



技术性能参数

电气额定值(阻性负载): 3A /250V AC

接触电阻(初始值): $\leq 50m\Omega$

绝缘电阻(常态): $\geq 1,000M\Omega$

耐压(常态): 1,500V

电气寿命(次): 10,000

机械寿命(次): 50,000

工作环境温度: $-5^{\circ}C \sim +55^{\circ}C$

防护等级: IP40

型号命名规则

KD2 - A 2 1 L 12 B R

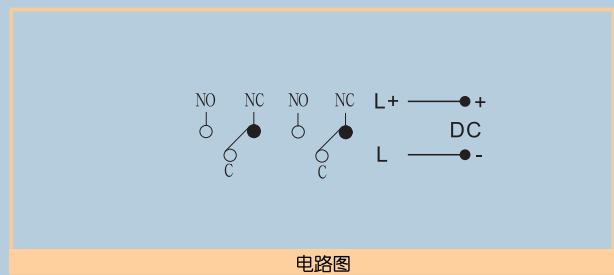
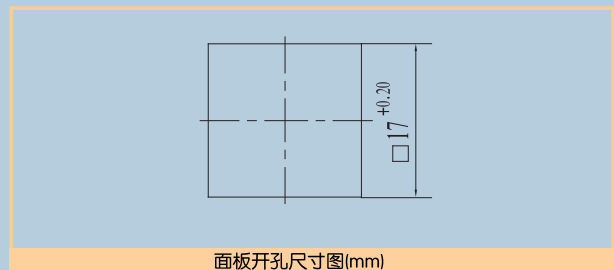
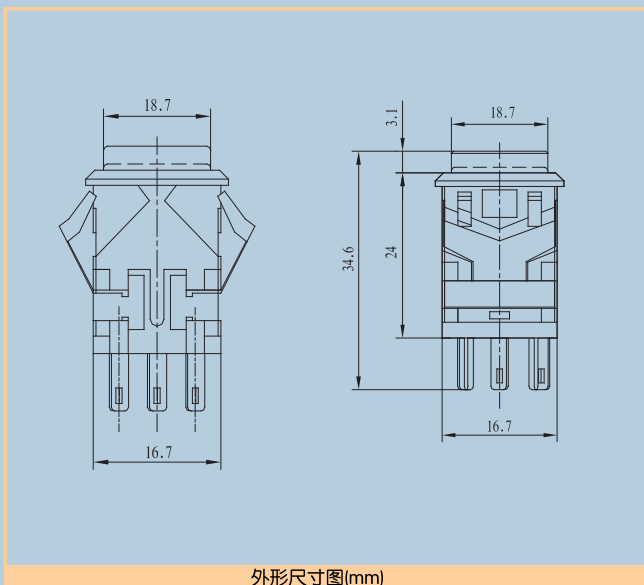
- 按钮颜色(见颜色代码表)
- 外壳颜色(同颜色代码表)
- 灯压: 2V 6V 12V 24V 110VAC 220VAC
- 照明件类型: L.LED N.氖灯
- 动作与照明: 1.自锁带灯 2.无锁带灯 3.自锁无灯 4.无锁无灯
- 极数: 2.双极
- 类别: A.点发光(点光罩) B.面发光(面光罩)
- 产品系列号



举例:KD2-A21L2WY

颜色	红色	绿色	蓝色	白色	黑色	橙色	黄色
代码	R	G	S	W	B	A	Y

尺寸图(mm)



选型表

类型	参考外形	照明件及发光类型	双极自锁	双极无锁
带灯		LED点发光	KD2-A21L□◇○	KD2-A22L□◇○
		LED面发光	KD2-B21L□◇○	KD2-B22L□◇○
		氙灯点发光	KD2-A21N■◇○	KD2-A22N■◇○
		氙灯面发光	KD2-B21N■◇○	KD2-B22N■◇○
无灯		点光罩	KD2-A21◇○	KD2-A22◇○
		面光罩	KD2-B21◇○	KD2-B22◇○

