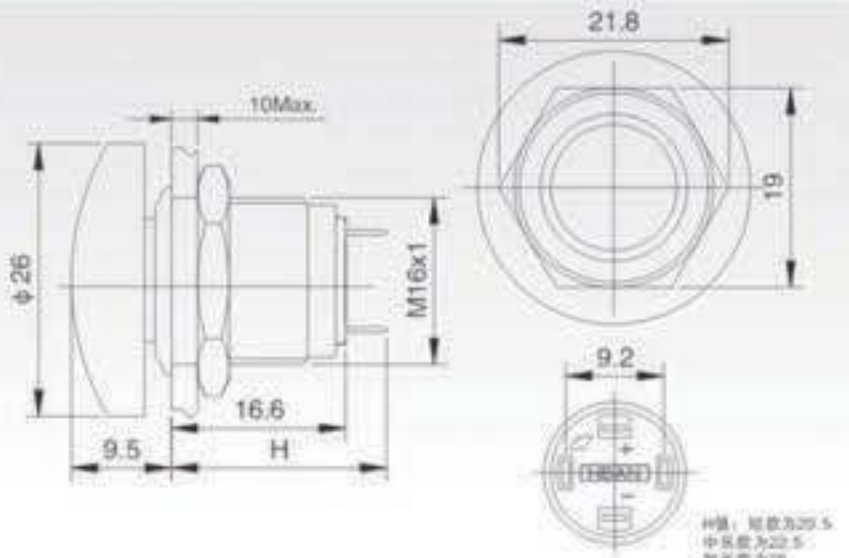
YXGQ16M-10/J/T/★

蘑菇钮
Mushroom switch



NEW

- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 蘑菇形
The Front Shape: Mushroom
- 外壳材料: 锌铝合金
The Crust Material: Zn-al Alloy
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



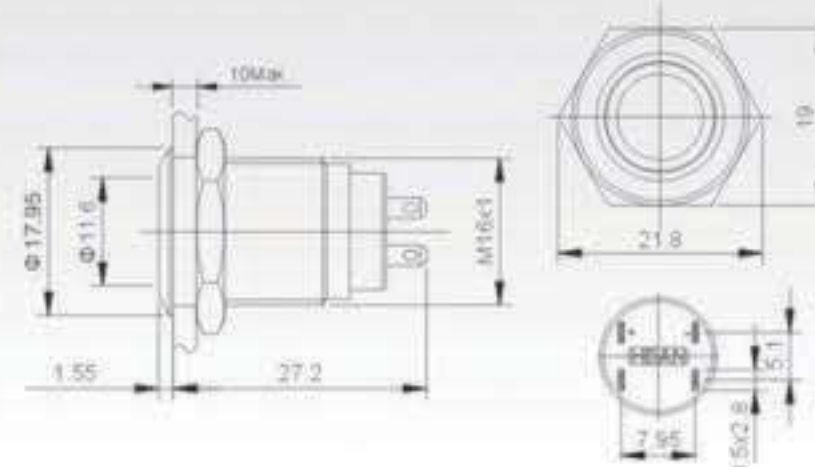
产品规格 Specifications		YXGQ16M-10D/J/△/▲/T/★			YXGQ16M-10/J/T/★			
头部形状 The Front Shape		蘑菇单点 Mushroom Dot			蘑菇 Mushroom Dot			
尾部配置 Terminal Type		接线插片 Pin Terminal(2×0.5mm)			接线插片 Pin Terminal(2×0.5mm)			
开关型式 Switch Type		X(双断点慢动触头)Two terminal breakpoints slow moving contact			X(双断点慢动触头)Two terminal breakpoints slow moving contact			
开关规格 Switch Specifications		2A/36VDC			2A/36VDC			
接触电阻 Contact Resistance		≤50mΩ			≤50mΩ			
绝缘电阻 Insulation Resistance		≥1000MΩ			≥1000MΩ			
绝缘强度 Dielectric Strength		2000VAC			2000VAC			
环境温度 Operating Temperature		-20℃~+55℃			-20℃~+55℃			
机械寿命 Mechanical Life		100万次以上 >1,000,000 times			100万次以上 >1,000,000 times			
电气寿命 Electrical Life		20万次以上 >200,000 times			20万次以上 >200,000 times			
面板厚度 Panel Thickness		1~10mm			1~10mm			
螺母扭矩 Torque		5~14Nm			5~14Nm			
操作压力 Operating Pressure		约About4N			约About4N			
操作行程 Operating Stroke		约About 1.5mm			约About 1.5mm			
防护等级 Protection Degree		IP65,IK08			IP65,IK08			
材料 Material	触点 Contact	银合金 Silver Alloy			银合金 Silver Alloy			
	按键 Button	锌铝合金(彩色头部) Zn-al Alloy (Colorful head)			锌铝合金(彩色头部) Zn-al Alloy (Colorful head)			
	外壳 Case	锌铝合金(银白) Zn-al Alloy (Silver white)			锌铝合金(银白) Zn-al Alloy (Silver white)			
	基座 Base	PBT			PBT			
	RoHS	可定制 Can be made to order			可定制 Can be made to order			
带灯部分参数 Lamp Parameters	带灯类型 Type	单点带灯 Dot illumination (LED)			-			
	额定电压 Rated Voltage	2V/6V/12V/24V/36V			-			
	灯珠颜色 Color	R G Y O B W			-			
	灯珠寿命 Life	Hours			50000小时			
限流电阻配置表(推荐值) Current Limiting Resistor Configuration Table (Recommended Value)		工作电压 Rated Voltage U	6V	12V	24V	36V	计算公式 Formula R=$\frac{U-U_e}{I_e}$	
		限流电阻R Current Limiting Resistor	R Y O	210Ω, 1/4W	510Ω, 1/2W	1.2kΩ, 3/4W		2.2KΩ, 1W
			G B W	160Ω, 1/4W	460Ω, 1/2W	1.2KΩ, 3/4W		2.2KΩ, 1W

YXGQ16F-10EZ/J/△/▲/○

环形带灯平钮
Ring-illumination flat switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 带灯方式: 环形
The Front Shape: Ring
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08

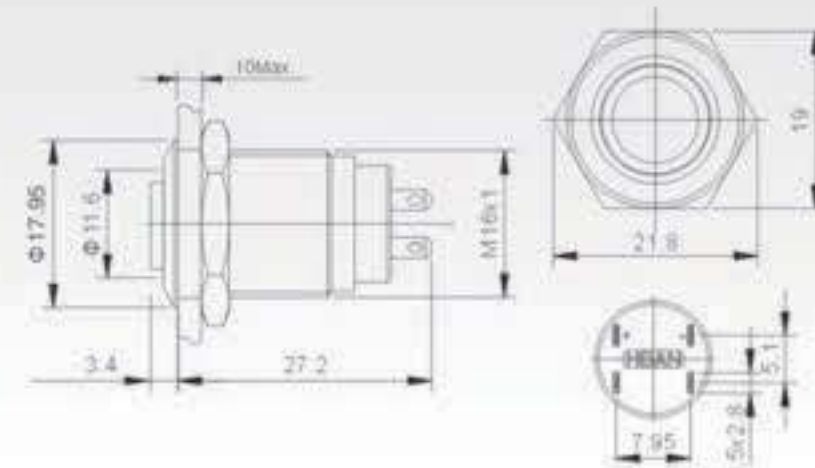


YXGQ16H-10EZ/J/△/▲/○

环形带灯高钮
Ring-illumination high switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 带灯方式: 环形高钮
The Front Shape: Ring
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



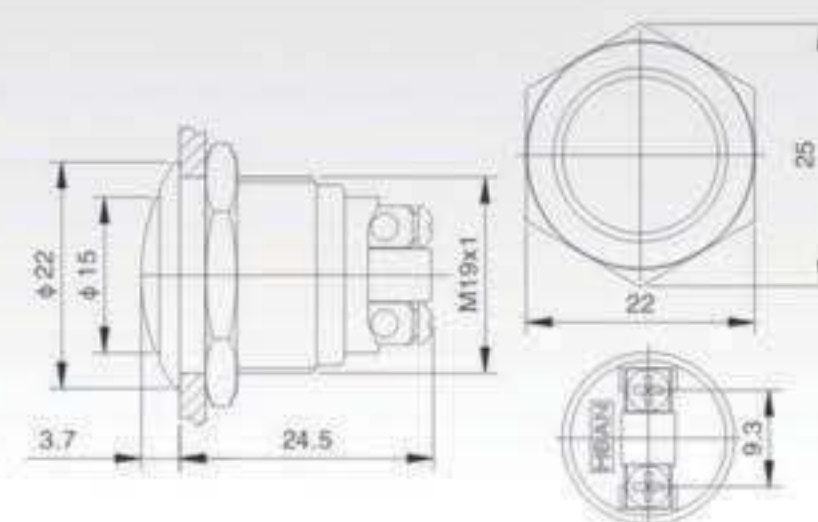
产品规格 Specifications		YXGQ16F-10EZ/J/△/▲/○				YXGQ16H-10EZ/J/△/▲/○						
头部形状 The Front Shape		平圆形 Flat Round				高平圆形 High Round						
尾部配置 Terminal Type		接线插片 Pin Terminal(2 × 0.5mm)				接线插片 Pin Terminal(2 × 0.5mm)						
开关型式 Switch Type		X(双断点慢动触头) Two terminal breakpoints slow moving contact				X(双断点慢动触头)Two terminal breakpoints slow moving contact						
开关规格 Switch Specifications		2A/36VDC				2A/36VDC						
接触电阻 Contact Resistance		≤50mΩ				≤50mΩ						
绝缘电阻 Insulation Resistance		≥1000MΩ				≥1000MΩ						
绝缘强度 Dielectric Strength		2000VAC				2000VAC						
环境温度 Operating Temperature		-20℃ ~ +55℃				-20℃ ~ +55℃						
机械寿命 Mechanical Life		100万次以上 >1,000,000 times				100万次以上 >1,000,000 times						
电气寿命 Electrical Life		20万次以上 >200,000 times				20万次以上 >200,000 times						
面板厚度 Panel Thickness		1 ~ 10mm				1 ~ 10mm						
螺母扭矩 Torque		5 ~ 14Nm				5 ~ 14Nm						
操作压力 Operating Pressure		约About4N				约About4N						
操作行程 Operating Stroke		约About 1.5mm				约About 1.5mm						
防护等级 Protection Degree		IP65,IK08				IP65,IK08						
材料 Material	触点 Contact	银合金 Silver Alloy				银合金 Silver Alloy						
	按键 Button	不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass				不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass						
	外壳 Case	不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass				不锈钢镜面, CD纹, 黄铜镀镍Stainless Steel: Mirror Surface, CDPattern, Nickel-plated Brass						
	底座 Base	PBT				PBT						
	RoHS	可定制 Can be made to order				可定制 Can be made to order						
带灯部分参数 Lamp Parameters	带灯类型 Type	环形带灯(LED) Ring-illumination(LED)				环形带灯(LED) Ring-illumination(LED)						
	额定电压 Rated Voltage	2V/6V/12V/24V/36V				2V/6V/12V/24V/36V						
	灯珠颜色 Color	R G Y O B W				R G Y O B W						
	灯珠寿命 Life	50000小时 Hours				50000小时 Hours						
限流电阻配置表(推荐值) Current Limiting Resistor Configuration Table (Recommended Value)		工作电压 Rated Voltage U		6V		12V		24V		36V		计算公式 Formula R= U-Ue le
		限流电阻R Current Limiting Resistor	R Y O	210Ω, 1/4W		510Ω, 1/2W		1.2kΩ, 3/4W		2.2KΩ, 1W		
		G B W	160Ω, 1/4W		460Ω, 1/2W		1.2KΩ, 3/4W		2.2KΩ, 1W			

YXGQ19B-10/

球形钮
Domed



- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Crust Material: Stainless Steel, Nickel-plated Brass or Gold-plated Brass
- 防护等级: IP65,IK09
Protection Degree: IP65,IK09

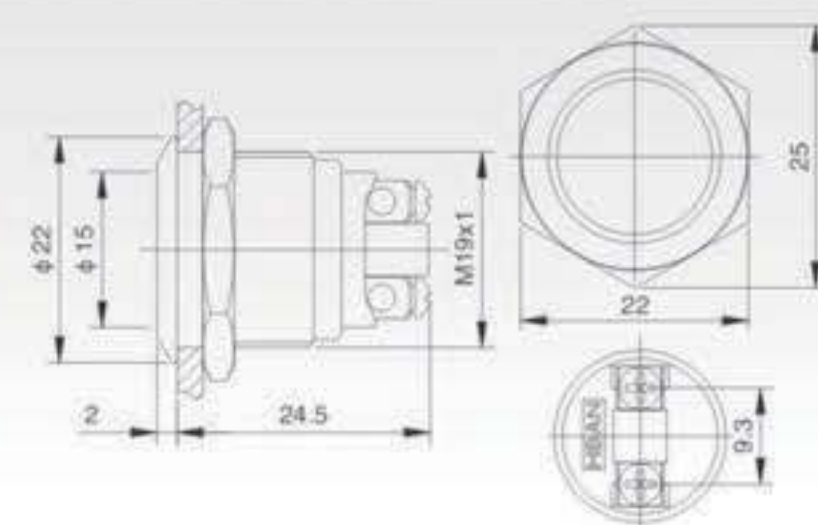


YXGQ19F-10/

平钮
Flat Round



- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 平圆形
The Front Shape: Flat round
- 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Crust Material: Stainless Steel, Nickel-plated Brass or Gold-plated Brass
- 防护等级: IP65,IK09
Protection Degree: IP65,IK09

