

PX16A系列 PX16A series

高强度抗破坏金属按钮开关与指示灯
High Strength & Damage Resistance Metal
Push Button Switch & Indicator Light



PX16B系列 PX16B series

高强度抗破坏金属按钮开关与指示灯
High Strength & Damage Resistance Metal
Push Button Switch & Indicator Light



PX19A系列 PX19A series

高强度抗破坏金属按钮开关与指示灯
High Strength & Damage Resistance Metal
Push Button Switch & Indicator Light



PX19B系列 PX19B series

高强度抗破坏金属按钮开关
配套用连接器
High Strength & Damage Resistance Metal
Push Button Switch & Associated Connector



PX22A系列 PX22A series

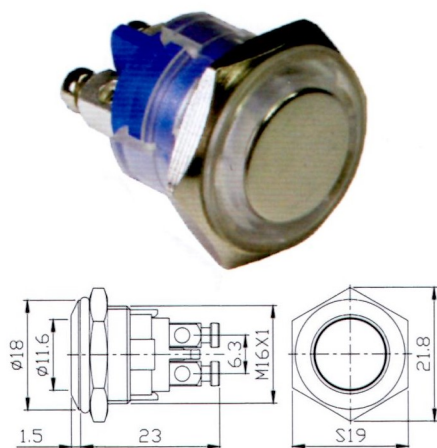
高强度抗破坏金属按钮开关与指示灯
配套用连接器
High Strength & Damage Resistance Metal
Push Button Switch and Indicator light &
Associated Connector



PX25A系列 PX25A series

高强度抗破坏金属按钮开关与指示灯
配套用连接器
High Strength & Damage Resistance Metal
Push Button Switch and Indicator light &
Associated Connector





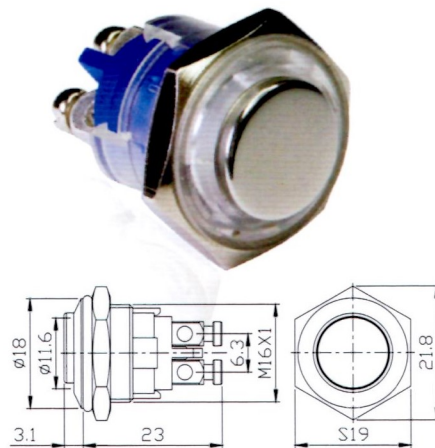
金属按钮开关(接线柱)

PX16A—P10J/PC

头部形状(★): P平圆形
开关组合(□): 10—1N0
接线类型(■): J接线柱
外壳材质(●): PC工程塑料
操作形式: 自复式
面板厚度: 1~3mm
防水等级: IP65
防护等级: IK02

Meal button switch (Wiring terminal)
PX16A—P10J/PC

Head Style: P Flat Round Shape
Switch Combination: 10—1N0
Connection type: J Wiring terminal
Hull Material: PC Engineering plastics
Operation Type: Nonstick type
Faceplate Thickness: 1~3mm
Waterproof Rate: IP65
Protection Grade: IK02



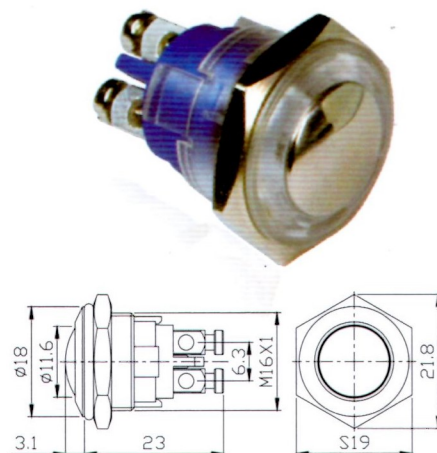
金属按钮开关(接线柱)

PX16A—G10J/PC

头部形状(★): G高平圆形
开关组合(□): 10—1N0
接线类型(■): J接线柱
外壳材质(●): PC工程塑料
操作形式: 自复式
面板厚度: 1~3mm
防水等级: IP65
防护等级: IK02

Meal button switch (Wiring terminal)
PX16A—G10J/PC

Head Style: G High flat round shape
Switch Combination: 10—1N0
Connection type: J Wiring terminal
Hull Material: PC Engineering plastics
Operation Type: Nonstick type
Faceplate Thickness: 1~3mm
Waterproof Rate: IP65
Protection Grade: IK02



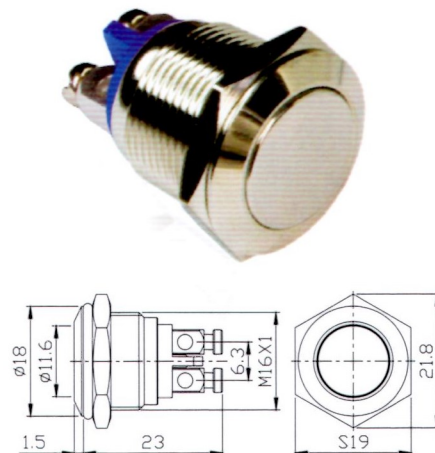
金属按钮开关(接线柱)

PX16A—Q10J/PC

头部形状(★): Q球形
开关组合(□): 10—1N0
接线类型(■): J接线柱
外壳材质(●): PC工程塑料
操作形式: 自复式
面板厚度: 1~3mm
防水等级: IP65
防护等级: IK02

Meal button switch (Wiring terminal)
PX16A—Q10J/PC

Head Style: Q Ball Shape
Switch Combination: 10—1N0
Connection type: J Wiring terminal
Hull Material: PC Engineering plastics
Operation Type: Nonstick type
Faceplate Thickness: 1~3mm
Waterproof Rate: IP65
Protection Grade: IK02



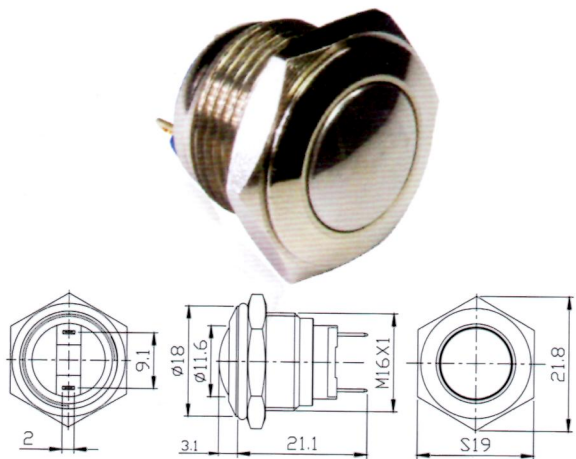
金属按钮开关(接线柱)

PX16A—P10J/●

头部形状(★): P平圆形
开关组合(□): 10—1N0
接线类型(■): J接线柱
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
操作形式: 自复式
面板厚度: 1~6mm
防水等级: IP66
防护等级: IK08

Meal button switch (Wiring terminal)
PX16A—P10J/PC

Head Style: P Flat Round Shape
Switch Combination: 10—1N0
Connection type: J Wiring terminal
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Operation Type: Nonstick type
Faceplate Thickness: 1~3mm
Waterproof Rate: IP65
Protection Grade: IK02



金属按钮开关(引脚式)

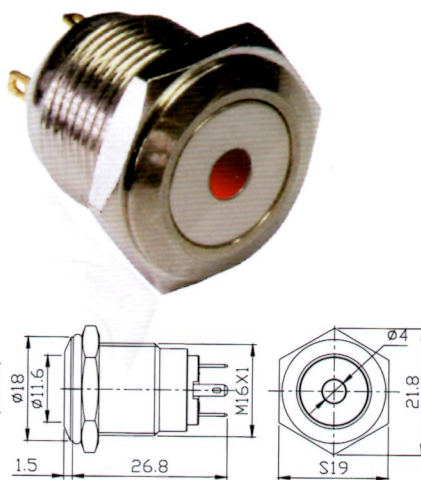
PX16A—Q10Y/●

头部形状(★): Q球形
开关组合(□): 10—1N0
接线类型(■): Y引脚式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
操作形式: 自复式
面板厚度: 1~6mm
防水等级: IP66
防护等级: IK08

Meal button switch (Pin type)