注：表中□表示LED直流电压等级，根据电路需要可以选择2V,6V,12V,24V。■表示氙灯交流电压等级为110V,220V。◇为外壳颜色代码，目前我公司常用外壳颜色为白色和黑色。○表示按钮颜色代码。

常规产品触点额定值

产品	发热电流	额定工作电压	额定工作电流			
			交流AC		直流DC	
			AC-13 感性负载	AC-12 阻性负载	DC-13 感性负载	DC-12 阻性负载
KD2按钮开关	5A	24V	—	—	2.1A	3A
		110V	3A	4.5A	—	—
		125V	—	—	0.45A	0.6A
		250V	2.1A	3A	—	—

照明件性能指标

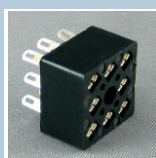
■LED电子发光二极管

工作电压	2V	6V	12V	24V	110V	220V	寿命	等效电路
工作电流	小于20mA				小于5mA		约5万小时(当用于直流是亮度减少到原来的50%)	
LED颜色	红 绿 黄 橙 蓝							
按钮罩颜色	红 绿 黄 橙 蓝							

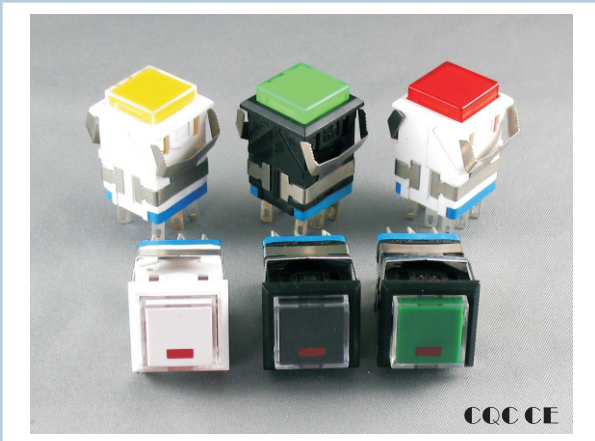
■氙灯管

工作电压	110V AC	220V AC
工作电流	小于1mA	小于1mA
LED颜色	红 绿	
按钮罩颜色	红 绿	

附件



本插座为KD2型按钮开关专用插座,使用本插座可以方便开关的安装和更换开关,同时也省去对开关的直接焊接,从而可延长开关的使用寿命。



SPECIFICATION

Max. Rating Current & Voltage(Resistive Load):3A /250V AC

Contact Resistance: $\leq 50m\Omega$

Insulation Resistance: $\geq 1,000M\Omega$

Dielectric Strength: 1,500V

Electronic Life(cycles): 10,000

Mechanical Life(cycles): 50,000

Operating temperature: $-5^{\circ}C \sim +55^{\circ}C$

IP code: IP40

THE STYLES SKETCH

KD2 - A 2 1 L 12 B R

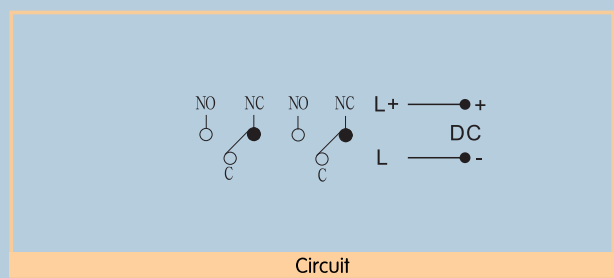
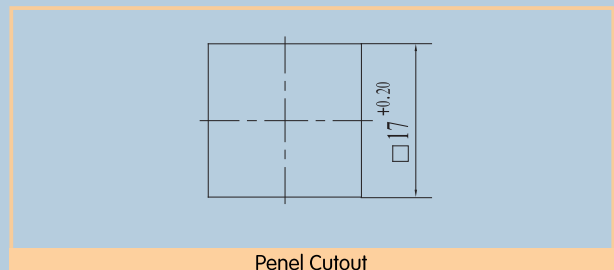
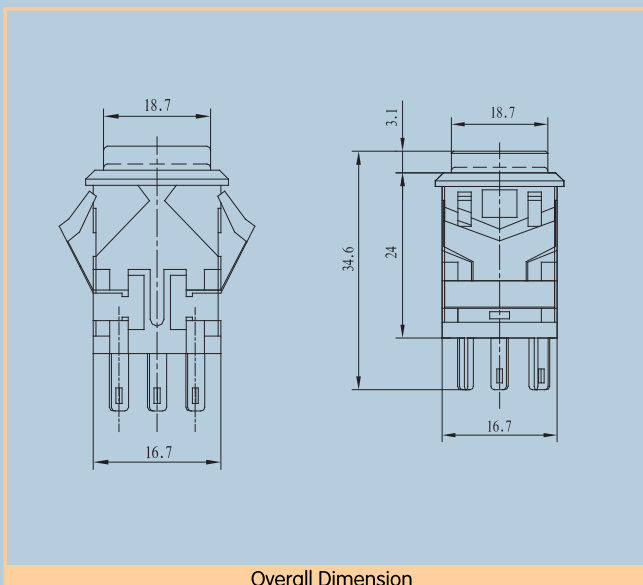
- Button color (See color code table)
- Shell color (same the color code table)
- Lamp voltage: 2-2V, 6-6V, 12-12V, 24-24V, 110-110VAC, 220-220VAC
- Lamp type: L-LED N-Neon lamp
- Operating function: 1-Alternate with lamp, 2-Momentary with lamp, 3-Alternate without lamp, 4-Momentary without lamp
- Contact arrangement: 2, DP
- Type: A. Luminous point (point mask) B. Light-emitting surface (face mask)
- Basic Style No.









Example:KD2-A21L2WY

Color	Red	Green	Blue	White	Black	Orange	Yellow
Code	R	G	S	W	B	A	Y

SIZE CHART (mm)



Model List