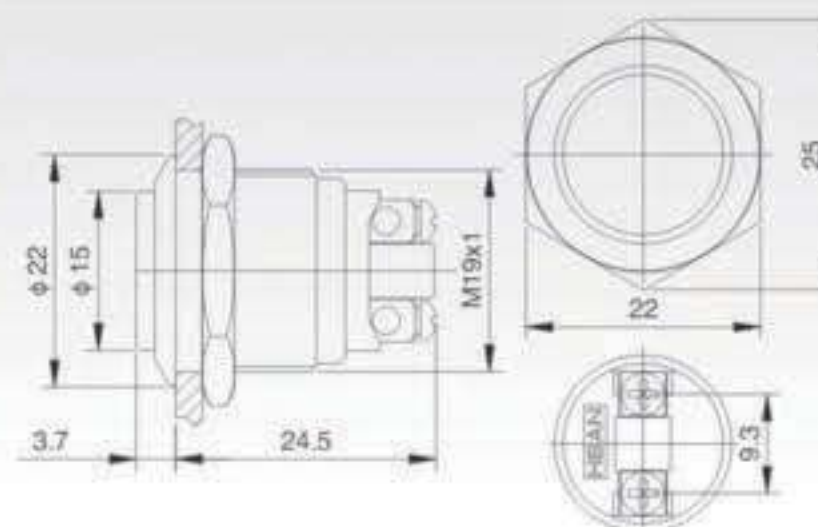


YXGQ19H-10/

高平钮
High Round



- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Crust Material: Stainless Steel, Nickel-plated Brass or Gold-plated Brass
- 防护等级: IP65,IK09
Protection Degree: IP65,IK09



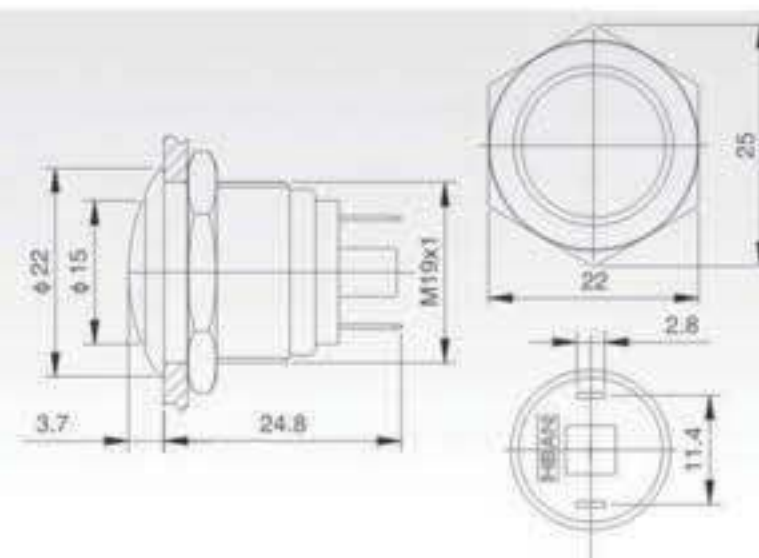
产品规格 Specifications		YXGQ19B-10/	YXGQ19F-10/	YXGQ19H-10/
头部形状 The Front Shape		球形 Domed	平圆形 Domed	高平圆形 Domed
尾部配置 Terminal Type		接线柱 Screw Terminal	接线柱 Screw Terminal	接线柱 Screw Terminal
开关型式 Switch Type		X(双断点慢动触头) Two terminal breakpoints slow moving contact	X(双断点慢动触头) Two terminal breakpoints slow moving contact	X(双断点慢动触头) Two terminal breakpoints slow moving contact
开关规格 Switch Specifications		2A/36VDC	2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
绝缘电阻 Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		20万次以上 >200,000 times	20万次以上 >200,000 times	20万次以上 >200,000 times
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约About 4N	约About 4N	约About 4N
操作行程 Operating Stroke		约About 1.8mm	约About 1.8mm	约About 1.8mm
防护等级 Protection Degree		IP65,IK09	IP65,IK09	IP65,IK09
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern
	外壳 Case	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass
	基座 Base	PBT	PBT	PBT
RoHS		可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order

© YXGQ19B-10/J/©

球形钮
Domed



- ④ 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- ④ 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- ④ 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- ④ 操作类型: 自复式
Operation Type: Momentary
- ④ 头部形状: 球形
The Front Shape: Domed
- ④ 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Crust Material: Stainless Steel Nickel-plated Brass or Gold-plated Brass
- ④ 防护等级: IP65,IK09
Protection Degree: IP65,IK09

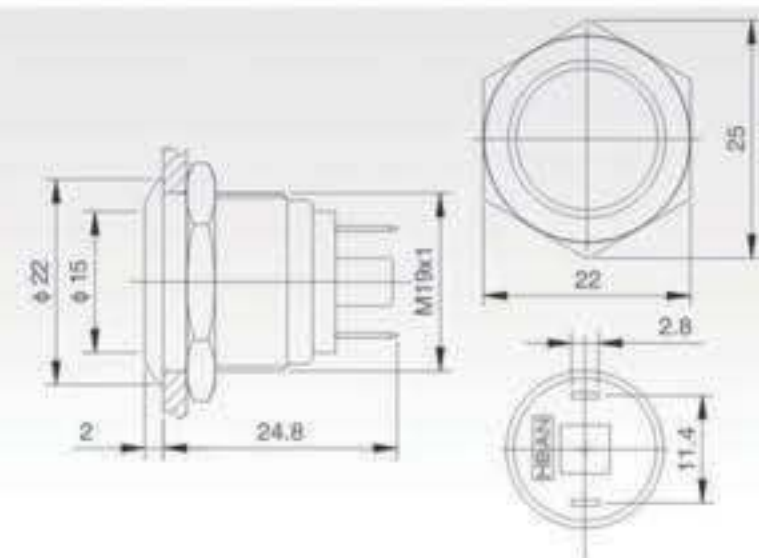


◎ YXGQ19F-10/J/◎

平鈕
Flat Round



- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 平面形
The Front Shape: Flat round
- 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Cusht Material: Stainless Steel, Nickel-plated Brass or Gold-plated Brass
- 防护等级: IP65,IK09
Protection Degree: IP65,IK09

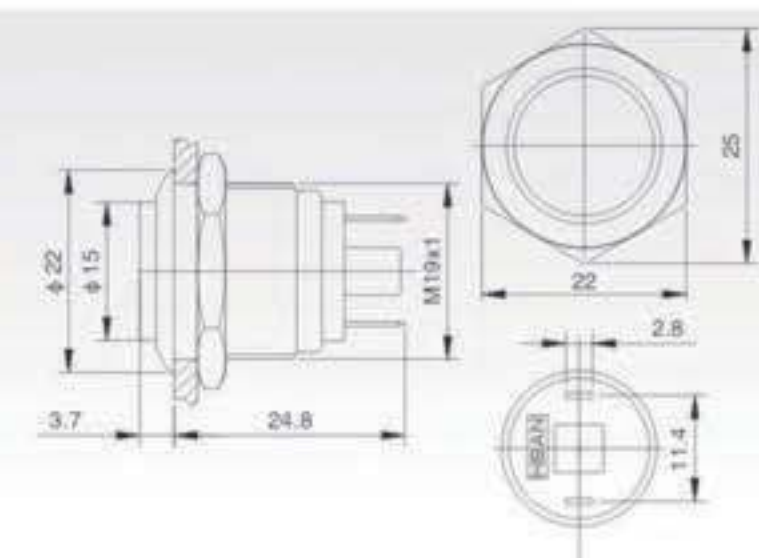


◎ YXGQ19H-10/J/◎

高平钮
High Round



- ② 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- ② 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- ② 开关组合: 1NO(可定制1NC)
Contact Configuration: 1NO(1NC can be custom made)
- ② 操作类型: 自复式
Operation Type: Momentary
- ② 头部形状: 高平圆形
The Front Shape: High Round
- ② 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Crust Material: Stainless Steel, Nickel-plated Brass or Gold-plated Brass
- ② 防护等级: IP65,IK09
Protection Degree: IP65,IK09

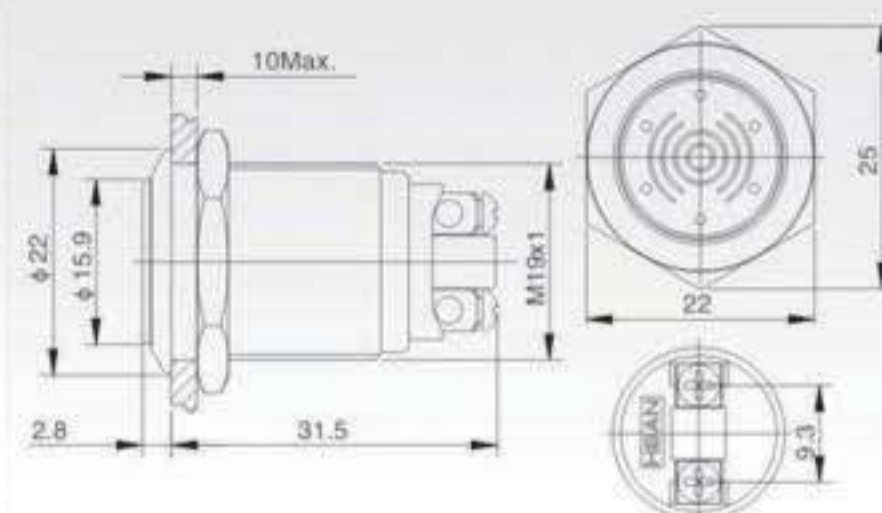


产品规格 Specifications		YXGQ19B-10/J/◎	YXGQ19F-10/J/◎	YXGQ19H-10/J/◎
头部形状 The Front Shape		球形 Domed	平圆形 Domed	高平圆形 Domed
尾部配置 Terminal Type		接线插片 Pin Terminal(2.8×0.5mm)	接线插片 Pin Terminal(2.8×0.5mm)	接线插片 Pin Terminal(2.8×0.5mm)
开关型式 Switch Type		X(双断点慢动触头)Two terminal breakpoints slow moving contact	X(双断点慢动触头)Two terminal breakpoints slow moving contact	X(双断点慢动触头)Two terminal breakpoints slow moving contact
开关规格 Switch Specifications		2A/36VDC	2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		≤50mΩ	≤50mΩ	≤50mΩ
绝缘电阻 Insulation Resistance		≥1000MΩ	≥1000MΩ	≥1000MΩ
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
机械寿命 Mechanical Life		100万次以上>1,000,000 times	100万次以上>1,000,000 times	100万次以上>1,000,000 times
电气寿命 Electrical Life		20万次以上>200,000 times	20万次以上>200,000 times	20万次以上>200,000 times
面板厚度 Panel Thickness		1~10mm	1~10mm	1~10mm
螺母扭矩 Torque		5~14Nm	5~14Nm	5~14Nm
操作压力 Operating Pressure		约About 4N	约About 4N	约About 4N
操作行程 Operating Stroke		约About 1.8mm	约About 1.8mm	约About 1.8mm
防护等级 Protection Degree		IP65,IK09	IP65,IK09	IP65,IK09
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern
	外壳 Case	不锈钢:镜面, CD纹, 黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面, CD纹, 黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面, CD纹, 黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass
	基座 Base	PBT	PBT	PBT
	RoHS	可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order

YXGQ19-EM/△/▲/



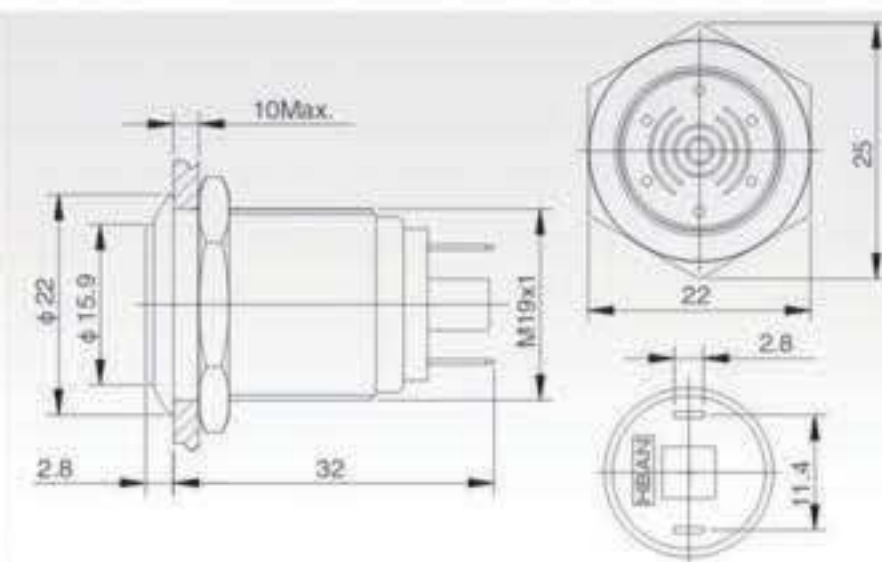
- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 额定电压: DC12V/DC24VAC
Rated Voltage: DC12V/DC24VAC
- 发音类型: 蜂鸣/带灯蜂鸣
Pronunciation Type: Buzzer/Buzzer with illumination:
- 声音强度: $\geq 85\text{dB}(1\text{m})$
Sound Intensity: $\geq 85\text{dB}(1\text{m})$
- 外壳材料: 不锈钢
Crust Material: Stainless Steel
- 防护等级: IP50,IK04
Protection Degree: IP50,IK04