PX16A—Q10Y/●

Head Style: Q Ball Shape
Switch Combination: 10—1N0
Connection type: Y Pin type
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Operation Type: Nonstick type
Faceplate Thickness: 1~6mm
Waterproof Rate: IP66
Protection Grade: IK08



金属按钮开关(引脚式)

PX16A—P10Y/D▲▽/●

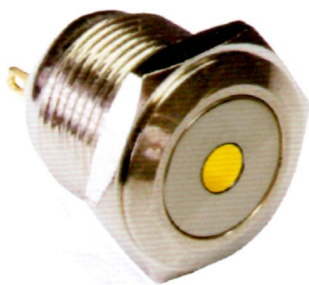
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开关组合(□): 10—1N0
接线类型(■): Y引脚式
发光类型(△): D单点
发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白
带灯电压(▽): 6/12/24/36V
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
操作形式: 自复式
面板厚度: 1~10mm
防水等级: IP66
防护等级: IK08

Meal button switch (Pin type)

PX16A—P10Y/D▲▽/●

Head Style: P Flat Round Shape
Switch combination: 10—1N0
Connection type: Y Pin type
Emitting Type: D Single point
Emitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Operation Type: Nonstick type
Faceplate Thickness: 1~10mm
Waterproof Rate: IP66
Protection Grade: IK08

PX16A



金属指示灯(引脚式)

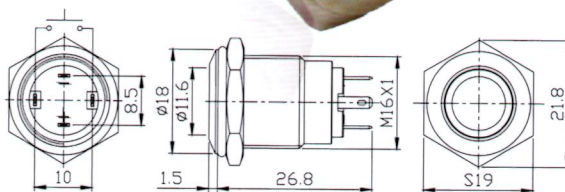
PX16A—PY/D▲▽/●

头部形状(★): P平圆形
接线类型(■): Y引脚式
发光类型(△): D单点
发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白
带灯电压(▽): 6/12/24/36V
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~10mm
防水等级: IP66
防护等级: IK08

Meal button switch (Pin type)

PX16A—PY/D▲▽/●

Head Style: P Flat Round Shape
Connection type: Y Pin type
Emitting Type: D Single point
Emitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP66
Protection Grade: IK08



金属按钮开关(引脚式)

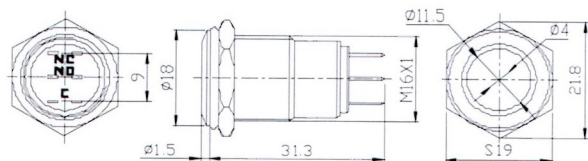
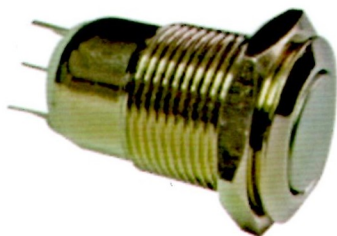
PX16A—P10Y/E▲▽/●

头部形状(★): P平圆形
开关组合(□): 10—1N0
接线类型(■): Y引脚式
发光类型(△): E环形
发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白
带灯电压(▽): 6/12/24/36V
操作形式: 自复式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~10mm
防水等级: IP66
防护等级: IK08

Meal button switch (Pin type)

PX16A—P10Y/E▲▽/●

Head Style: P Flat Round Shape
Switch combination: 10—1N0
Connection type: Y Pin type
Emitting Type: E Annular
Emitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Operation Type: Nonstick type
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP66
Protection Grade: IK08



金属按钮开关(引脚式)

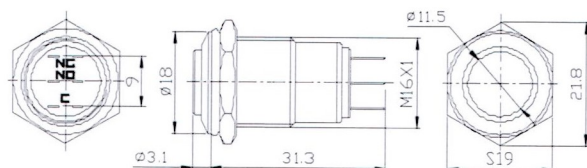
PX16B-P□▼/●

头部形状(★): P平圆形
开关组合(□): 11—1N01NC
22—2N02NC
操作形式(▼): Z自锁式
F自复式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~15mm
防水等级: IP65
防护等级: IK09

Meal button switch (Pin type)

PX16B-P□▼/●

Head Style: P Flat Round Shape
Switch Combination: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
F nonstick
Hull Material: S Stainless steel
N Brass nicklage
A Aluminum alloy anodize black
Faceplate Thickness: 1~15mm
Waterproof Rate: IP65
Protection Grade: IK09



金属按钮开关(引脚式)

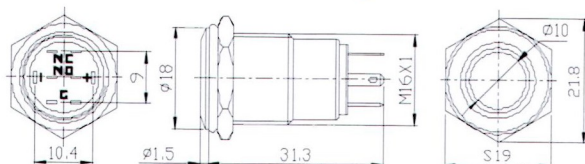
PX16B-G□▼/●

头部形状(★): G高平圆形
开关组合(□): 11—1N01NC
22—2N02NC
操作形式(▼): Z自锁式
F自复式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~15mm
防水等级: IP65
防护等级: IK09

Meal button switch (Pin type)

PX16B-G□▼/●

Head Style: G High flat round Shape
Switch Combination: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
F nonstick
Hull Material: S Stainless steel
N Brass nicklage
A Aluminum alloy anodize black
Faceplate Thickness: 1~15mm
Waterproof Rate: IP65
Protection Grade: IK09



金属按钮开关(引脚式)

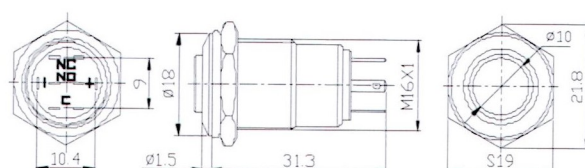
PX16B-P□▼/E▲▽/●

头部形状(★): P平圆形
开关组合(□): 11—1N01NC
22—2N02NC
操作形式(▼): Z自锁式
F自复式
发光类型(△): E环形
发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白
带灯电压(▽): 6/12/24/36V
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~15mm
防水等级: IP65
防护等级: IK09

Meal button switch (Pin type)

PX16B-P□▼/E▲▽/●

Head Style: P Flat Round Shape
Switch Connection: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
F nonstick
Emitting Type: E Annular
Enitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nicklage
A Aluminum alloy anodize black
Faceplate Thickness: 1~15mm
Waterproof Rate: IP65
Protection Grade: IK09



金属按钮开关(引脚式)

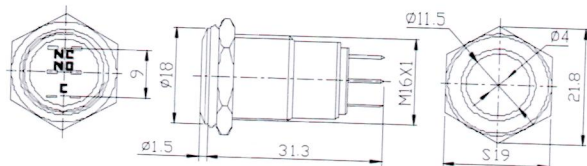
PX16B-G□▼/E▲▽/●

头部形状(★): G高平圆形
开关组合(□): 11—1N01NC
22—2N02NC
操作形式(▼): Z自锁式
F自复式
发光类型(△): E环形
发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白
带灯电压(▽): 6/12/24/36V
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~15mm
防水等级: IP65
防护等级: IK09

Meal button switch (Pin type)

PX16B-G□▼/E▲▽/●

Head Style: G High flat round Shape
Switch Connection: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
F nonstick
Emitting Type: E Annular
Enitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nicklage
A Aluminum alloy anodize black
Faceplate Thickness: 1~15mm
Waterproof Rate: IP65
Protection Grade: IK09



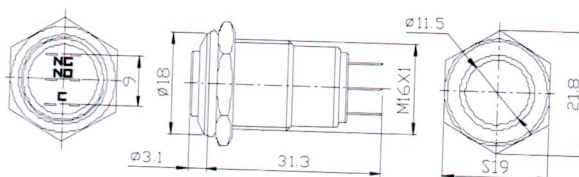
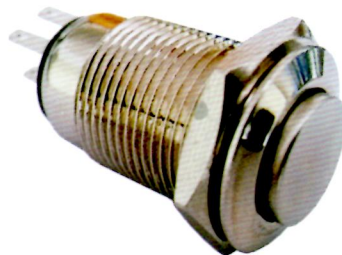
金属按钮开关(引脚式)

PX16B-P□▼/●

头部形状(★): P平圆形
开关组合(□): 11—1N01NC
22—2N02NC
操作形式(▼): Z自锁式
F自复式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~15mm
防水等级: IP65
防护等级: IK09