Type	Products	Lamp	DP-Alternate	DP-Momentary
With lamp		LED Point of light-emitting	KD2-A21L□◇○	KD2-A22L□◇○
		LED Point of light-Surface	KD2-B21L□◇○	KD2-B22L□◇○
		Neon Point of light-emitting	KD2-A21N■◇○	KD2-A22N■◇○
		Neon Point of light-Surface	KD2-B21N■◇○	KD2-B22N■◇○
Without lamp		Point mask	KD2-A21◇○	KD2-A22◇○
		face mask	KD2-B21◇○	KD2-B22◇○

Note: LED table □ said DC voltage level, according to the needs of the circuit can choose to 2V, 6V, 12V, 24V. ■ said AC voltage rating of neon 110V, 220V. ◇ color for the case on behalf of code, I have used shell companies for the white and black colors. ○ that the button color code.


Contact Resistance

products	Convention al free air thermal current	Rated operationalvoltage	Rated operational current			
			AC		DC	
			AC-13 Inductive load	AC-12 Resistive load	DC-13 Inductive load	DC-12 Resistive load
A/AD16 pushbutton switch	5A	24V	—	—	2. 1A	3A
		110V	3A	4. 5A	—	—
		125V	—	—	0. 45A	0. 6A
		250V	2. 1A	3A	—	—

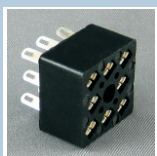
Lighting pieces of performance indicators

■LED

■Neon

Operating voltage	2V	6V	12V	24V	110V	220V	Life	Equivalent circuit	Operatin g voltage	110V AC	220V AC
Current	Less than20mA			Less than 5mA			About 50,000 hours (when used in direct current is reduced to the original brightness of 50%)		Current	Less than 3mA	Less than 1mA
LED color	Red Green Blue Yellow Orange								color	Red Green	
Button color	Red Green Blue Yellow Orange								Button color	Red Green	

Accessories



KD2 the socket type for the dedicated button to switch socket, the socket can be used to facilitate the installation and replacement of switch switch, but also eliminates the need to switch the direct welding, in order to extend the service life of switch.