YXGQ19-EM/J/△/▲/



- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 额定电压: DC12V/DC24VAC
Rated Voltage: DC12V/DC24VAC
- 发音类型: 蜂鸣/带灯蜂鸣
Pronunciation Type: Buzzer/Buzzer with illumination:
- 声音强度: $\geq 85\text{dB}(1\text{m})$
Sound Intensity: $\geq 85\text{dB}(1\text{m})$
- 外壳材料: 不锈钢
Crust Material: Stainless Steel
- 防护等级: IP50,IK04
Protection Degree: IP50,IK04



产品规格 Specifications		YXGQ19-EM/△/▲	YXGQ19-EM/J/△/▲
头部形状 The Front Shape		平圆形孔状 Flat Round with holes	平圆形孔状 Flat Round with holes
尾部配置 Terminal Type		接线柱 Screw Terminal	接线插片 Pin Terminal(2.8 × 0.5mm)
开关型式 Switch Type		—	—
开关规格 Switch Specifications		—	—
接触电阻 Contact Resistance		—	—
绝缘电阻 Insulation Resistance		—	—
绝缘强度 Dielectric Strength		2000VAC	2000VAC
环境温度 Operating Temperature		-20℃ ~ +55℃	-20℃ ~ +55℃
机械寿命 Mechanical Life		—	—
电气寿命 Electrical Life		—	—
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		—	—
操作行程 Operating Stroke		—	—
防护等级 Protection Degree		IP50,IK04	IP50,IK04
材料 Material	触点 Contact	—	—
	按键 Button	不锈钢 Stainless Steel	不锈钢 Stainless Steel
	外壳 Case	不锈钢 Stainless Steel	不锈钢 Stainless Steel
	基座 Base	PBT	PBT
	RoHS	可定制 Can be made to order	可定制 Can be made to order
蜂鸣器参数	类型 Type	蜂鸣/带灯蜂鸣 Buzzing/Buzzer with illumination	蜂鸣/带灯蜂鸣 Buzzing/Buzzer with illumination
	额定电压 Rated Voltage	DC12V/DC24V	DC12V/DC24V
	带灯颜色 Lamp Color	R G Y O B W	R G Y O B W
	声音强度 Sound Intensity	$\geq 85\text{dB} (1\text{m})$	$\geq 85\text{dB} (1\text{m})$

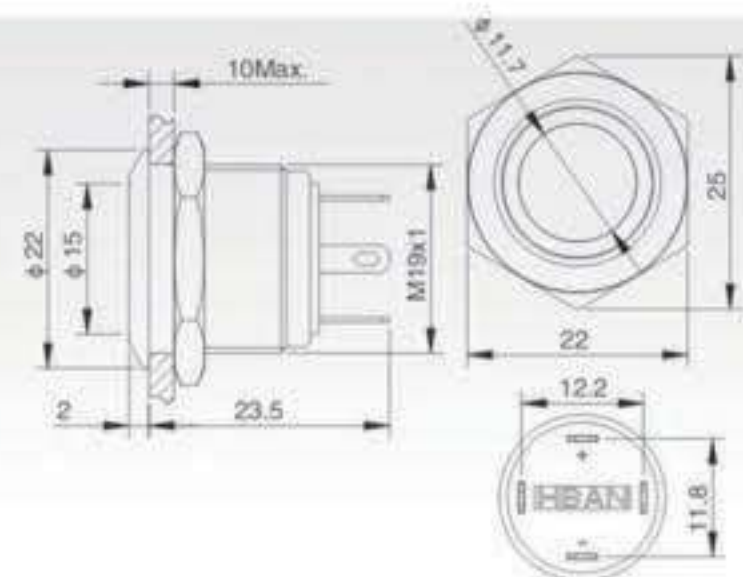
YXGQ19F-10E/J/△/▲/◎

环形带灯平钮
Ring-illumination flat switch



NEW

- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 带灯方式: 环形
The Front Shape: Ring
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



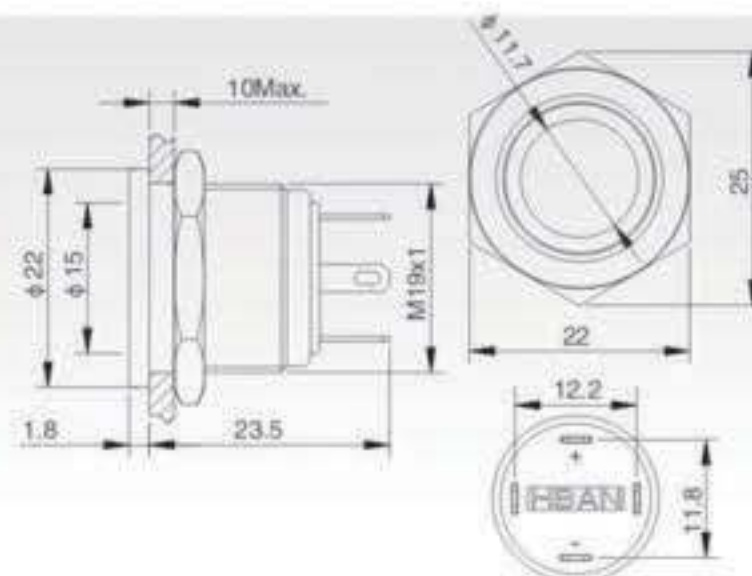
YXGQ19P-10E/J/△/▲/T

环形带灯平钮
Ring-illumination flat switch



NEW

- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO(1NC can be custom made)
- 操作类型: 自复式
Operation Type: Momentary
- 外壳材料: 不锈钢/黄铜镀镍/锌铝合金
The Crust Material: Stainless Steel, Nickel-plated Brass, Zn-al Alloy(Silver white)
- 带灯方式: 环形
The Front Shape: Ring
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



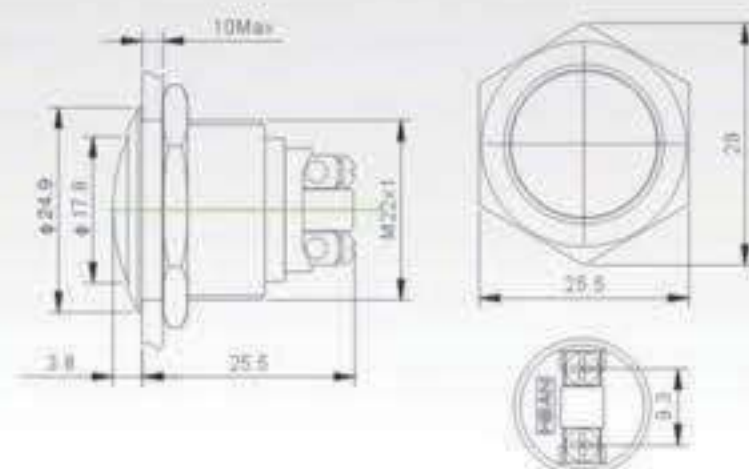
产品规格 Specifications		YXGQ19F-10E/J/△/▲/◎	YXGQ19P-10E/J/△/▲/T
尾部配置 Terminal Type		接线插片Pin Terminal(2.8×0.5mm)	接线插片Pin Terminal(2.8×0.5mm)
开关型式 Switch Type		X(双断点慢动触头)Two terminal breakpoints slow moving contact	X(双断点慢动触头)Two terminal breakpoints slow moving contact
开关规格 Switch Specifications		2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
绝缘电阻 Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
绝缘强度 Dielectric Strength		2000VAC	2000VAC
环境温度 Operating Temperature		-20℃ ~ +55℃	-20℃ ~ +55℃
机械寿命 Mechanical Life		100万次以上>1,000,000 times	100万次以上>1,000,000 times
电气寿命 Electrical Life		20万次以上>200,000 times	20万次以上>200,000 times
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约About 4N	约About 4N
操作行程 Operating Stroke		约About 1.8mm	约About 1.8mm
防护等级 Protection Degree		IP65,IK08	IP65,IK08
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面, CD纹 Stainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面, CD纹, 锌铝合金 Stainless Steel: Mirror Surface, CD Pattern, Zn-al Alloy
	外壳 Case	不锈钢:黄铜镀镍 Stainless Steel, Nickel-plated Brass	不锈钢:黄铜镀镍:锌铝合金 Stainless Steel, Nickel-plated Brass, Zn-al Alloy
	底座 Base	PBT	PBT
带灯部分参数 Lamp Parameters	RoHS	可定制 Can be made to order	可定制 Can be made to order
	带灯类型 Type	环形带灯(LED) Ring-illumination(LED)	环形带灯(LED) Ring-illumination(LED)
	额定电压 Rated Voltage	2V/6V/12V/24V/36V	2V/6V/12V/24V/36V
	灯珠颜色 Color	R G B Y O W	R G B Y O W
限流电阻配置表(推荐值) Current Limiting Resistor Configuration Table (Recommended Value)	灯珠寿命 Life	50000小时 Hours	50000小时 Hours
	工作电压 Rated Voltage U	6V	12V
限流电阻R Current Limiting Resistor	R G B Y O W	210Ω, 1/4W	510Ω, 1/2W
	R G B Y O W	160Ω, 1/4W	460Ω, 1/2W
		24V	36V
		1.2kΩ, 3/4W	2.2KΩ, 1W
		1.2KΩ, 3/4W	2.2KΩ, 1W
		计算公式 Formula $R = \frac{U - U_e}{I_e}$	

YXGQ22B-10/

球形钮
Domed button



- 安装孔尺寸: $\Phi 22\text{mm}$
Mounting Hole Size: $\Phi 22\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Crust Material: Stainless Steel, Nickel-plated Brass or Gold-plated Brass
- 防护等级: IP65,IK09
Protection Degree: IP65,IK09

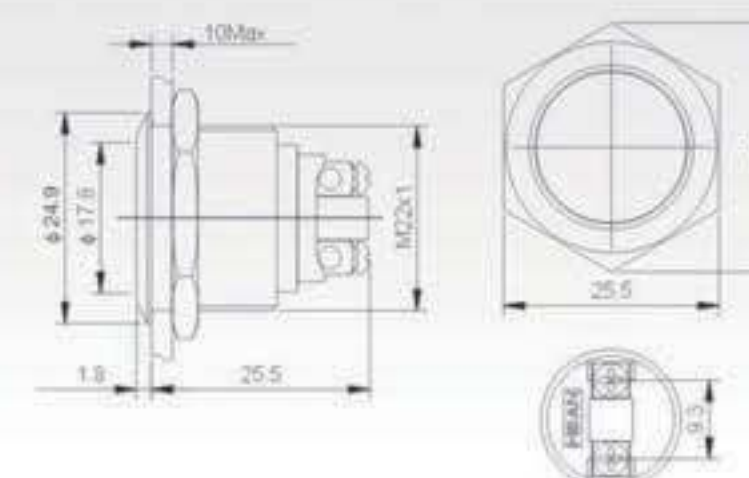


YXGQ22F-10/

平钮
Flat round button



- 安装孔尺寸: $\Phi 22\text{mm}$
Mounting Hole Size: $\Phi 22\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 平圆形
The Front Shape: Flat round
- 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Crust Material: Stainless Steel, Nickel-plated Brass or Gold-plated Brass
- 防护等级: IP65,IK09
Protection Degree: IP65,IK09

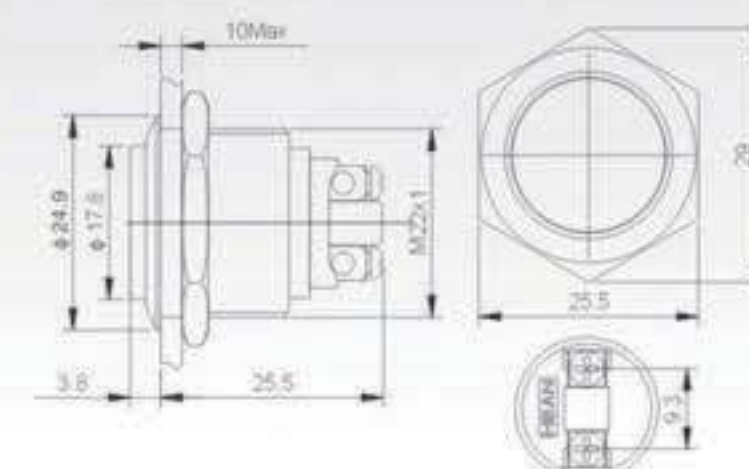


YXGQ22H-10/

高平钮
High round switch



- 安装孔尺寸: $\Phi 22\text{mm}$
Mounting Hole Size: $\Phi 22\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Crust Material: Stainless Steel, Nickel-plated Brass or Gold-plated Brass
- 防护等级: IP65,IK09
Protection Degree: IP65,IK09