Meal button switch (Pin type)
PX16B-P□▼/●

Head Style: P Flat Round Shape
Switch Combination: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
F nonstick
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~15mm
Waterproof Rate: IP65
Protection Grade: IK09



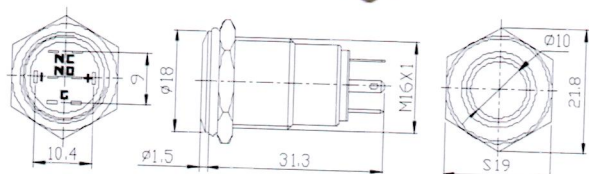
金属按钮开关(引脚式)

PX16B-G□▼/●

头部形状(★): G高平圆形
开关组合(□): 11—1N01NC
22—2N02NC
操作形式(▼): Z自锁式
F自复式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~15mm
防水等级: IP65
防护等级: IK09

Meal button switch (Pin type)
PX16B-G□▼/●

Head Style: G High flat round Shape
Switch Combination: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
F nonstick
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~15mm
Waterproof Rate: IP65
Protection Grade: IK09



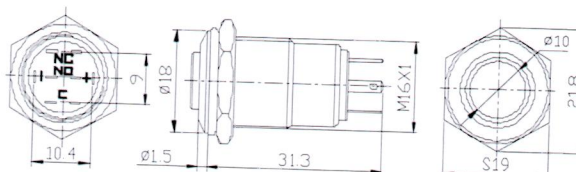
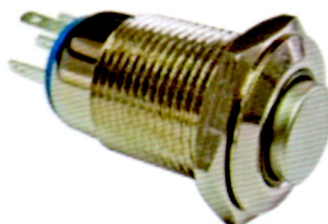
金属按钮开关(引脚式)

PX16B-P□▼/E△▽/●

部形状(★): P平圆形
关组合(□): 11—1N01NC
22—2N02NC
作形式(▼): Z自锁式
F自复式
光类型(△): E环形
光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白
灯电压(▽): 6/12/24/36V
壳材质(●): S不锈钢
黄铜镀镍 A铝合金氧化黑
板厚度: 1~15mm
水等级: IP65
护等级: IK09

Meal button switch (Pin type)
PX16B-P□▼/E△▽/●

Head Style: P Flat Round Shape
Switch Connection: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
F nonstick
Emitting Type: E Annular
Enitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~15mm
Waterproof Rate: IP65
Protection Grade: IK09



金属按钮开关(引脚式)

PX16B-G□▼/E△▽/●

头部形状(★): G高平圆形
开关组合(□): 11—1N01NC
22—2N02NC
操作形式(▼): Z自锁式
F自复式
发光类型(△): E环形
发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白
带灯电压(▽): 6/12/24/36V
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~15mm
防水等级: IP65
防护等级: IK09

Meal button switch (Pin type)
PX16B-G□▼/E△▽/●

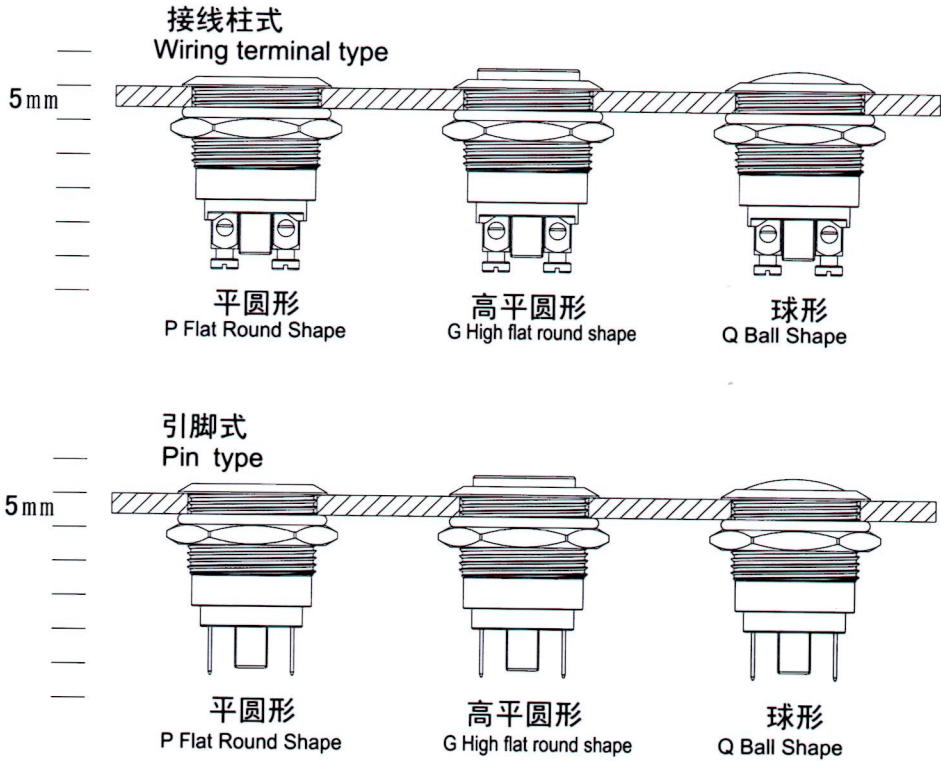
Head Style: G High flat round Shape
Switch Connection: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
F nonstick
Emitting Type: E Annular
Enitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~15mm
Waterproof Rate: IP65
Protection Grade: IK09

PX16B

型号说明 Model Instruction

16	A	—	★	□	■	/	△	▲	▽	/	●
安装孔尺寸 Installation hole size	系列号 Series No.	头部形状 P 平圆形 G 高平圆形 Q 球形 Head Shape. P Flat Round Shape G High flat round shape Q Ball shape	开关组合 10-1NO Switch combination 10-1NO	接线类型 J 接线柱 Y 引脚式 Connection type J Wiring terminal Y Pin type	发光类型 D 单点 E 环形 Emitting Type D Single point E Annular	发光颜色 Emitting Color R 红 Red G 绿 Green Y 黄 Yellow O 橙 Orange B 蓝 Blue W 白 White	带灯电压 AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 36V 其他电压可定做 Voltage with light AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 36V Other voltages can be customized.	外壳材质 S 不锈钢 N 黄铜镀镍 A 铝合金氧化黑 Hull material S Stainless steel N Brass nickelage A Aluminum alloy anodize black			

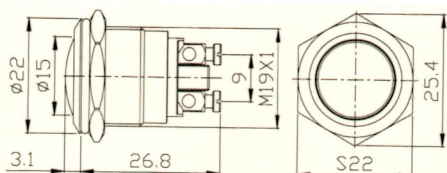
安装图 Installation drawing



PX19A

公共技术参数 Common Technology Parameters:

项 目 Item	参 数 Parameter	项 目 Item	参 数 Parameter
安装孔尺寸 Installation hole ize	Φ 19mm	机械寿命 Mechanical life	100万次以上 >1 million times
开关额定值 Switch Rated Value	2A/36VDC	电器寿命 Appliance life	20万次以上 >0.2 Million times
开 关 组 合 Switch combination	1NO, 符号: — sign	螺母扭矩 Nut torque	5~14N.m
操 作 类 型 Operation type	自复式 Nonstick type	操作压力 Operation pressure	约 4N
开 关 型 式 Switch type	慢动双触点 Slow moving double contact	操作行程 Operation stroke	≤2mm
接 触 电 阻 Contact resistance	≤50mΩ	材料 Material	外壳 Hull 不锈钢/黄铜镀镍/铝合金氧化黑 Stainless steel/brass nickelage/ Aluminum alloy anodized black
绝 缘 电 阻 Insulation Resistance	≥1000MΩ		按键 Key 工程塑料 Engineering plastics
绝 缘 强 度 Insulation strength	2000VAC		基座 Base 银合金 Silver alloy
环 境 温 度 Ambient temperature	-20℃~+55℃		触点 Contact



