

# K8/10/12按钮开关及指示灯

Pushbutton & Indicator

## 产品特性/ Features

安装直径/Installation diameter:8/10/12mm  
 防护等级/Degree of Protection: IP40  
 紧凑型设计/Compact design saves space  
 灯罩防紫外线/Shade UV  
 LED超高亮冷光源灯显示  
 Super bright LED cold light source lamp display

## 相关认证/ Related certification

标准/Standard	认证标志/signal	认证机构/Agency certification
UL 508 CSA C22.2 No. 14		认证中 Under certification
GB14048.5		认证中 Under certification
EN60947-5-1 EN60947-5-5(注)		自我声明(根据欧洲低电压指令) Self-declaration (According to the European Low Voltage Directive)



## 产品规格/ Specifications

防护等级 Degree of Protection	选择IP40, 钥匙IP20, 其它IP65 Select IP40, key IP20, others IP65
触点类型 Contact Configuration	单刀、双刀 SPDT, DPDT
最大电压 Maximum Voltage	250V AC/DC
热电流 Thermal Current	5A
最小负载 Minimum Applicable Load	5V AC/DC, 1mA
触点材料 Contact Material	银合金 (镀金) Silver alloy (gold plated)
端子接式 Terminal Style	110端子型翼片 110 terminal type tab
工作温度 Operating Temperature	-25°C to +60°C
工作湿度 Operating Humidity	45 to 85% RH
接触电阻 Contact Resistance	50mΩ maximum

电气寿命 Electrical Life	50,000 次操作 50,000 Operations minimum
机械寿命 Mechanical Life	Maintained: 100,000 Momentary: 1,000,000 Selectotr /Keylock: 250, 000 (operations minimum) 自锁: 100,000 自复: 1,000,000 选择/钥匙: 250, 000 (最少操作)
工频耐压 Dielectric Strength	1500VAC 1min
绝缘电阻 Insulation Resistance	最小 100MΩ (500V DC 兆欧表) 100MΩ minimum (500V DC megger)
抗振性 Vibration Resistance	10 至 55Hz, 幅度 1.2mm 10 to 55Hz, amplitude 1.2mm p-p
保护等级 Degree of Protection	>10G

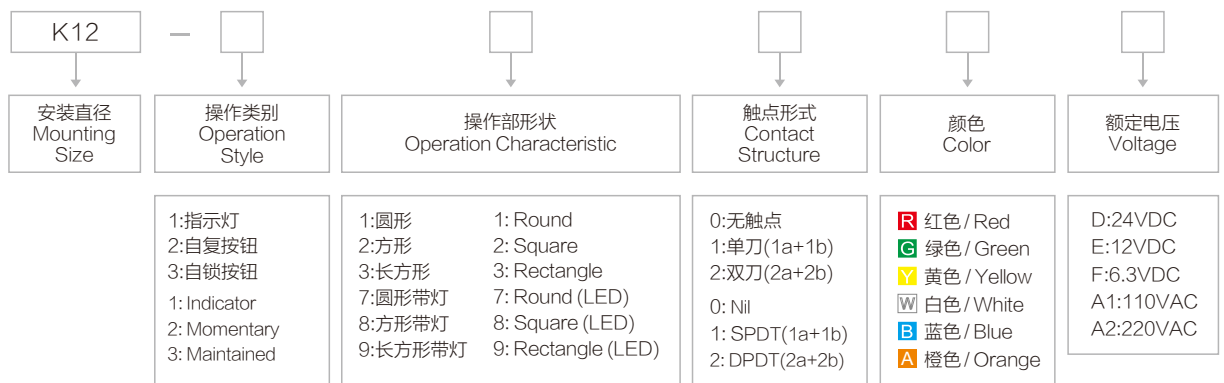
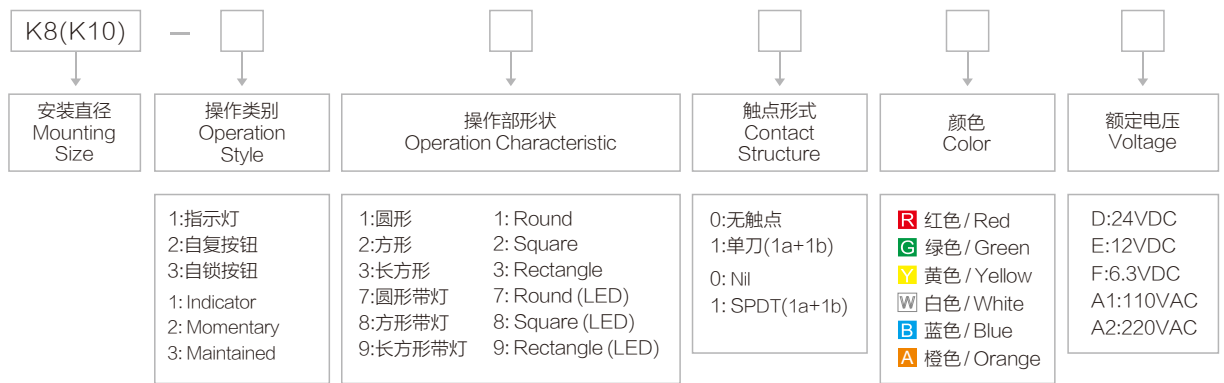
## LED灯珠参数/ LED Ratings

灯珠电压 Bead Voltage	电流/Current
3V DC	8mA
6-48V AC/DC	7-10mA
110-220V AC	2-3mA

## 触点参数/ Contact Ratings (AC-15 DC-13)

工作电压/Working voltage		24V	110V	220V
AC (50/60Hz)	阻性 Resistive	—	1.0A	0.5A
	感性 Inductive	—	0.7A	0.5A
DC	阻性 Resistive	1.0A	0.2A	—
	感性 Inductive	0.7A	0.1A	—