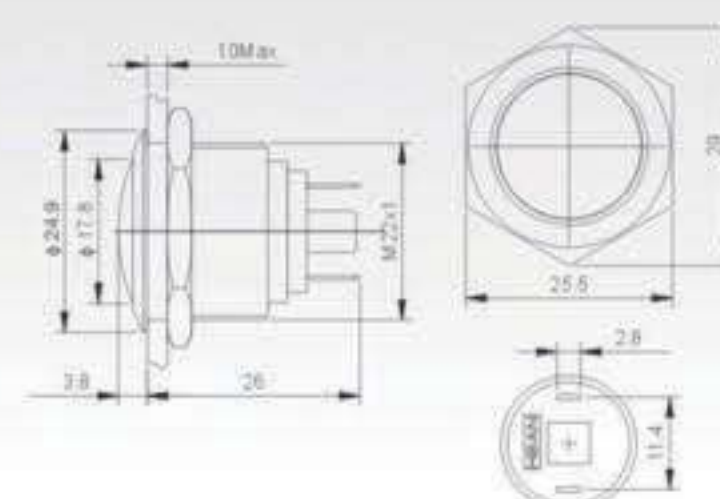
产品规格 Specifications		YXGQ22B-10/	YXGQ22F-10/	YXGQ22H-10/
头部形状 The Front Shape		球形 Domed	平圆形 Domed	高平圆形 Domed
尾部配置 Terminal Type		接线柱 Screw Terminal	接线柱 Screw Terminal	接线柱 Screw Terminal
开关型式 Switch Type		X(双断点慢动触头) Two terminal breakpoints slow moving contact	X(双断点慢动触头) Two terminal breakpoints slow moving contact	X(双断点慢动触头) Two terminal breakpoints slow moving contact
开关规格 Switch Specifications		2A/36VDC	2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
绝缘电阻 Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		20万次以上 >200,000 times	20万次以上 >200,000 times	20万次以上 >200,000 times
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约About4N	约About4N	约About4N
操作行程 Operating Stroke		约About 1.8mm	约About 1.8mm	约About 1.8mm
防护等级 Protection Degree		IP65,IK09	IP65,IK09	IP65,IK09
材料	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面,CD纹 stainless Steel; Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel; Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel; Mirror Surface, CD Pattern
	外壳 Case	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel; Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel; Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel; Mirror Surface, CD Pattern Nickel-plated Brass
	基座 Base	PBT	PBT	PBT
RoHS		可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order

YXGQ22B-10/J/

球形钮
Domed button



- 安装孔尺寸: $\Phi 22\text{mm}$
Mounting Hole Size: $\Phi 22\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 球形
The Front Shape: Domed
- 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Crust Material: Stainless Steel, Nickel-plated Brass or Gold-plated Brass
- 防护等级: IP65,IK09
Protection Degree: IP65,IK09

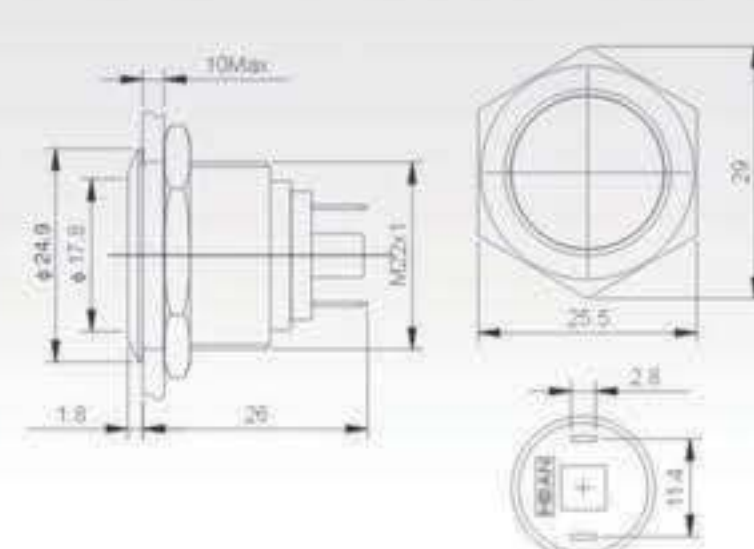


YXGQ22F-10/J/

平钮
Flat round button



- 安装孔尺寸: $\Phi 22\text{mm}$
Mounting Hole Size: $\Phi 22\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 平圆形
The Front Shape: Flat round
- 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Crust Material: Stainless Steel, Nickel-plated Brass or Gold-plated Brass
- 防护等级: IP65,IK09
Protection Degree: IP65,IK09

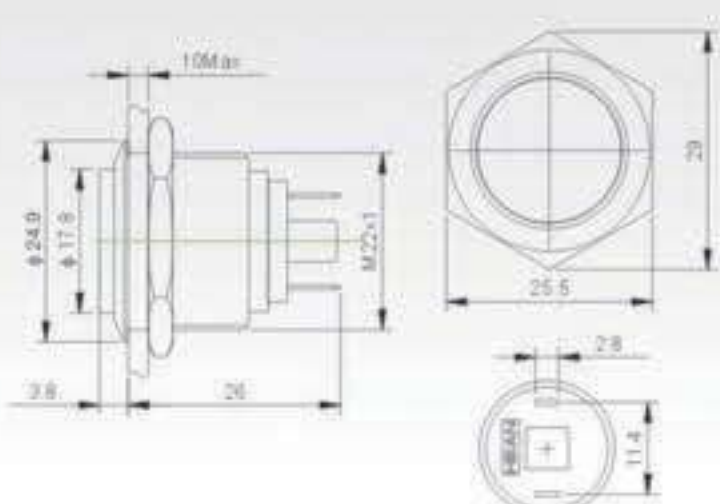


YXGQ22H-10/J/

高平钮
High round switch



- 安装孔尺寸: $\Phi 22\text{mm}$
Mounting Hole Size: $\Phi 22\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜(镀镍或镀金)
The Crust Material: Stainless Steel, Nickel-plated Brass or Gold-plated Brass
- 防护等级: IP65,IK09
Protection Degree: IP65,IK09

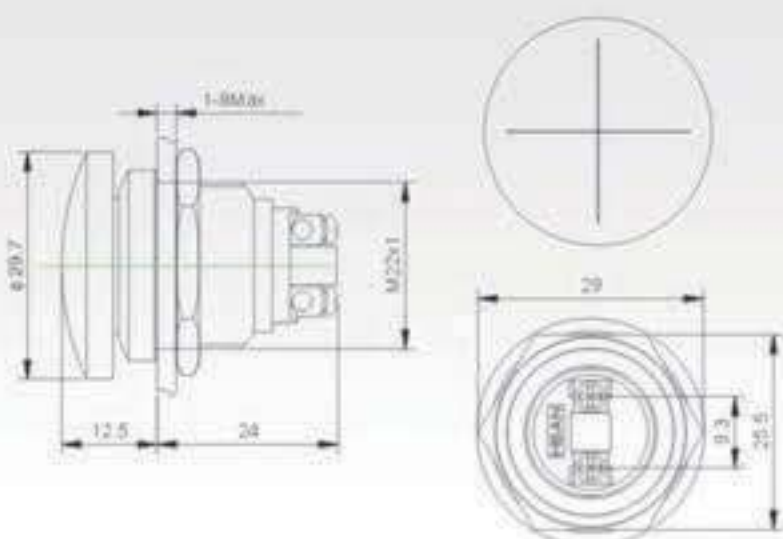


产品规格 Specifications		YXGQ22B-10/J/	YXGQ22F-10/J/	YXGQ22H-10/J/
头部形状 The Front Shape		球形 Domed	平圆形 Domed	高平圆形 Domed
尾部配置 Terminal Type		接线插片 Pin Terminal(2.8 × 0.5mm)	接线插片 Pin Terminal(2.8 × 0.5mm)	接线插片 Pin Terminal(2.8 × 0.5mm)
开关型式 Switch Type		X(双断点慢动触头) Two terminal breakpoints slow moving contact	X(双断点慢动触头) Two terminal breakpoints slow moving contact	X(双断点慢动触头) Two terminal breakpoints slow moving contact
开关规格 Switch Specifications		2A/36VDC	2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		≤50mΩ	≤50mΩ	≤50mΩ
绝缘电阻 Insulation Resistance		≥1000MΩ	≥1000MΩ	≥1000MΩ
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		-20℃ ~ +55℃	-20℃ ~ +55℃	-20℃ ~ +55℃
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		20万次以上 >200,000 times	20万次以上 >200,000 times	20万次以上 >200,000 times
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约About4N	约About4N	约About4N
操作行程 Operating Stroke		约About 1.8mm	约About 1.8mm	约About 1.8mm
防护等级 Protection Degree		IP65,IK09	IP65,IK09	IP65,IK09
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern
	外壳 Case	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass
	基座 Base	PBT	PBT	PBT
RoHS		可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order

YXGQ22M-10/△/▲/★



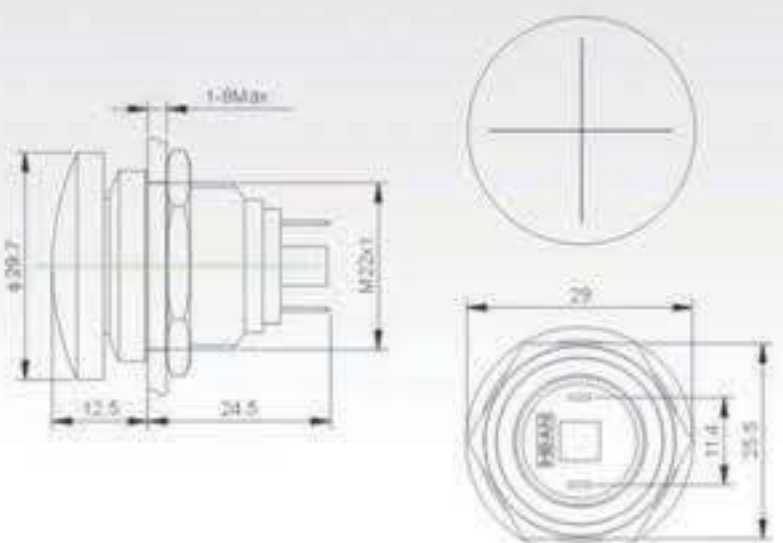
- 安装孔尺寸: $\Phi 22\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 蘑菇形
The Front Shape: Mushroom
- 外壳材料: 锌铝合金
The Crust Material: Zn-al Alloy
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



YXGQ22M-10/J/★



- 安装孔尺寸: $\Phi 22\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 2A/36VDC
Switch Rating: 2A/36VDC
- 开关组合: 1NO
Contact Configuration: 1NO
- 操作类型: 自复式
Operation Type: Momentary
- 头部形状: 蘑菇形
The Front Shape: Mushroom
- 外壳材料: 锌铝合金
The Crust Material: Zn-al Alloy
- 防护等级: IP65,IK08
Protection Degree: IP65,IK08



产品规格 Specifications		YXGQ22M-10/△/▲/★	YXGQ22M-10/J/★
头部形状 The Front Shape		蘑菇 Mushroom	蘑菇 Mushroom
尾部配置 Terminal Type		接线柱 Screw Terminal	接线插片 Pin Terminal(2 × 0.5mm)
开关型式 Switch Type		X(双断点慢动触头) Two terminal breakpoints slow moving contact	X(双断点慢动触头) Two terminal breakpoints slow moving contact
开关规格 Switch Specifications		2A/36VDC	2A/36VDC
接触电阻 Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
绝缘电阻 Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
绝缘强度 Dielectric Strength		2000VAC	2000VAC
环境温度 Operating Temperature		$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		20万次以上 >200,000 times	20万次以上 >200,000 times
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约About4N	约About4N
操作行程 Operating Stroke		约About 1.5mm	约About 1.5mm
防护等级 Protection Degree		IP65,IK08	IP65,IK08
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	锌铝合金(彩色头部) Zn-al Alloy (Colorful head)	锌铝合金(彩色头部) Zn-al Alloy (Colorful head)
	外壳 Case	锌铝合金(银白) Zn-al Alloy (Silver white)	锌铝合金(银白) Zn-al Alloy (Silver white)
	基座 Base	PBT	PBT
RoHS		可定制 Can be made to order	可定制 Can be made to order

型号说明 Model Explanation

YXS2	GQ	★	—	□	◇	■	/	△	/	▲	/	◎	/	★
系列号 Series Number	改型 代号 Modified Code	头部形状 The Front Shape F 平圆形 Flat Round H 高平圆形 High Round C 凹圆形 Concave Round G 高凹圆形 High-concave Round	开关组合 Contact Configuration 111NO1NC 222NO2NC	带灯类型 Lamp Type D 单点Dot E 环形Ring	操作类型 Operation Type Z 自锁按钮 Latching Push Button 无字母代表 自复按钮 No letter means momentary push button	带灯颜色或 彩钮颜色 Color of lamp or colorful push button R红 Red G绿 Green Y黄 Yellow O橙 Orange B蓝 Blue W白 White	带灯部分电压 Lamp Voltage AC/DC6V AC/DC12V AC/DC24V AC/DC110V AC/DC220V 其他电压等级 可定做 Other voltage can be made to order	S:不锈钢外壳 Stainless Steel N:黄铜镀镍外壳 Nickel-plated Brass A:铝合金 Zn-al Alloy	彩钮头部颜色或 外壳颜色 Color of Colorful push button's head or Case R红 Red G绿 Green Y黄 Yellow O橙 Orange B蓝 Blue W白 White N黑 Black					

注：请仔细阅读产品具体说明后，根据不同符号在该表中选取相应代号。

Note: Please carefully read the product specification, then select the appropriate code according to different symbols in the table.