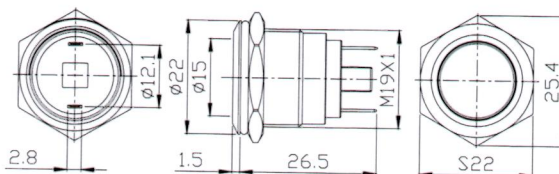
金属指示灯(接线柱)

PX19A—QJ/E▲▽/●

头部形状(★): Q球形
接线类型(■): J接线柱
发光类型(△): E环形
发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白
带灯电压(▽): 6/12/24/36V
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~8mm
防水等级: IP66
防护等级: IK03

Meal button switch (Wiring terminal)
PX19A—QJ/E▲▽/●

Head Style: Q Ball Shape
Connection type: Wiring terminal
Emitting Type: E Annular
Emitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nicklage
A Aluminum alloy anodize black
Faceplate Thickness: 1~8mm
Waterproof Rate: IP66
Protection Grade: IK03



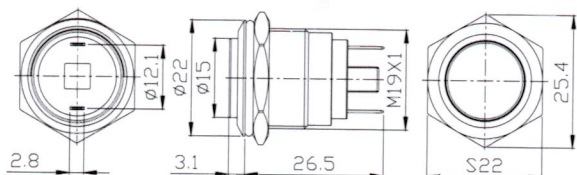
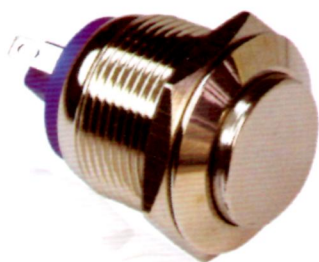
金属按钮开关(引脚式)

PX19A—P10Y/●

头部形状(★): P平圆形
开关组合(□): 10—1N0
接线类型(■): Y引脚式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
操作形式: 自复式
面板厚度: 1~8mm
防水等级: IP66
防护等级: IK09

Meal button switch (Pin type)
PX19A—P10Y/●

Head Style: P Flat Round Shape
Switch Combination: 10—1N0
Connection type: Pin type
Hull Material: S Stainless steel
N Brass nicklage
A Aluminum alloy anodize black
Operation Type: Nonstick type
Faceplate Thickness: 1~8mm
Waterproof Rate: IP66
Protection Grade: IK09



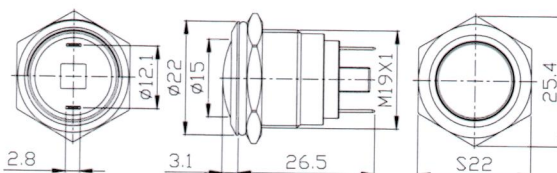
金属按钮开关(引脚式)

PX19A—G10Y/●

头部形状(★): G高平圆形
开关组合(□): 10—1N0
接线类型(■): Y引脚式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
操作形式: 自复式
面板厚度: 1~8mm
防水等级: IP66
防护等级: IK09

Meal button switch (Pin type)
PX19A—G10Y/●

Head Style: G High flat round Shape
Switch Combination: 10—1N0
Connection type: Pin type
Hull Material: S Stainless steel
N Brass nicklage
A Aluminum alloy anodize black
Operation Type: Nonstick type
Faceplate Thickness: 1~8mm
Waterproof Rate: IP66
Protection Grade: IK09



金属按钮开关(引脚式)

PX19A—Q10Y/●

头部形状(★): Q球形
开关组合(□): 10—1N0
接线类型(■): Y引脚式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
操作形式: 自复式
面板厚度: 1~8mm
防水等级: IP66
防护等级: IK09

Meal button switch (Pin type)
PX19A—Q10Y/●

Head Style: Q Ball Shape
Switch Combination: 10—1N0
Connection type: Pin type
Hull Material: S Stainless steel
N Brass nicklage
A Aluminum alloy anodize black
Operation Type: Nonstick type
Faceplate Thickness: 1~8mm
Waterproof Rate: IP66
Protection Grade: IK09

PX19A

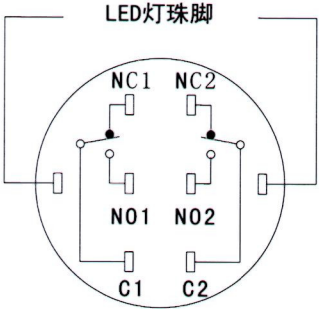
型号说明 Model Instruction

19	B	—	★	□	▼	/	△	▲	▽	/	●
安装孔尺寸 Installation hole size	系列号 Series No.	头部形状 P 平圆形 G 高平圆形 Q 球形 X 旋钮 Y 钥匙钮 Head Shape. P Flat Round Shape G High flat round shape Q Ball shape	开关组合 11-1N01NC 22-2N02NC Switch combination 11-1N01NC 22-2N02NC	操作形式 Z 自锁式 F 自复式 Operation Type: Z self-locking button F nonstick	发光类型 D 单点 E 环形 DD 多点 DE 单点+环 形 Emitting Type D Single point E Annular DD Multipoint DE Single point+Annular	发光颜色 Emitting Color R 红 Red G 绿 Green Y 黄 Yellow O 橙 Orange B 蓝 Blue W 白 White	带灯电压 AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 36V 其他电压可 定做 Voltage with light AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 36V Other voltages can be customized.	外壳材质 S 不锈钢 N 黄铜镀镍 A 铝合金氧 化黑 Hull material S Stainless steel N Brass nickelage A Aluminum alloy anodize black			

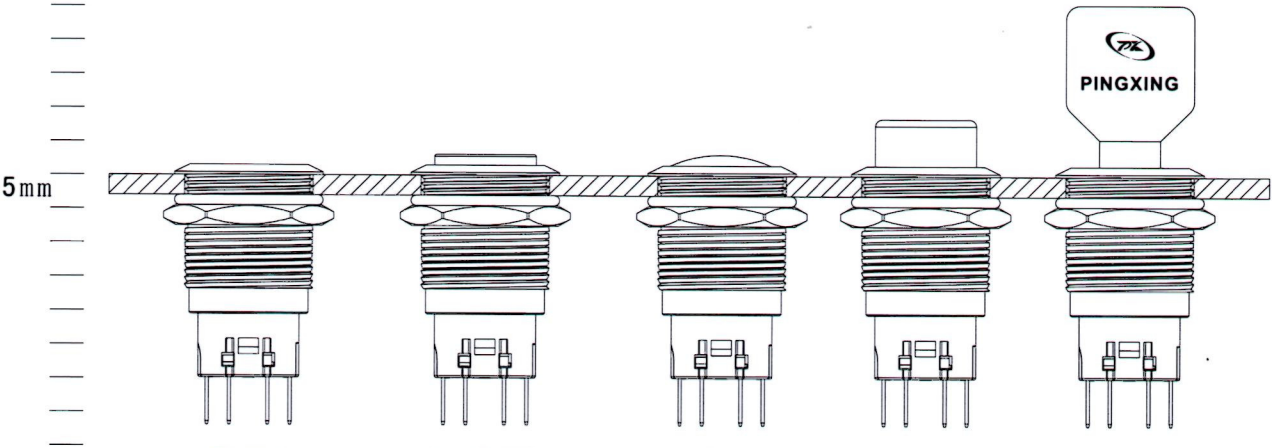
开关额定值 Switch Rated Value

额定绝缘电压Ui Rated Insulation Voltage			250V			
发热电流Ith Thermal Current			3A			
额定电压 Rated Voltage			12V	24V	110V	220V
额定使用 用电流	交流 50/60Hz AC 50/60Hz	电阻性负载 Resistive Load	—	—	1A	0.5A
		点感性负载 Inductive load	—	—	0.7A	0.5A
Rated Running Current	直流 DC	电阻性负载 Resistive Load	1A	1A	0.2A	—
		点感性负载 Inductive load	0.7A	0.7A	0.1A	—

引脚图 PIN



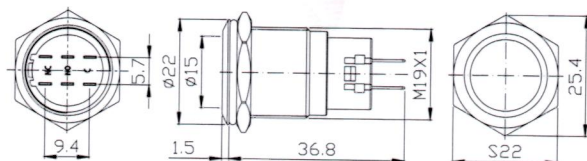
安装图 Installation drawing



平圆形 P Flat Round Shape
高平圆形 G High flat round shape
球形 Q Ball Shape
旋钮 rotate button
钥匙钮 key button