按钮开关型号命名/ Pushbutton Select Code



安装尺寸/ Installation size

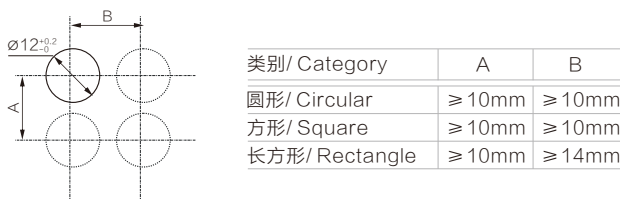
■ K8安装尺寸/ K8 Installation size

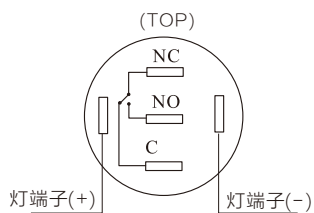


■ K10安装尺寸/ K10 Installation size

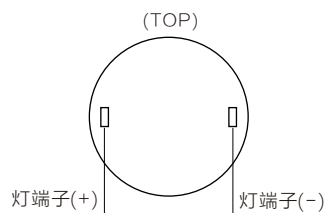


■ K12安装尺寸/ K12 Installation size



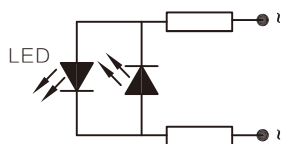


按钮开关/ Push Button

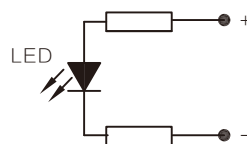


指示灯/ Indicator

灯珠电路图/ LED Circuit



适用交流: 6.3VAC, 12VAC, 24VAC, 48VAC, 110VAC, 220VAC  
For 6.3VAC, 12VAC, 24VAC, 48VAC, 110VAC, 220VAC



适用直流: 6.3VDC, 12VDC, 24VDC  
For 6.3VDC, 12VDC, 24VDC

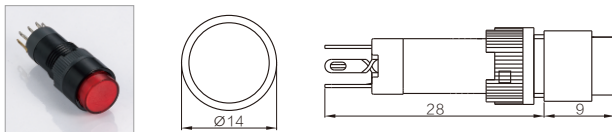
K12指示灯系列/ K12 Indicator lamp

名称/外观 Product appearance	灯罩颜色 Top Color	额定电压 Rated Voltage
圆形 / Round K12-170 □● 	请用下列颜色编码 替换型号中的"□" R 红色/Red G 绿色/Green Y 黄色/Yellow W 白色/White B 蓝色/Blue	请用下列颜色编码 替换型号中的"●" D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC
方形 / Square K12-180 □● 		
长方形 / Rectangle K12-190 □● 		

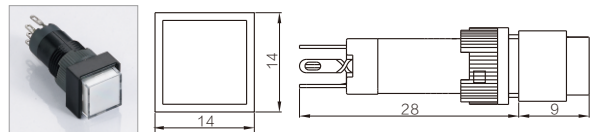
K12按钮系列 / K8 Push button

名称/外观 Product appearance	操作类别 Operation	带灯形式 Illuminated type	触点 Contact	产品型号 Model	灯罩颜色 Top Color	额定电压 Rated Voltage
圆形 / Round 	自复 Momentary	不带灯 Without LED	单刀/SPDT	K12-211 □●	请用下列颜色编码 替换型号中的"□" R 红色/Red G 绿色/Green Y 黄色/Yellow W 白色/White B 蓝色/Blue	请用下列颜色编码 替换型号中的"●" D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC
		带灯 With LED	双刀/DPDT	K12-212 □●		
		带灯 With LED	单刀/SPDT	K12-271 □●		
	自锁 Maintained	不带灯 Without LED	双刀/DPDT	K12-272 □●		
		带灯 With LED	单刀/SPDT	K12-311 □●		
		带灯 With LED	双刀/DPDT	K12-312 □●		
方形 / Square 	自复 Momentary	不带灯 Without LED	单刀/SPDT	K12-221 □●	请用下列颜色编码 替换型号中的"□" R 红色/Red G 绿色/Green Y 黄色/Yellow W 白色/White B 蓝色/Blue	请用下列颜色编码 替换型号中的"●" D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC
		带灯 With LED	双刀/DPDT	K12-222 □●		
		带灯 With LED	单刀/SPDT	K12-281 □●		
	自锁 Maintained	不带灯 Without LED	双刀/DPDT	K12-282 □●		
		带灯 With LED	单刀/SPDT	K12-321 □●		
		带灯 With LED	双刀/DPDT	K12-322 □●		
长方形 / Rectangle 	自复 Momentary	不带灯 Without LED	单刀/SPDT	K12-231 □●	请用下列颜色编码 替换型号中的"□" R 红色/Red G 绿色/Green Y 黄色/Yellow W 白色/White B 蓝色/Blue	请用下列颜色编码 替换型号中的"●" D:24VDC E:12VDC F:6.3VDC A1:110VAC A2:220VAC
		带灯 With LED	双刀/DPDT	K12-232 □●		
		带灯 With LED	单刀/SPDT	K12-291 □●		
	自锁 Maintained	不带灯 Without LED	双刀/DPDT	K12-292 □●		
		带灯 With LED	单刀/SPDT	K12-331 □●		
		带灯 With LED	双刀/DPDT	K12-332 □●		

圆形指示灯/按钮



方形指示灯/按钮



长方形指示灯/按钮