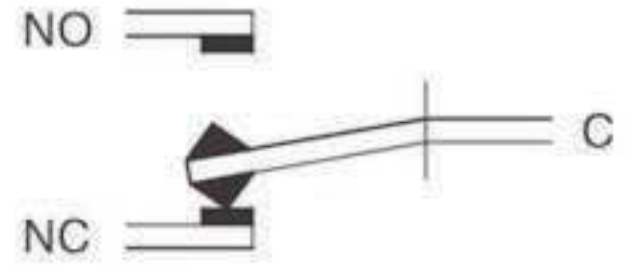
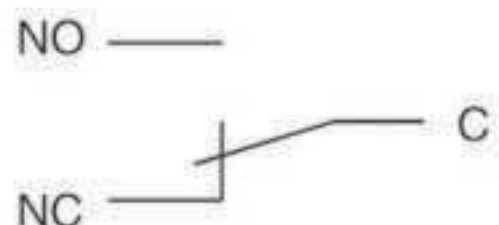
LED灯珠规格 LED Lamp Specifications

灯珠类型 Lamp Type	双向LED灯珠 (交直流通用) Bi-directional LED lamp (Universal Current)			灯珠等效电路 Lamp Equivalent Circuit	 - 采用交直流通用的LED灯珠，接线端子无正负极区分。 - 灯珠已内置保护电阻不需外接。 Adopting Universal Current LED lamp, terminal has no differentiate between positive and negative; LED has built-in protection resistors, no need external connection.
发光颜色 Color	R G Y O B W				
寿命 Lifetime	50000小时 (参考值) Hours (reference value)				
额定电压 Rated Voltage	AC/DC6V	AC/DC12V	AC/DC110V		
	AC/DC24V	AC/DC36V	AC/DC220V		
额定电流 Rated Current	约about15mA		约about 3mA		
降压方式 Step-down method	内置电阻 Built-in Resistor				

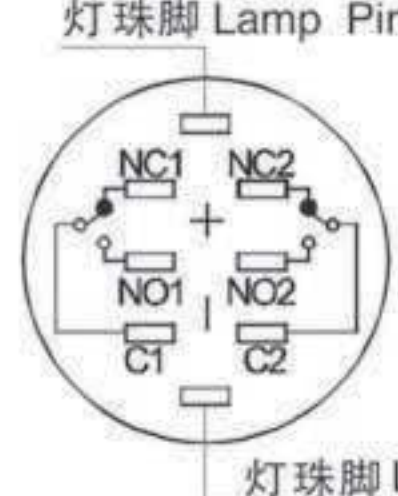
注：如需单向直流LED灯珠可定做；其他电压规格可按要求定做。

Note: For unidirectional DC LED lamp can be custom made; other voltage specifications can be special made.

开关结构说明 Switch Structure Explanation

型式 Type	C
示意图 Diagram	
符号 Symbol	
说明 Explanation	具有三个端子的单断点快动转换触头开关 Single breakpoint snap-action contacts switch with three terminals.

引脚说明 Pin Description

 灯珠脚 Lamp Pin	最多可配置两组开关。Can be configured up to two sets of switches. C1、NO1、NC1和C2、NO2、NC2分别为一组开关； C1, NO1, NC1 and C2, NO2, NC2, are a set of switches respectively; C脚为公用脚，NO脚为常开脚，NC脚为常闭脚； Pin C is utility pin and pin NO is normally open pin, pin NC is normally closed; +、-脚为灯珠引脚，常规灯珠配置无正负极区分； +、- pins are LED lamp pins, normal lamp configuration has no difference between positive and negative; 灯珠与开关相对独立，可通过开关或外围电路控制灯珠状态。 LED and switch pin are separated, but switch and external circuit can control the LED state by connecting the LED pin.
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安装效果预览 Installation Effect Preview

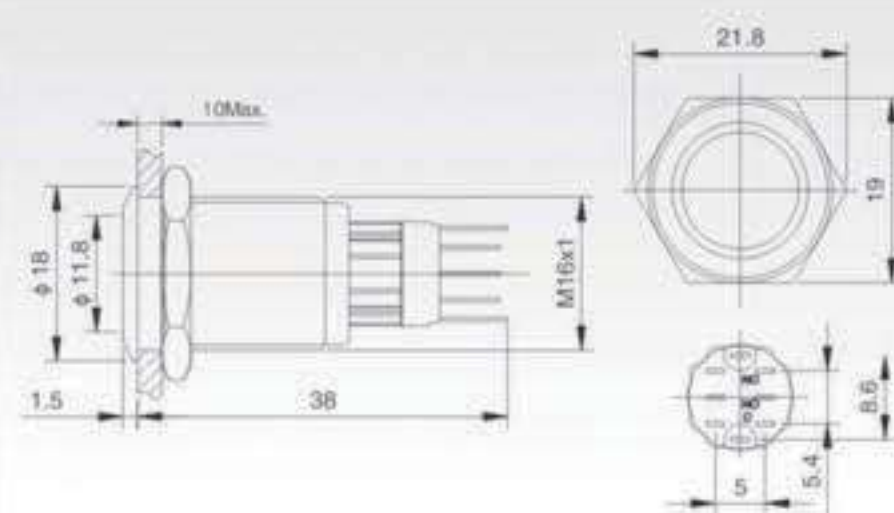


YXS2GQF-□■/○

平钮
Flat switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VDC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel, Nickel-plated Brass
- 防护等级: IP40, IP67, IK09
Protection Degree: IP40, IP67, IK09

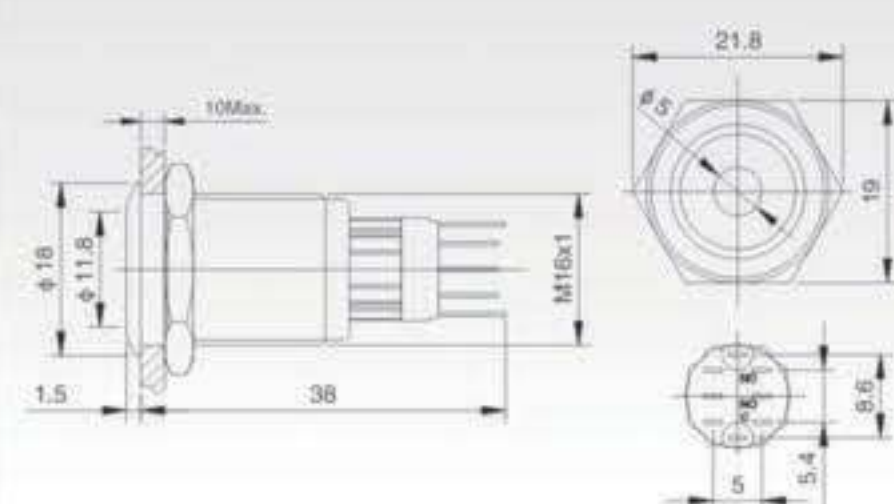


YXS2GQF-□D■/△/▲/○

单点带灯
Dot-illumination



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VDC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel, Nickel-plated Brass
- 带灯方式: 单点
Illuminated Type: Dot
- 防护等级: IP40, IP67, IK09
Protection Degree: IP40, IP67, IK09

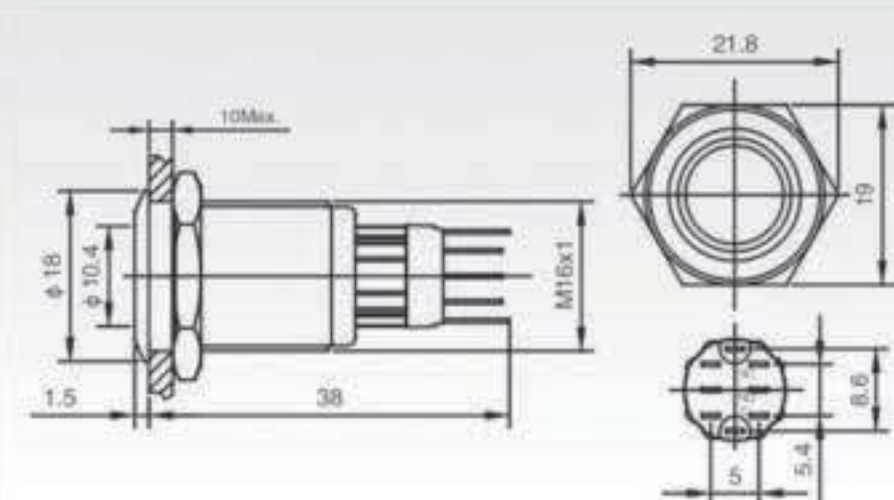


YXS2GQF-□E■/△/▲/○

环形带灯
Ring-illumination



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VDC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel, Nickel-plated Brass
- 带灯方式: 环形
Illuminated Type: Ring
- 防护等级: IP40, IP67, IK09
Protection Degree: IP40, IP67, IK09

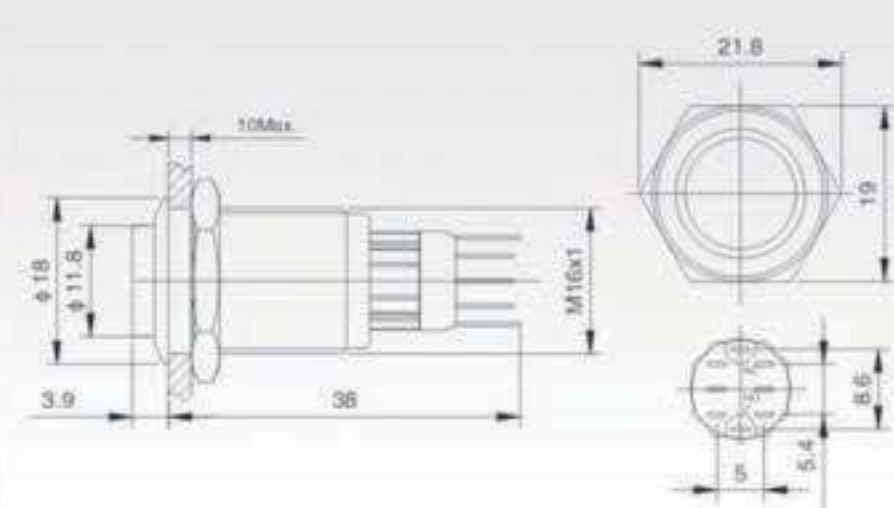


YXS2GQH-□■/○

高平钮
High round switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VDC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel, Nickel-plated Brass
- 防护等级: IP40, IP67, IK09
Protection Degree: IP40, IP67, IK09

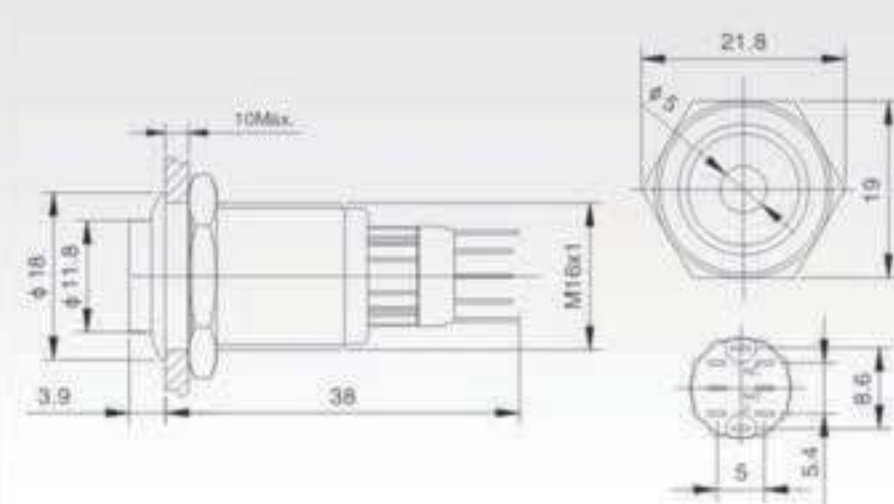


YXS2GQH-□■D/△/▲/○

单点带灯高钮
High round switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VDC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel, Nickel-plated Brass
- 带灯方式: 单点
Illuminated Type: Dot
- 防护等级: IP40, IP67, IK09
Protection Degree: IP40, IP67, IK09

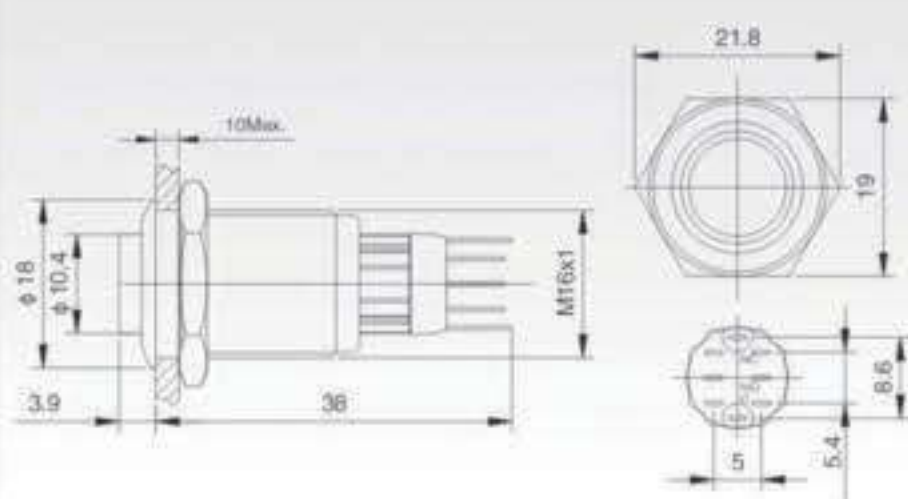


YXS2GQH-□E■/△/▲/○

环形带灯高钮
Ring-illumination high round switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VDC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜镀镍
The Cust Material: Stainless Steel, Nickel-plated Brass
- 带灯方式: 环形
Illuminated Type: Ring
- 防护等级: IP40, IP67, IK09
Protection Degree: IP40, IP67, IK09