公共技术参数 Common Technology Parameters:

项 目 Item	参 数 Parameter	项 目 Item	参 数 Parameter
安装孔尺寸 Installation hole size	Φ 19mm	机械寿命 Mechanical life	100万次以上 >1 million times
开关额定值 Switch Rated Value	Ith: 5A Ui: 250V	电器寿命 Appliance life	5万次以上 >0.5 Million times
开关组合 Switch combination	C: 公共端 No: 常开端 NC: 常闭端 	螺母扭矩 Nut torque	5~14N.m
开关型式 Switch type	快动单触点	操作压力 Operation pressure	≤4N
接触电阻 Contact resistance	≤50mΩ	操作行程 Operation stroke	≤3.5mm
绝缘电阻 Insulation Resistance	≥1000MΩ	材料 Material	外壳 Hull 不锈钢/黄铜镀镍/铝合金氧化黑 Stainless steel/brass nickelage/ Aluminum alloy anodized black
绝缘强度 Insulation strength	2000VAC		按键 Key
环境温度 Ambient temperature	-20℃~+55℃		基座 Base 工程塑料 Engineering plastics
			触点 Contact 银合金 Silver alloy



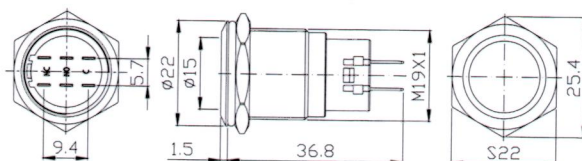
金属按钮开关(引脚式)

PX19B—P□Z/●

头部形状(★): P平圆形
开关组合(□): 11—1N01NC
22—2N02NC
操作形式(▼): Z自锁式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~10mm
防水等级: IP67
防护等级: IK09

Meal button switch (Pin type)
PX19B—P□Z/●

Head Style: P Flat Round Shape
Switch Combination: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK09



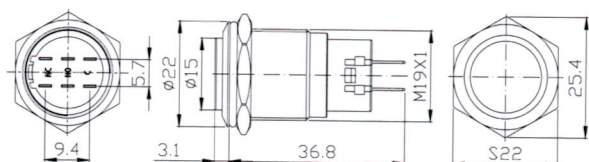
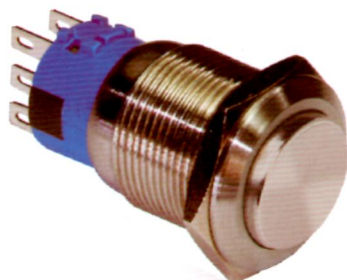
金属按钮开关(引脚式)

PX19B—P□F/●

头部形状(★): P平圆形
开关组合(□): 11—1N01NC
22—2N02NC
操作形式(▼): F自复式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~10mm
防水等级: IP67
防护等级: IK09

Meal button switch (Pin type)
PX19B—P□F/●

Head Style: P Flat Round Shape
Switch Combination: 11-1N01NC
22-2N02NC
Operation Type: F nonstick
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK09



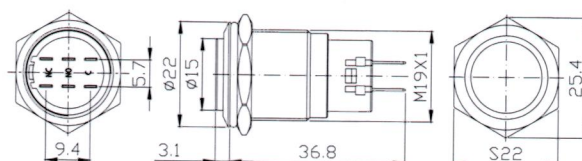
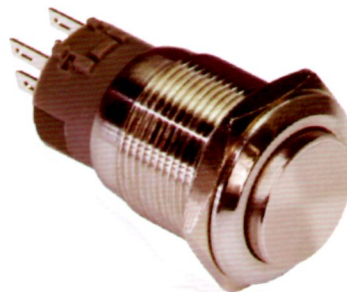
金属按钮开关(引脚式)

PX19B—G□Z/●

头部形状(★): G高平圆形
开关组合(□): 11—1N01NC
22—2N02NC
操作形式(▼): Z自锁式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~10mm
防水等级: IP67
防护等级: IK09

Meal button switch (Pin type)
PX19B—G□Z/●

Head Style: G High flat round Shape
Switch Combination: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK09



金属按钮开关(引脚式)

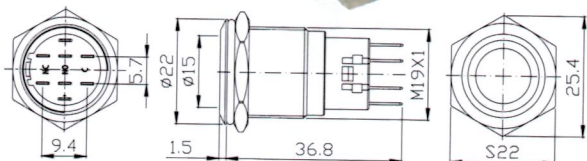
PX19B—G□F/●

头部形状(★): G高平圆形
开关组合(□): 11—1N01NC
22—2N02NC
操作形式(▼): F自复式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~10mm
防水等级: IP67
防护等级: IK09

Meal button switch (Pin type)
PX19B—G□F/●

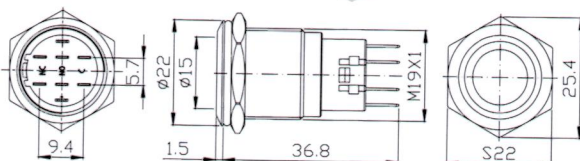
Head Style: G High flat round shape
Switch Combination: 11-1N01NC
22-2N02NC
Operation Type: F nonstick
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK09

PX19B



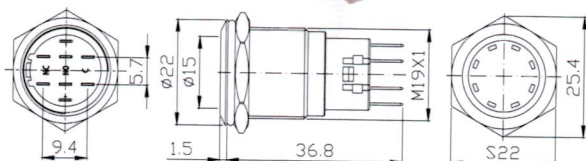
PX19B—P□Z/E▲▽/●

Head Style: P Flat Round Shape
Switch Connection: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
Emitting Type: E Annular
Emitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK09



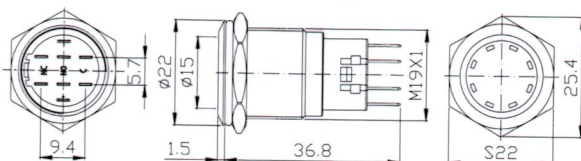
PX19B—P□F/E▲▽/●

Head Style: P Flat Round Shape
Switch Connection: 11-1N01NC
22-2N02NC
Operation Type: F nonstick
Emitting Type: E Annular
Emitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK09



PX19B—P□Z/DD▲▽/●

Head Style: P Flat Round Shape
Switch Connection: 11-1N01NC
22-2N02NC
Operation Type: Z self-locking button
Emitting Type: DD Multipoint
Emitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK09



PX19B—P□F/DD▲▽/●

Head Style: P Flat Round Shape
Switch Connection: 11-1N01NC
22-2N02NC
Operation Type: F nonstick
Emitting Type: DD Multipoint
Emitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK09

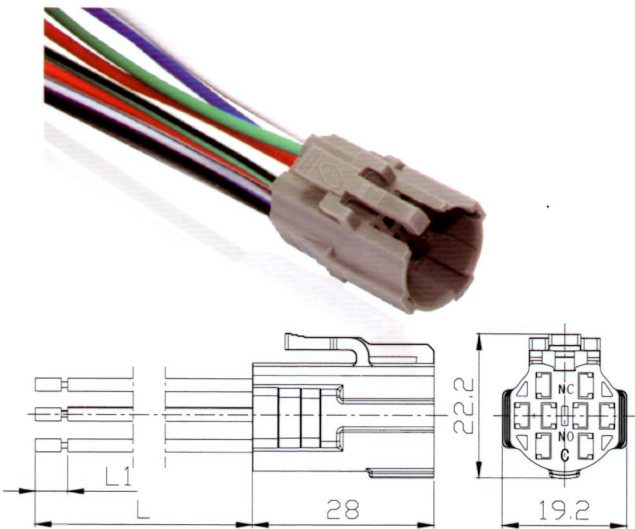
19B系列金属按钮开关配套用连接器 Associated Connector for 19B Series Metal Button Switch
连接效果图 Connecting Rendering