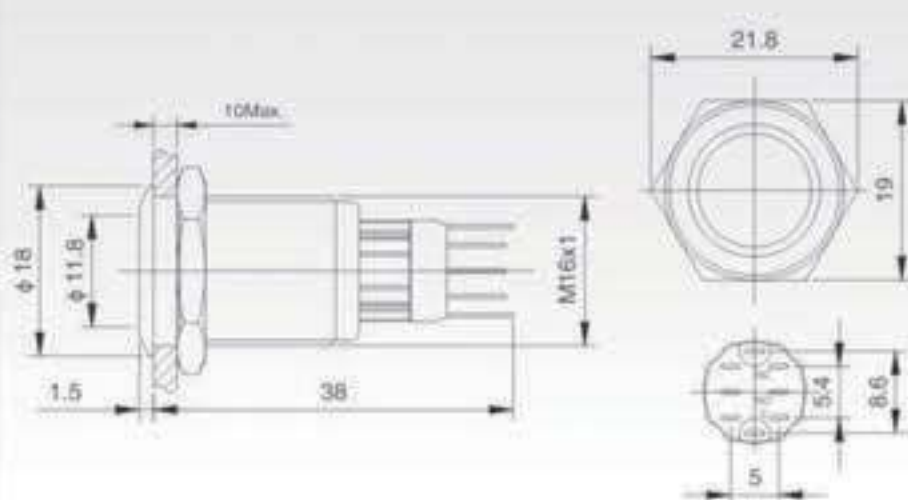
YXS2GQF-□E■/△/▲/○

环形带灯
Ring-illumination



NEW

- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VDC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Cust Material: Stainless Steel, Nickel-plated Brass
- 带灯方式: 环形
Illuminated Type: Ring
- 防护等级: IP40, IP67, IK09
Protection Degree: IP40, IP67, IK09



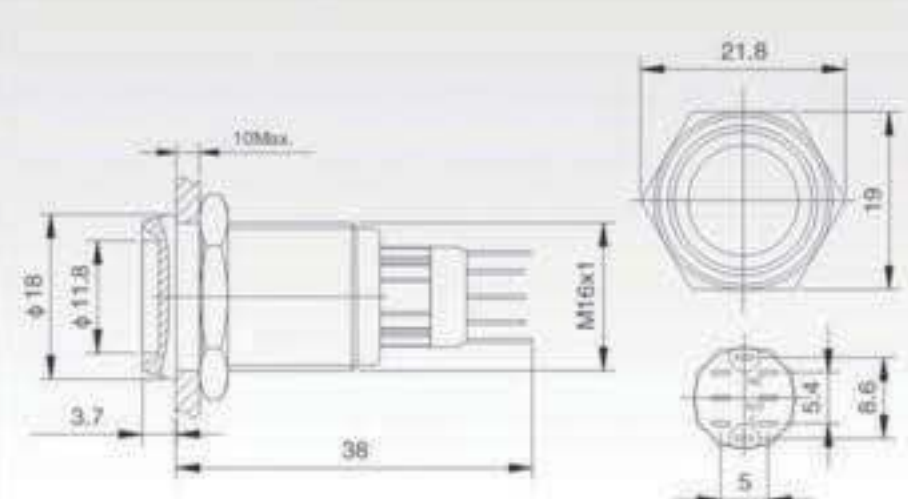
YXS2GQC-□■/○

凹面钮
Concave switch



NEW

- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VDC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 凹面形
The Front Shape: Concave Round
- 外壳材料: 不锈钢/黄铜镀镍
The Cust Material: Stainless Steel, Nickel-plated Brass
- 防护等级: IP40, IP67, IK09
Protection Degree: IP40, IP67, IK09



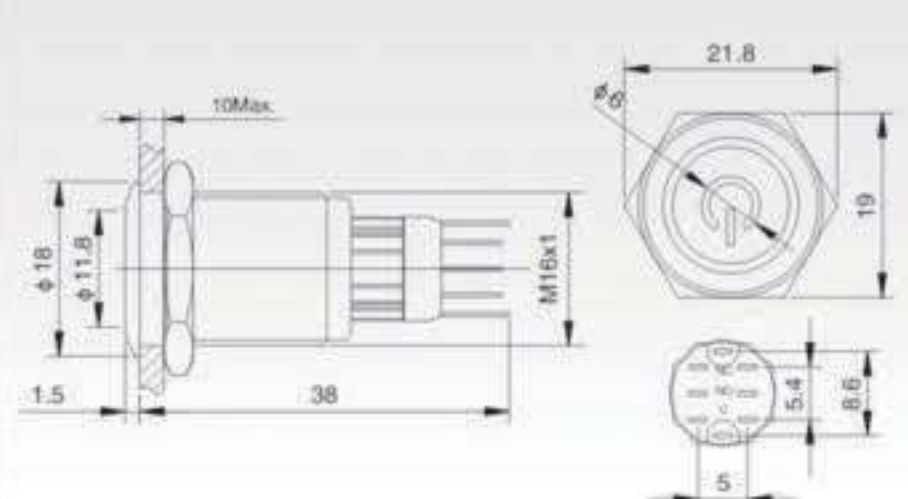
YXS2GQF-□■/○/T

平钮
Flat switch



NEW

- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VDC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 平圆形(电源标志)
The Front Shape: Flat Round (Power symbol)
- 外壳材料: 不锈钢/黄铜镀镍
The Cust Material: Stainless Steel, Nickel-plated Brass
- 防护等级: IP40, IP67, IK09
Protection Degree: IP40, IP67, IK09

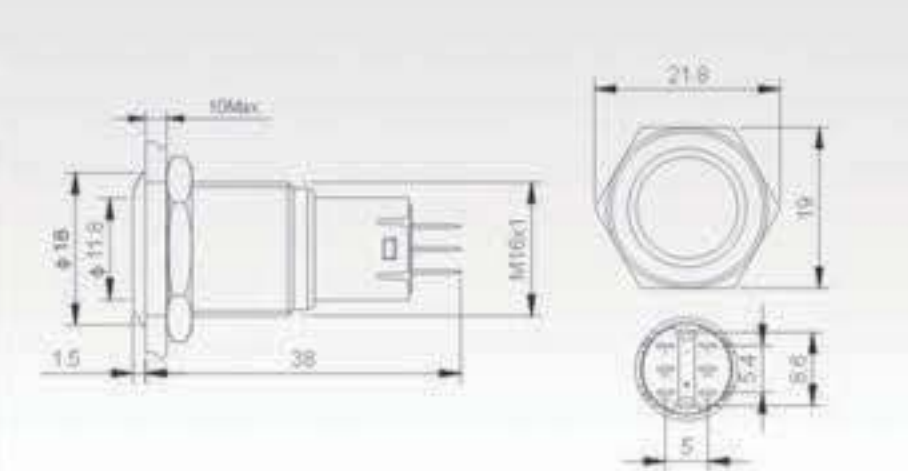


YXS2GQF-□■/○

平钮
Flat switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VDC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Cust Material: Stainless Steel, Nickel-plated Brass
- 防护等级: IP40, IP67, IK09
Protection Degree: IP40, IP67, IK09

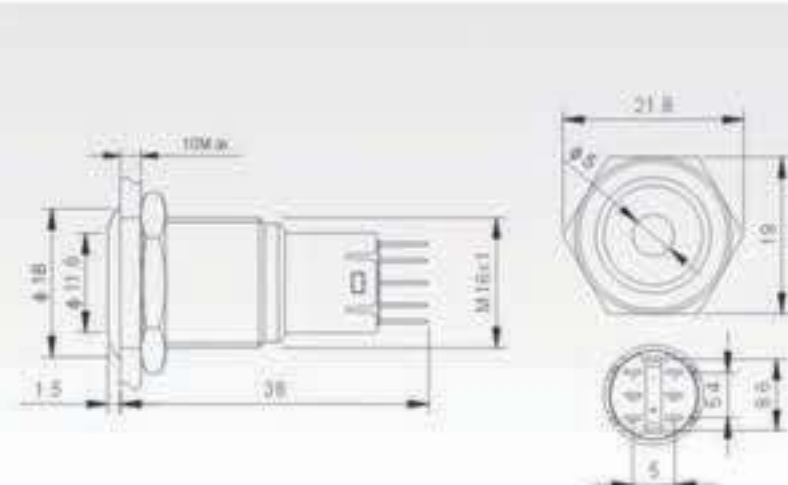


YXS2GQF-□D■/△/▲/◎

单点带灯
Dot-illumination



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VAC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Cust Material: Stainless Steel/Nickel-plated Brass
- 带灯方式: 单点
Illuminated Type: Dot
- 防护等级: IP40,IP67,IK09
Protection Degree: IP40,IP67,IK09

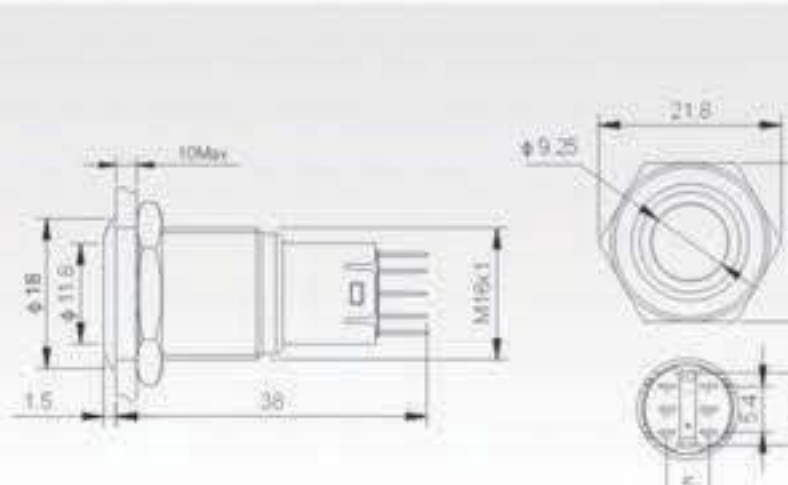


YXS2GQF-□E■/△/▲/◎

环形带灯
Ring-illumination



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VAC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Cust Material: Stainless Steel/Nickel-plated Brass
- 带灯方式: 环形
Illuminated Type: Ring
- 防护等级: IP40,IP67,IK09
Protection Degree: IP40,IP67,IK09

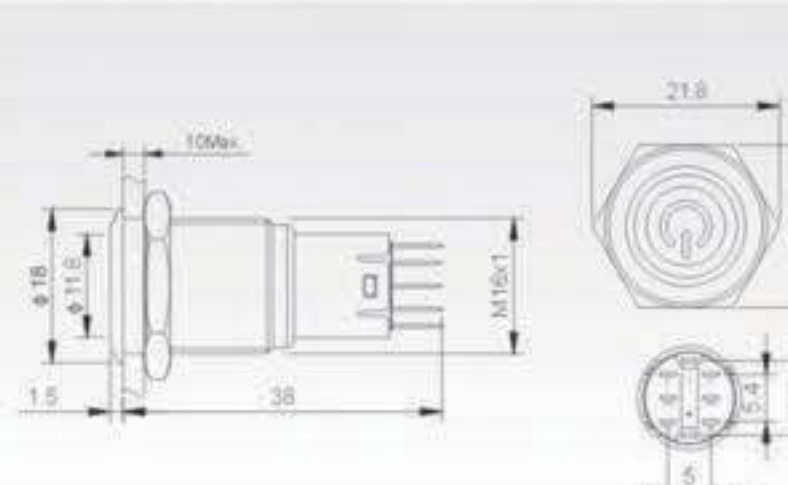


YXS2GQF-□ET■/△/▲/◎

环形带灯符号钮
Ring-illumination Switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VAC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Cust Material: Stainless Steel/Nickel-plated Brass
- 带灯方式: 环形、符号带灯
Illuminated Type: Ring-illumination Switch
- 防护等级: IP40,IP67,IK09
Protection Degree: IP40,IP67,IK09

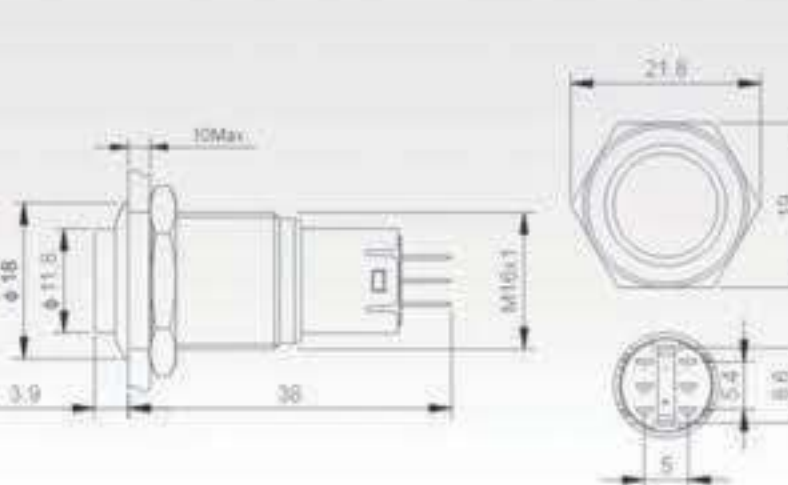


YXS2GQF-□■/◎

平钮
Flat switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VAC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜镀镍
The Cust Material: Stainless Steel/Nickel-plated Brass
- 防护等级: IP40,IP67,IK09
Protection Degree: IP40,IP67,IK09

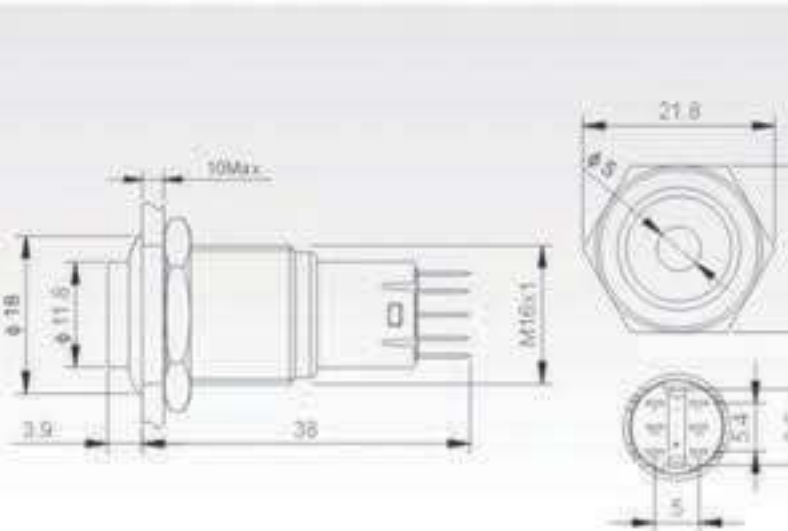


YXS2GQF-□D■/△/▲/◎

单点带灯
Dot-illumination



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VAC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜镀镍
The Cust Material: Stainless Steel/Nickel-plated Brass
- 带灯方式: 单点
Illuminated Type: Dot
- 防护等级: IP40,IP67,IK09
Protection Degree: IP40,IP67,IK09