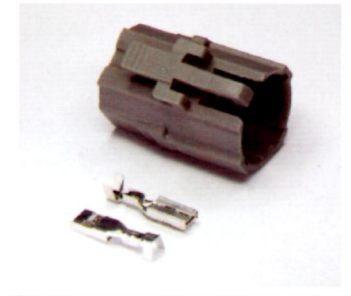
型号说明 Model Instruction

19	B	— □ /	L	/ L1
安装孔尺寸 Installing Hole Size	系列号 Series Number	开关与带灯组合 D1 带灯 1N01NC D2 带灯 2N02NC W1 无灯 1N01NC W2 无灯 2N02NC Switch and Light Combination	导线长度 Conducting wire Length	剥线长度 Wire Stripping Length

连接示意图 Connecting Diagram



连接器散件图(可配套提供自行装配)
Connector Component drawing
(Can be Supporting or Assembled by Yourselves)



连接器 (导线颜色无备注视为按照我公司标准执行)

PX19B-□/L/L1

导线规格: 0.75mm²

导线颜色: LED: + — 白色 - — 黑色

C: 蓝色/蓝白 NO: 红色/橙白 NC: 绿色/绿黑

导线承受电流: 5A

导线长度 L: 100-2000mm (可根据客户要求定制)

剥线长度 L1: 5-20mm (可根据客户要求定制)

Connector (Conducting wire color will be subject to the standard of our company providing without i

PX19B-□/L/L1

Conducting wire specification: 0.75mm²

Conducting wire color: LED: + — White - — Black

C: Blue/ NO: Red/ NC: Green/

Imposed Current of wire: 5A

Conducting wire length L: 100-2000mm (Customization is available)

Wire Stripping Length L1: 5-20mm (Customization is available)

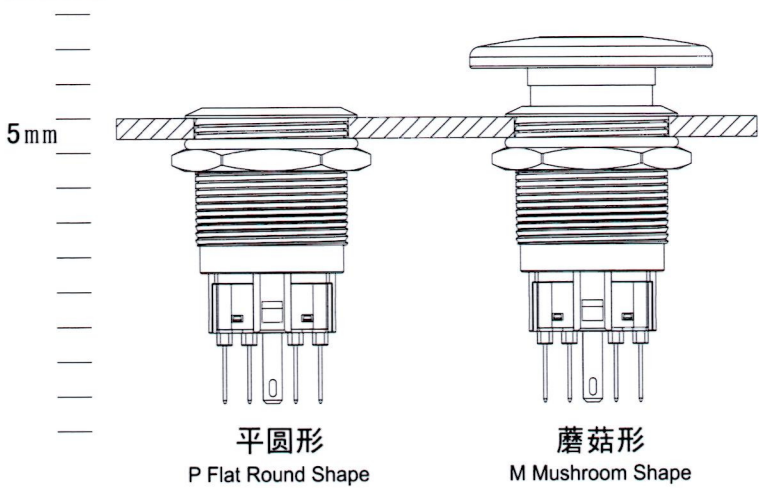
型号说明 Model Instruction

22	B	—	★	□	▼	/	△	▲	▽	/	●
安装孔尺寸 Installation hole size	系列号 Series No.	头部形状 P 平圆形 G 高平圆形 Q 球形 M 蘑菇形 Head Shape. P Flat Round Shape G High flat round shape Q Ball shape	开关组合 11-1N01NC Switch combination 11-1N01NC	操作形式 Z 自锁式 F 自复式 Operation Type: Z self-locking button F nonstick	发光类型 D 单点 E 环形 DD 多点 DE 单点+环 形 Emitting Type D Single point E Annular DD Multipoint De Single point+Annular	发光颜色 Emitting Color R 红 Red G 绿 Green Y 黄 Yellow O 橙 Orange B 蓝 Blue W 白 White	带灯电压 AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 36V 其他电压可 定做 Voltage with light AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 36V Other voltages can be customized.	外壳材质 S 不锈钢 N 黄铜镀镍 A 铝合金氧 化黑 Hull material S Stainless steel N Brass nickelage A Aluminum alloy anodize black			

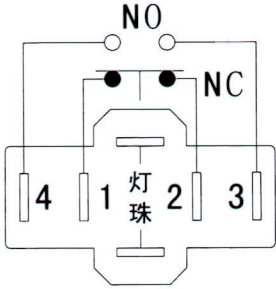
开关额定值 Switch Rated Value

额定绝缘电压Ui Rated Insulation Voltage			250V			
发热电流Ith Thermal Current			3A			
额定电压 Rated Voltage			12V	24V	110V	220V
额定使用 用电流	交流 50/60Hz AC 50/60Hz	电阻性负载 Resistive Load	—	—	1A	0.5A
		点感性负载 Inductive load	—	—	0.7A	0.5A
Rated Running Current	直流 DC	电阻性负载 Resistive Load	5A	5A	1A	0.5A
		点感性负载 Inductive load	2A	2A	0.2A	0.1A

安装图 Installation drawing

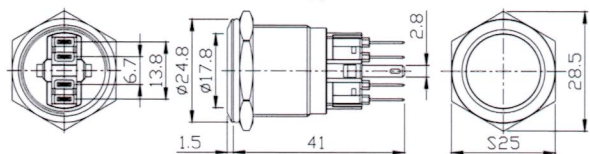
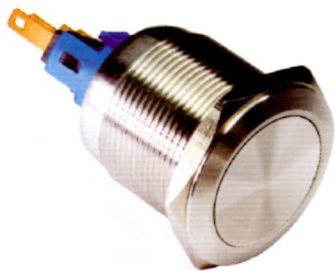


引脚图 PIN



公共技术参数 Common Technology Parameters:

项 目 Item	参 数 Parameter	项 目 Item	参 数 Parameter
安装孔尺寸 Installation hole size	φ 22mm	机械寿命 Mechanical life	100万次以上 >1 million times
开关额定值 Switch Rated Value	Ith: 5A Ui: 250V	电器寿命 Appliance life	5万次以上 >0.5 Million times
开关组合 Switch combination	1、2: 常开端 3、4: 常闭端 	螺母扭矩 Nut torque	5~14N.m
开关型式 Switch type	快动双触点	操作压力 Operation pressure	约 6 N
接触电阻 Contact resistance	≤50mΩ	操作行程 Operation stroke	≤3.5mm
绝缘电阻 Insulation Resistance	≥1000MΩ	材料 Material	外壳 Hull 不锈钢/黄铜镀镍/铝合金氧化黑 Stainless steel/brass nickelage/ Aluminum alloy anodized black
绝缘强度 Insulation strength	2000VAC		按键 Key 工程塑料 Engineering plastics
环境温度 Ambient temperature	-20℃~+55℃		基座 Base 工程塑料 Engineering plastics
			触点 Contact 银合金 Silver alloy



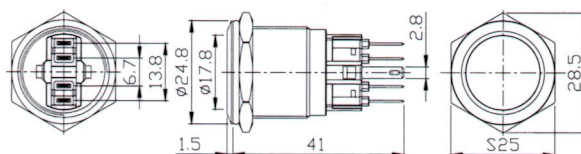
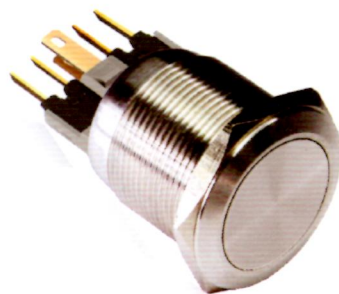
金属按钮开关(引脚式)

PX22A—P11Z/●

头部形状(★): P平圆形
开关组合(□): 11—1N01NC
操作形式(▼): Z自锁式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~10mm
防水等级: IP67
防护等级: IK10

Meal button switch (Pin type)
PX22A—P11Z/●

Head Style: P Flat Round Shape
Switch Connection: 11-1N01NC
Operation Type: Z self-locking button
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK10



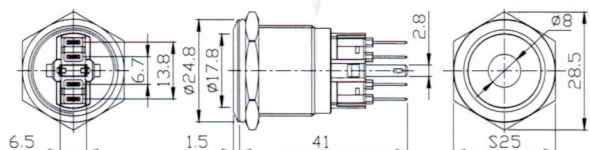
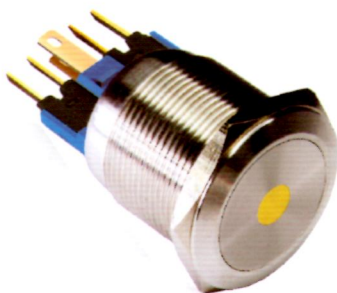
金属按钮开关(引脚式)

PX22A—P11F/●

头部形状(★): P平圆形
开关组合(□): 11—1N01NC
操作形式(▼): F自复式
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~10mm
防水等级: IP67
防护等级: IK10

Meal button switch (Pin type)
PX22A—P11F/●

Head Style: P Flat Round Shape
Switch Connection: 11-1N01NC
Operation Type: F nonstick
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK10



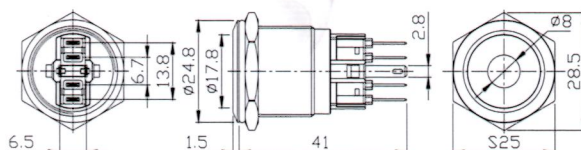
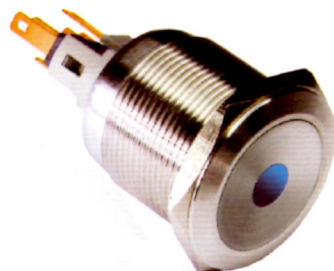
金属按钮开关(引脚式)

PX22A—P11Z/D▲▽/●

头部形状(★): P平圆形
开关组合(□): 11—1N01NC
操作形式(▼): Z自锁式
发光类型(△): D单点
发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白
带灯电压(▽): 6/12/24/36V
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~10mm
防水等级: IP67
防护等级: IK10

Meal button switch (Pin type)
PX22A—P11Z/D▲▽/●

Head Style: P Flat Round Shape
Switch Connection: 11-1N01NC
Operation Type: Z self-locking button
Emitting Type: D Single Point
Emitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK10



金属按钮开关(引脚式)

PX22A—P11F/D▲▽/●

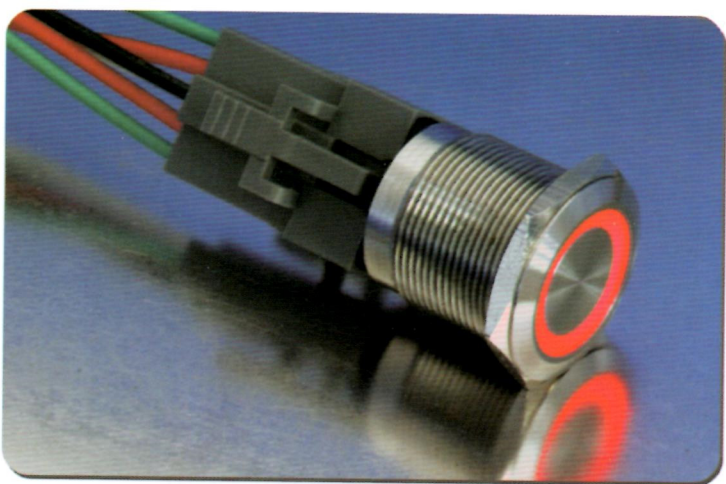
头部形状(★): P平圆形
开关组合(□): 11—1N01NC
操作形式(▼): F自复式
发光类型(△): D单点
发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白
带灯电压(▽): 6/12/24/36V
外壳材质(●): S不锈钢
N黄铜镀镍 A铝合金氧化黑
面板厚度: 1~10mm
防水等级: IP67
防护等级: IK10

Meal button switch (Pin type)
PX22A—P11F/D▲▽/●

Head Style: P Flat Round Shape
Switch Connection: 11-1N01NC
Operation Type: F nonstick
Emitting Type: D Single Point
Emitting Color: Red Green Yellow
Orange Blue White
Voltage with light: 6/12/24/36V
Hull Material: S Stainless steel
N Brass nickelage
A Aluminum alloy anodize black
Faceplate Thickness: 1~10mm
Waterproof Rate: IP67
Protection Grade: IK10

PX22A

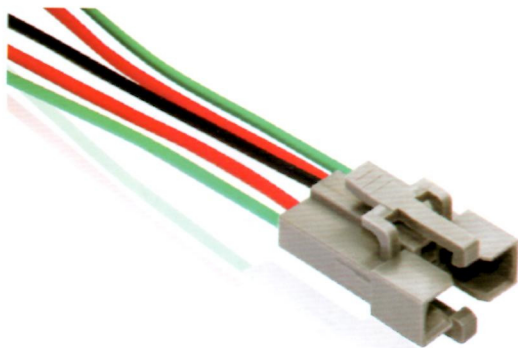
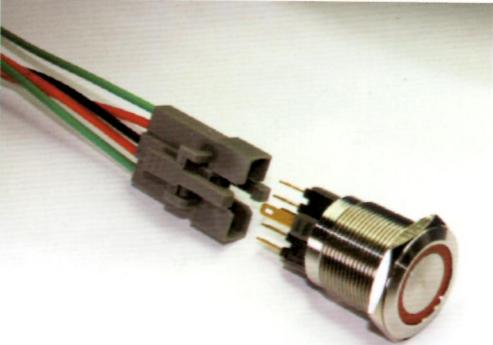
22A系列金属按钮开关配套用连接器 Associated Connector for 22A Series Metal Button Switch
连接效果图 Connecting Rendering



型号说明 Model Instruction

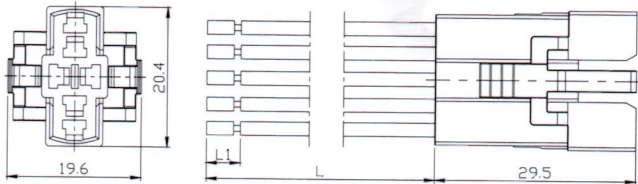
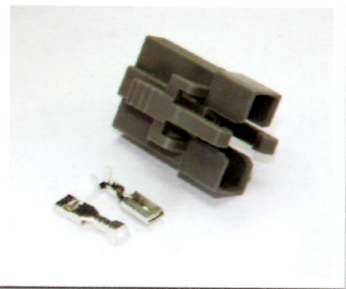
19	B	— □ / L / L1	
安装孔尺寸 Installing Hole Size	系列号 Series Number	开关与带灯组合 D1 带灯 1N01NC D2 带灯 1N01NC Switch and Light Combination	导线长度 Conducting wire Length
			剥线长度 Wire Stripping Length

连接示意图 Connecting Diagram



PX22A

连接器散件图(可配套提供自行装配)
Connector Component drawing
(Can be Supporting or Assembled by Yourselves)



连接器 (导线颜色无备注视为按照我公司标准执行)

PX22A-□/L/L1

导线规格: 0.75mm²

导线颜色: LED: + — 白色 - — 黑色
1、2: 红色 3、4: 绿色

导线承受电流: 5A

导线长度 L: 100-2000mm(可根据客户要求定制)

剥线长度L1: 5-20mm(可根据客户要求定制)

Connector(Conducting wire color will be subject to the standard of our company providing without remarks)

PX22A-□/L/L1

Conducting wire specification: 0.75mm²

Conducting wire color: LED: + — White - — Black
1、2: Red 3、4: Green

Imposed Current of wire: 5A

Conducting wire length L: 100-2000mm(Customization is available)

Wire Stripping Length L1: 5-20mm(Customization is available)

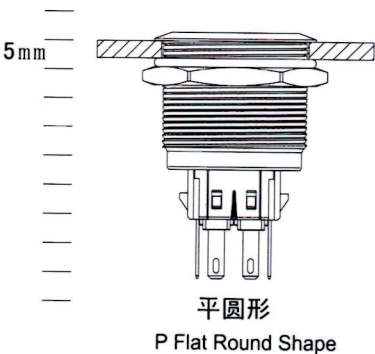
型号说明 Model Instruction

25	B	★	□	▼	/	△	▲	▽	/	●
安装孔尺寸 Installation hole size	系列号 Series No.	头部形状 P 平圆形 G 高平圆形 Q 球形 Head Shape. P Flat Round Shape G High flat round shape Q Ball shape	开关组合 11-1N01NC Switch combination 11-1N01NC	操作形式 Z 自锁式 F 自复式 Operation Type: Z self-locking button F nonstick	发光类型 D 单点 E 环形 DD 多点 DE 单点+环 形 Emitting Type D Single point E Annular DD Multipoint De Single point+Annular	发光颜色 Emitting Color R 红 Red G 绿 Green Y 黄 Yellow O 橙 Orange B 蓝 Blue W 白 White	带灯电压 AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 36V 其他电压可 定做 Voltage with light AC/DC 6V AC/DC 12V AC/DC 24V AC/DC 36V Other voltages can be customized.	外壳材质 S 不锈钢 N 黄铜镀镍 A 铝合金氧 化黑 Hull material S Stainless steel N Brass nickelage A Aluminum alloy anodize black		