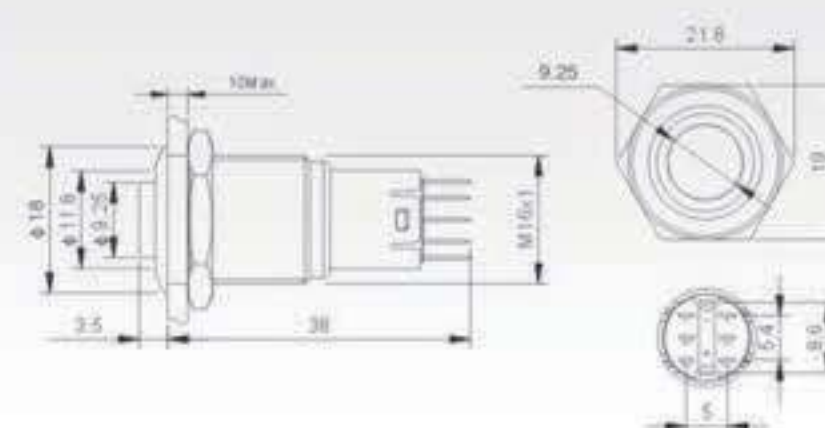


YXS2GQF-□E■/△/▲/○

环形带灯
Ring-illumination



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VAC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 高平圆形
The Front Shape: High Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 带灯方式: 环形
Illuminated Type: Ring
- 防护等级: IP40,IP67,IK09
Protection Degree: IP40,IP67,IK09

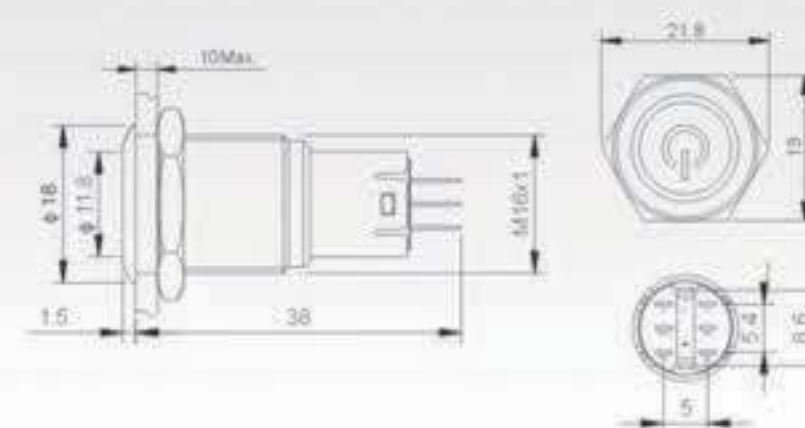


YXS2GQF-□ET■/△/▲/○

环形带灯符号钮
Ring-illumination Switch



- 安装孔尺寸: $\Phi 16\text{mm}$
Mounting Hole Size: $\Phi 16\text{mm}$
- 开关额定值: 3A/250VAC
Switch Rating: 3A/250VAC
- 开关组合: 1NO1NC/2NO2NC
Contact Configuration: 1NO1NC/2NO2NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary, Latching
- 头部形状: 平圆形
The Front Shape: Flat Round
- 外壳材料: 不锈钢/黄铜镀镍
The Crust Material: Stainless Steel/Nickel-plated Brass
- 带灯方式: 环形、符号带灯
Illuminated Type: Ring-illumination Switch
- 防护等级: IP40,IP67,IK09
Protection Degree: IP40,IP67,IK09



产品规格 Specifications		YXS2GQF-□■/○ YXS2GQH-□■/○ YXS2GQC-□■/○ YXS2GQG-□■/○	YXS2GQF-□D■/△/▲/○ YXS2GQH-□D■/△/▲/○ YXS2GQF-□■/○/T	YXS2GQF-□E■/△/▲/○ YXS2GQH-□E■/△/▲/○ YXS2GQF-□ET■/△/▲/○
头部形状 The Front Shape		平圆形 Flat Round 高平圆形 High Round 凹圆形 Concave Round 高凹圆形 High-concave Round	平圆形 Flat Round 高平圆形 High Round 平圆形(电源标志) Flat Round (Power symbol)	平圆形 Flat Round 高平圆形 High Round 环形带灯符号钮 Ring-illumination Switch
尾部配置 Terminal Type		接线插片 Pin Terminal(2.8×0.4mm)	接线插片 Pin Terminal(2.8×0.4mm)	接线插片 Pin Terminal(2.8×0.4mm)
开关型式 Switch Type		C(单断点快动转换触头) Single breakpoint snap-action changeover contacts	C(单断点快动转换触头) Single breakpoint snap-action changeover contacts	C(单断点快动转换触头) Single breakpoint snap-action changeover contacts
开关规格 Switch Specifications		Ith:3A Ui:250VAC	Ith:3A Ui:250VAC	Ith:3A Ui:250VAC
接触电阻 Contact Resistance		≤50mΩ	≤50mΩ	≤50mΩ
绝缘电阻 Insulation Resistance		≥1000MΩ	≥1000MΩ	≥1000MΩ
绝缘强度 Dielectric Strength		2000VAC	2000VAC	2000VAC
环境温度 Operating Temperature		-20℃ ~ +55℃	-20℃ ~ +55℃	-20℃ ~ +55℃
机械寿命 Mechanical Life		20万次以上 >200,000 times	20万次以上 >200,000 times	20万次以上 >200,000 times
电气寿命 Electrical Life		5万次以上 >50,000 times	5万次以上 >50,000 times	5万次以上 >50,000 times
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		2.5~4N	2.5~4N	2.5~4N
操作行程 Operating Stroke		约2.8mm	约2.8mm	约2.8mm
防护等级 Protection Degree		IP40/IP67,IK09	IP40/IP67,IK09	IP40/IP67,IK09
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern	不锈钢:镜面,CD纹 stainless Steel: Mirror Surface, CD Pattern
	外壳 Case	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass	不锈钢:镜面,CD纹,黄铜镀镍 stainless Steel: Mirror Surface, CD Pattern Nickel-plated Brass
	基座 Base	PBT	PBT	PBT
带灯部分参数 Lamp Parameters	RoHS	可定制 Can be made to order	可定制 Can be made to order	可定制 Can be made to order
	带灯类型 Type	不带灯 Non-illuminated	单点带灯 Dot illumination	环形带灯 Ring illumination
	额定电压 Rated Voltage	—	2V/6V/12V/24V/110V/220V	2V/6V/12V/24V/110V/220V
	灯珠颜色 Color	—	R G Y O B W	R G Y O B W
	灯珠寿命 Life	—	50000小时 hours	50000小时 hours

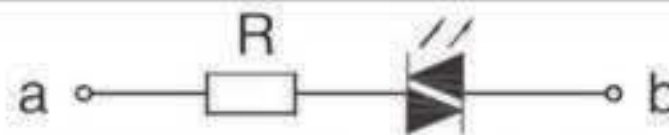
型号说明 Model Explanation

YXS1	GQ	—	□	◇	■	/	◆	/	△	/	▲	◎	★
系列号 Series Number	改型代号 Modified Code	开关组合 Contact Configuration 11 1NO1NC	带灯类型 Lamp Type D 单点Dot E 环形Ring	操作类型 Operation Type Z 自锁按钮 Latching Push Button 无字母代表自复按钮 No letter means momentary push button	接线类型 Terminal Type L 接线柱 Screw Terminal 无字母代表接线插片 No letter means pin terminal	带灯颜色 Color of lamp R红 Red G绿 Green Y黄 Yellow O橙 Orange B蓝 Blue W白 White	带灯部分电压 Lamp Voltage AC/DC6V AC/DC12V AC/DC24V AC/DC110V AC/DC220V 其他电压等级可定做 Other voltage can be made to order	外壳材料 Crust Material S不锈钢 Stainless Steel A铝合金 Zn-Al Alloy	彩钮头部颜色或 外壳颜色 Color of Colorful push button's head or Case R红 Red G绿 Green Y黄 Yellow O橙 Orange B蓝 Blue N黑 Black				

注：请仔细阅读产品具体说明后，根据不同符号在该表中选取相应代号。

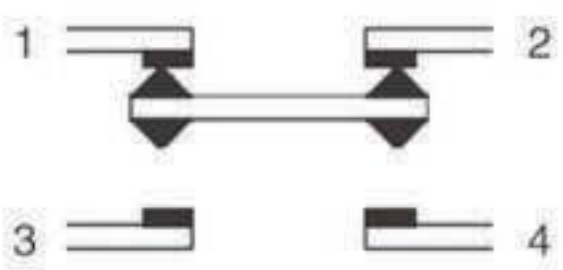
Note: Please carefully read the product specification, then select the appropriate code according to different symbols in the table.

LED灯珠规格 LED Lamp Specifications

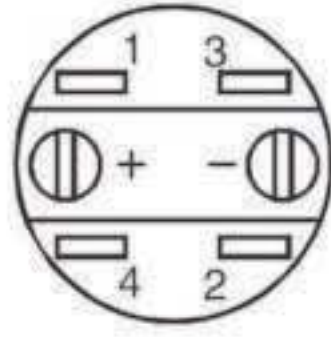
灯珠类型 Lamp Type	双向LED灯珠 (交直流通用) Bi-directional LED lamp (Universal Current)			灯珠等效电路 Lamp Equivalent Circuit	 采用交直流通用的LED灯珠，接线端子无正负极区分。 灯珠已内置保护电阻不需外接。 Adopting Universal Current LED lamp, terminal has no differentiate between positive and negative; LED has built-in protection resistors, no need external connection.
额定电压 Rated Voltage	AC/DC6V	AC/DC12V	AC/DC110V		
	AC/DC24V	AC/DC36V	AC/DC220V		
额定电流 Rated Current	约about15mA		约about3mA		
发光颜色 Color	R G Y O B W				
寿命 Lifetime	50000小时 (参考值) Hours (reference value)				

注：如需单向直流LED灯珠可定做；其他电压规格可按要求定做。

开关结构说明 Switch Structure Explanation

型式 Type	Za
示意图 Diagram	
符号 Symbol	
说明 Explanation	具有四个端子的双断点快动转换触头开关 Double break snap-action changeover contacts switch with four terminals.

引脚说明 Pin Description

	1、2为常闭触头NC: pin1, pin2 is normally closed contact NC. 3、4为常开触头NO: pin3, pin4 is normally open contact NO. +、-脚为灯珠引脚，常规灯珠配置无正负极区分； +、- pins are LED lamp pins, normal lamp configuration has no differentiate between positive and negative ; 灯珠与开关相对独立，可通过开关或外围电路控制灯珠状态。 LED and switch pin are separated, but switch and external circuit can control the LED state by connecting the LED pin.
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安装效果预览 Installation Effect Preview

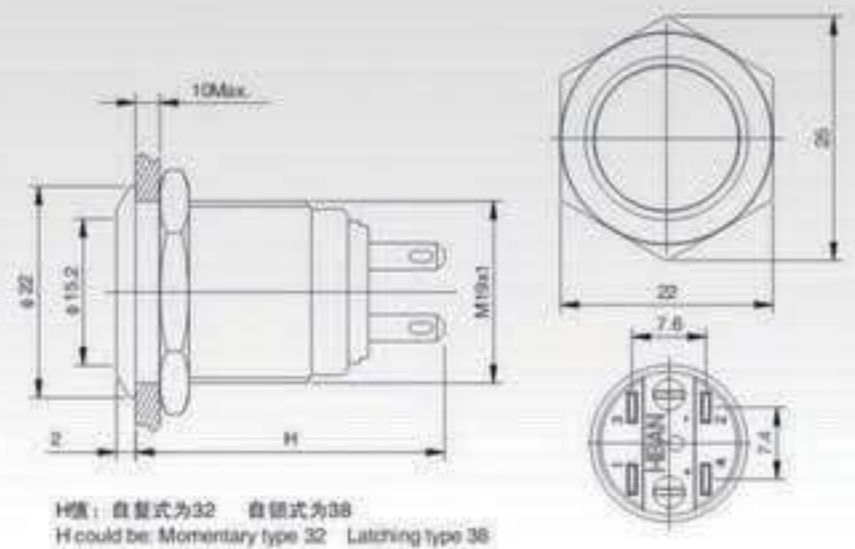


YXS1GQ-11■/○

平钮
Flat Switch



- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 5A/250VAC
Switch Rating: 5A/250VAC
- 开关组合: 1NO1NC
Contact Configuration: 1NO1NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary/Latching
- 外壳材料: 不锈钢
Crust Material: Stainless Steel
- 防护等级: IP65, IK09
Protection Degree: IP65, IK09