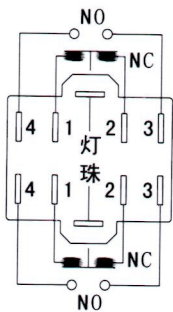
开关额定值 Switch Rated Value

额定绝缘电压Ui Rated Insulation Voltage		250V				
发热电流Ith Thermal Current		3A				
额定电压 Rated Voltage		12V	24V	110V	220V	
额定使用 用电流 Rated Running Current	交流 50/60Hz AC 50/60Hz	电阻性负载 Resistive Load	—	—	5A	3A
		点感性负载 Inductive load	—	—	3A	2A
	直流 DC	电阻性负载 Resistive Load	5A	5A	1A	0.5A
		点感性负载 Inductive load	2A	2A	0.2A	0.1A

安装图 Installation drawing



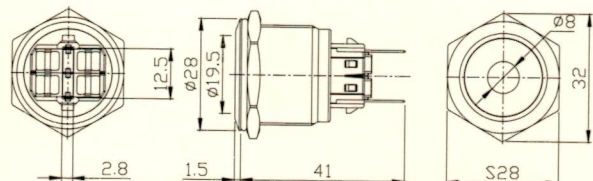
引脚图 PIN



公共技术参数 Common Technology Parameters:

项 目 Item	参 数 Parameter	项 目 Item	参 数 Parameter
安装孔尺寸 Installation hole size	Φ 22mm	机械寿命 Mechanical life	100万次以上 >1 million times
开关额定值 Switch Rated Value	Ith: 5A Ui: 250V	电器寿命 Appliance life	5万次以上 >0.5 Million times
开关组合 Switch combination	1、2: 常开端 3、4: 常闭端	螺母扭矩 Nut torque	5~14N.m
开关型式 Switch type	快动双触点	操作压力 Operation pressure	约 6 N
接 触 电 阻 Contact resistance	≤50m Ω	操作行程 Operation stroke	≤3.5mm
绝 缘 电 阻 Insulation Resistance	≥1000M Ω	材料 Material	外壳 Hull 不锈钢/黄铜镀镍/铝合金氧化黑 Stainless steel/brass nickelage/ Aluminum alloy anodized black
绝 缘 强 度 Insulation strength	2000VAC		按键 Key
环 境 温 度 Ambient temperature	-20℃ ~ +55℃		基座 Base 工程塑料 Engineering plastics
			触点 Contact 银合金 Silver alloy

PX25A



金属指示灯(引脚式)

PX25A—P/D▲▽/●

头部形状(★): P平圆形

发光类型(△): D单点

发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白

带灯电压(▽): 6/12/24/36V

外壳材质(●): S不锈钢

N黄铜镀镍 A铝合金氧化黑

面板厚度: 1~10mm

防水等级: IP67

防护等级: IK10

Meal button switch (Pin type)

PX25A—P/D▲▽/●

Head Style: P Flat Round Shape

Emitting Type: D Single point

Enitting Color: Red Green Yellow
Orange Blue White

Voltage with light: 6/12/24/36V

Hull Material: S Stainless steel

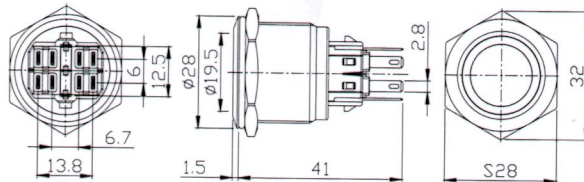
N Brass nickelage

A Aluminum alloy anodize black

Faceplate Thickness: 1~10mm

Waterproof Rate: IP67

Protection Grade: IK10



金属按钮开关(引脚式)

PX25A—P□Z/E▲▽/●

头部形状(★): P平圆形

开关组合(□): 11—1N01NC

22—2N02NC

操作形式(▽): Z自锁式

发光类型(△): E环形

发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白

带灯电压(▽): 6/12/24/36V

外壳材质(●): S不锈钢

N黄铜镀镍 A铝合金氧化黑

面板厚度: 1~10mm

防水等级: IP67

防护等级: IK10

Meal button switch (Pin type)

PX25A—P□Z/E▲▽/●

Head Style: P Flat Round Shape

Switch combination: 11-1N01NC

22-2N02NC

Operation Type: Z self-locking button

Emitting Type: E Annular

Enitting Color: Red Green Yellow

Orange Blue White

Voltage with light: 6/12/24/36V

Hull Material: S Stainless steel

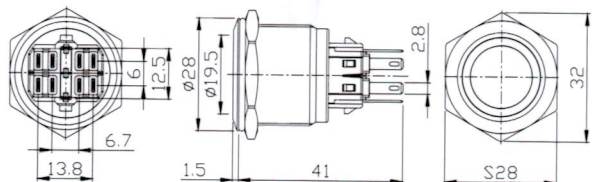
N Brass nickelage

A Aluminum alloy anodize black

Faceplate Thickness: 1~10mm

Waterproof Rate: IP67

Protection Grade: IK10



金属按钮开关(引脚式)

PX25A—P□F/E▲▽/●

头部形状(★): P平圆形

开关组合(□): 11—1N01NC

22—2N02NC

操作形式(▽): F自复式

发光类型(△): E环形

发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白

带灯电压(▽): 6/12/24/36V

外壳材质(●): S不锈钢

N黄铜镀镍 A铝合金氧化黑

面板厚度: 1~10mm

防水等级: IP67

防护等级: IK10

Meal button switch (Pin type)

PX25A—P□F/E▲▽/●

Head Style: P Flat Round Shape

Switch combination: 11-1N01NC

22-2N02NC

Operation Type: F nonstick

Emitting Type: E Annular

Enitting Color: Red Green Yellow

Orange Blue White

Voltage with light: 6/12/24/36V

Hull Material: S Stainless steel

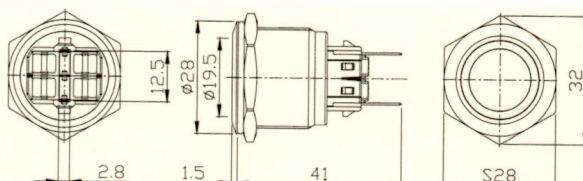
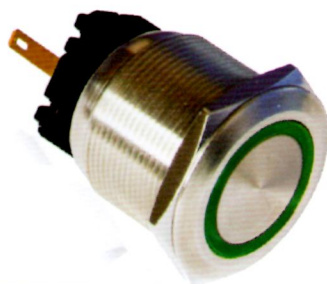
N Brass nickelage

A Aluminum alloy anodize black

Faceplate Thickness: 1~10mm

Waterproof Rate: IP67

Protection Grade: IK10



金属指示灯(引脚式)

PX25A—P/E▲▽/●

头部形状(★): P平圆形

发光类型(△): E环形

发光颜色(▲): R红 G绿 Y黄
O橙 B蓝 W白

带灯电压(▽): 6/12/24/36V

外壳材质(●): S不锈钢

N黄铜镀镍 A铝合金氧化黑

面板厚度: 1~10mm

防水等级: IP67

防护等级: IK10

Meal button switch (Pin type)

PX25A—P□F/E▲▽/●

Head Style: P Flat Round Shape

Emitting Type: E Annular

Enitting Color: Red Green Yellow

Orange Blue White

Voltage with light: 6/12/24/36V

Hull Material: S Stainless steel

N Brass nickelage

A Aluminum alloy anodize black

Faceplate Thickness: 1~10mm

Waterproof Rate: IP67

Protection Grade: IK10

PX25A