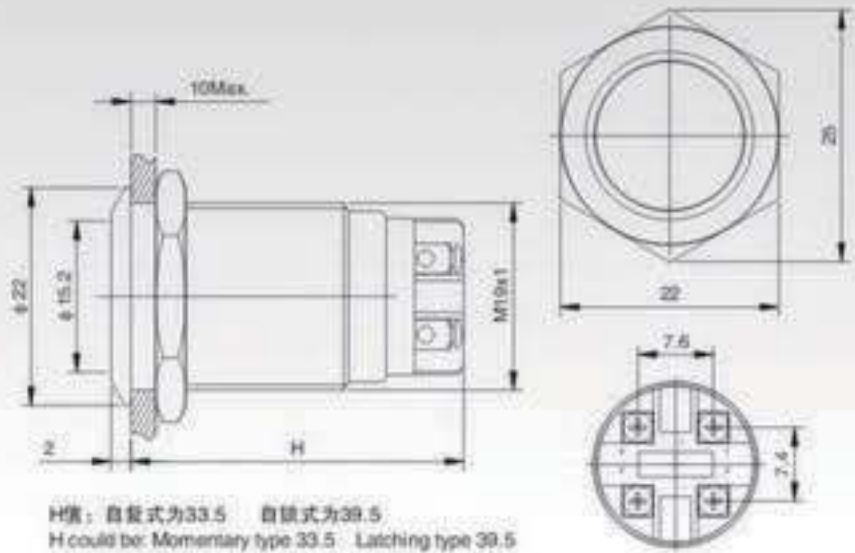


YXS1GQ-11■/L/○

平钮
Flat Switch



- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 5A/250VAC
Switch Rating: 5A/250VAC
- 开关组合: 1NO1NC
Contact Configuration: 1NO1NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary/Latching
- 外壳材料: 不锈钢
Crust Material: Stainless Steel
- 防护等级: IP65, IK09
Protection Degree: IP65, IK09



产品规格 Specifications		YXS1GQ-11■/○	YXS1GQ-11■/L/○
头部形状 The Front Shape		平圆形 Flat Round	平圆形 Flat Round
尾部配置 Terminal Type		接线插片 Pin Terminal(2.8 × 0.5mm)	接线柱 Screw Terminal
开关型式 Switch Type		Za(双断点快动转换触头)	Za(双断点快动转换触头)
开关规格 Switch Specifications		Ith:5A Ui:250VAC	Ith:5A Ui:250VAC
接触电阻 Contact Resistance		≤50mΩ	≤50mΩ
绝缘电阻 Insulation Resistance		≥1000MΩ	≥1000MΩ
绝缘强度 Dielectric Strength		2000VAC	2000VAC
环境温度 Operating Temperature		-20℃ ~ +55℃	-20℃ ~ +55℃
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		5万次以上 >200,000 times	5万次以上 >200,000 times
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约about 4N	约about 4N
操作行程 Operating Stroke		约about 2.5mm	约about 2.5mm
防护等级 Protection Degree		IP65(IP67可定制), IK09	IP65(IP67可定制), IK09
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢 Stainless Steel	不锈钢 Stainless Steel
	外壳 Case	不锈钢 Stainless Steel	不锈钢 Stainless Steel
	基座 Base	PC	PA
RoHS		可定制 Can be made to order	可定制 Can be made to order

YXS1GQ-11D ■/△/▲/◎

单点带灯
Dot-illumination Switch



- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 5A/250VAC
Switch Rating: 5A/250VAC
- 开关组合: 1NO1NC
Contact Configuration: 1NO1NC
- 操作类型: 自复式
Operation Type: Momentary
- 外壳材料: 不锈钢
Crust Material: Stainless Steel
- 带灯方式: 单点
Illuminated Type: Dot
- 防护等级: IP65, IK09
Protection Degree: IP65, IK09

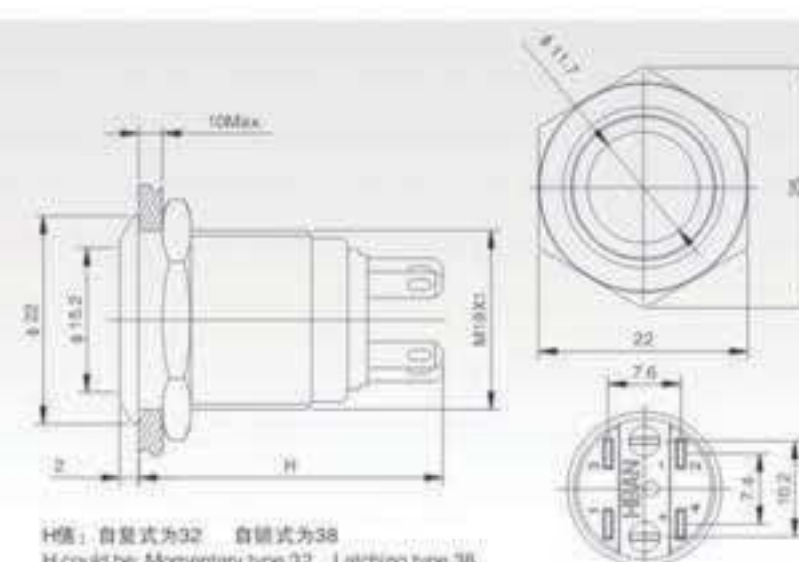


YXS1GQ-11E ■/△/▲/◎

环形带灯
Ring-illumination Switch



- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 5A/250VAC
Switch Rating: 5A/250VAC
- 开关组合: 1NO1NC
Contact Configuration: 1NO1NC
- 操作类型: 自复式
Operation Type: Momentary
- 外壳材料: 不锈钢
Crust Material: Stainless Steel
- 带灯方式: 环形带灯
Illuminated Type: Ring
- 防护等级: IP65, IK09
Protection Degree: IP65, IK09



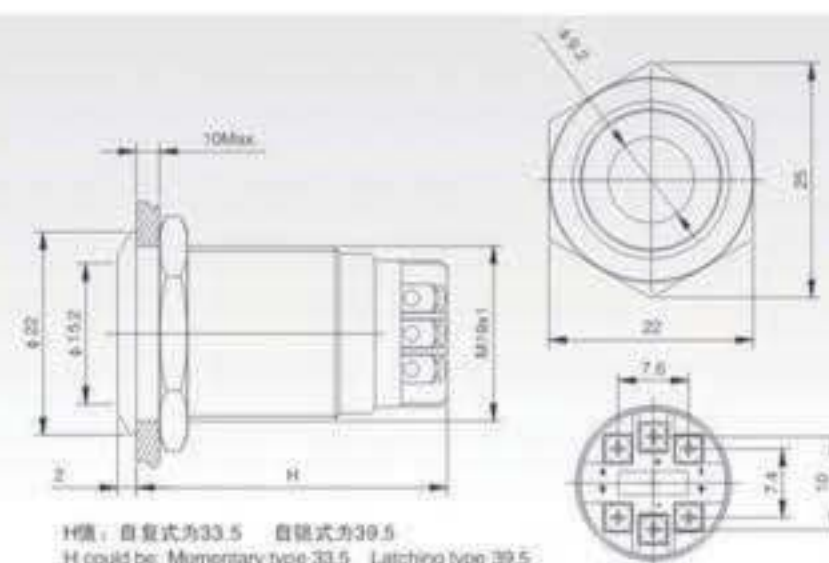
产品规格 Specifications		YXS1GQ-11D ■/△/▲/◎	YXS1GQ-11E ■/△/▲/◎
头部形状 The Front Shape		平圆形 Flat Round	平圆形 Flat Round
尾部配置 Terminal Type		接线插片 Pin Terminal(2.8 × 0.5mm)	接线插片 Pin Terminal(2.8 × 0.5mm)
开关型式 Switch Type		Za(双断点快动转换触头)	Za(双断点快动转换触头)
开关规格 Switch Specifications		Ith:5A Ui:250VAC	Ith:5A Ui:250VAC
接触电阻 Contact Resistance		≤50mΩ	≤50mΩ
绝缘电阻 Insulation Resistance		≥1000MΩ	≥1000MΩ
绝缘强度 Dielectric Strength		2000VAC	2000VAC
环境温度 Operating Temperature		-20℃ ~ +55℃	-20℃ ~ +55℃
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		5万次以上 >200,000 times	5万次以上 >200,000 times
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约about 4N	约about 4N
操作行程 Operating Stroke		约about 2.5mm	约about 2.5mm
防护等级 Protection Degree		IP65(IP67可定制), IK09	IP65(IP67可定制), IK09
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢 Stainless Steel	不锈钢 Stainless Steel
	外壳 Case	不锈钢 Stainless Steel	不锈钢 Stainless Steel
	基座 Base	PC	PC
带灯部分参数 Lamp Parameters	RoHS	可定制 Can be made to order	可定制 Can be made to order
	带灯类型 Type	单点带灯 Dot illumination (LED)	环形带灯 Ring-illumination(LED)
	额定电压 Rated Voltage	6V / 12V / 24V / 110V / 220V	6V / 12V / 24V / 110V / 220V
	灯珠颜色 Color	R G Y O B W	R G Y O B W
	灯珠寿命 Life	50000小时 Hours	50000小时 Hours

YXS1GQ-11D ■/■/▲/▲/○

单点带灯
Dot-illumination Switch



- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 5A/250VAC
Switch Rating: 5A/250VAC
- 开关组合: 1NO1NC
Contact Configuration: 1NO1NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary/Latching
- 外壳材料: 不锈钢
Crust Material: Stainless Steel
- 带灯方式: 单点
Illuminated Type: Dot
- 防护等级: IP65, IK09
Protection Degree: IP65, IK09

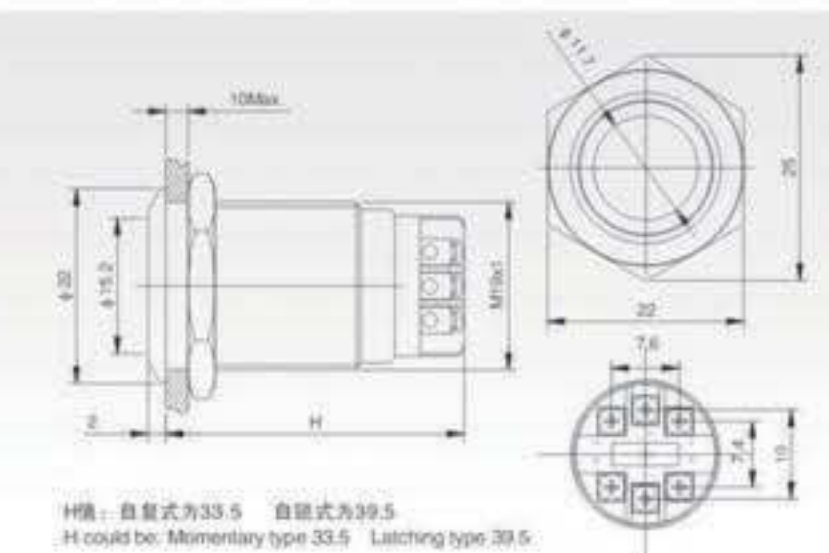


YXS1GQ-11E ■/■/▲/▲/○

环形带灯
Ring-illumination Switch



- 安装孔尺寸: $\Phi 19\text{mm}$
Mounting Hole Size: $\Phi 19\text{mm}$
- 开关额定值: 5A/250VAC
Switch Rating: 5A/250VAC
- 开关组合: 1NO1NC
Contact Configuration: 1NO1NC
- 操作类型: 自复式/自锁式
Operation Type: Momentary/Latching
- 外壳材料: 不锈钢
Crust Material: Stainless Steel
- 带灯方式: 环形
Illuminated Type: Ring
- 防护等级: IP65, IK09
Protection Degree: IP65, IK09



产品规格 Specifications		YXS1GQ-11D ■/■/▲/▲/○	YXS1GQ-11E ■/■/▲/▲/○
头部形状 The Front Shape		平圆形 Flat Round	平圆形 Flat Round
尾部配置 Terminal Type		接线柱 Screw Terminal	接线柱 Screw Terminal
开关型式 Switch Type		Za(双断点快动转换触头)	Za(双断点快动转换触头)
开关规格 Switch Specifications		Ith:5A Ui:250VAC	Ith:5A Ui:250VAC
接触电阻 Contact Resistance		$\leq 50\text{m}\Omega$	$\leq 50\text{m}\Omega$
绝缘电阻 Insulation Resistance		$\geq 1000\text{M}\Omega$	$\geq 1000\text{M}\Omega$
绝缘强度 Dielectric Strength		2000VAC	2000VAC
环境温度 Operating Temperature		$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
机械寿命 Mechanical Life		100万次以上 >1,000,000 times	100万次以上 >1,000,000 times
电气寿命 Electrical Life		5万次以上 >200,000 times	5万次以上 >200,000 times
面板厚度 Panel Thickness		1 ~ 10mm	1 ~ 10mm
螺母扭矩 Torque		5 ~ 14Nm	5 ~ 14Nm
操作压力 Operating Pressure		约about 4N	约about 4N
操作行程 Operating Stroke		约about 2.5mm	约about 2.5mm
防护等级 Protection Degree		IP65(IP67可定制), IK09	IP65(IP67可定制), IK09
材料 Material	触点 Contact	银合金 Silver Alloy	银合金 Silver Alloy
	按键 Button	不锈钢 Stainless Steel	不锈钢 Stainless Steel
	外壳 Case	不锈钢 Stainless Steel	不锈钢 Stainless Steel
	基座 Base	PC	PC
带灯部分参数 Lamp Parameters	RoHS	可定制 Can be made to order	可定制 Can be made to order
	带灯类型 Type	单点带灯 Dot illumination (LED)	环形带灯 Ring-illumination(LED)
	额定电压 Rated Voltage	6V / 12V / 24V / 110V / 220V	6V / 12V / 24V / 110V / 220V
	灯珠颜色 Color	R G Y O B W	R G Y O B W
	灯珠寿命 Life	50000小时Hours	50000小时Hours