

■ 按钮开关系列 及指示灯



特性 /Features

- ◆ 安装直径 /Installation diameter: 16/22mm
- ◆ 防护等级 /Degree of Protection: IP40/IP65
- ◆ 触点银镀金 /Silver Plated contact: 3μ
- ◆ 紧凑型设计 /Compact design saves space
- ◆ 灯罩防紫外线 /UV Protective lamp shade
- ◆ LED 超高亮冷光源 灯显示
Super bright LED cold light source lamp display

技术参数 Technical parameters

额定绝缘电压 Rated insulation voltage	250VAC/DC	
环境温度(不结露或结冰)Ambient temperature(no condensation or Ice)	-25℃~+55℃	
湿度(不结露或结冰)Humidity(no condensation or Ice)	45 至 85%RH(-5 至 +40℃) 45~85%RH(-5~+40℃)	
介电强度 Dielectric strength	2500VAC/1 分钟 2500VAC/1min	
动作频率 Operating frequency	1200 次操作 /小时(通电流:40%) 1200 time/hour(power-on ratio:40%)	
接触电阻 Contact resistance	30mΩ 或以下 30mΩ or below	
绝缘电阻 Insulation resistance	30mΩ 或以上(500VDC 高阻表) 30mΩ or above(500VDC megameter)	
防护等级 Protection grade	IP40 IP65	
寿命(动作) Performance life	机械 Mechanical	按钮开关 Push-button switch 瞬动型:1 百万次 Momentary type:1million times 交替型:250000 次 On off type:250000 times 推入锁定, 转动复位:100000 次 Push and lock, turn to reset:100000 times 钥匙开关和选择开关:250000 次 Key switch and selector switch:250000 times
	电气 Electric	100000 次(220V AC 0.7A)

触点额定值 Contact rated value

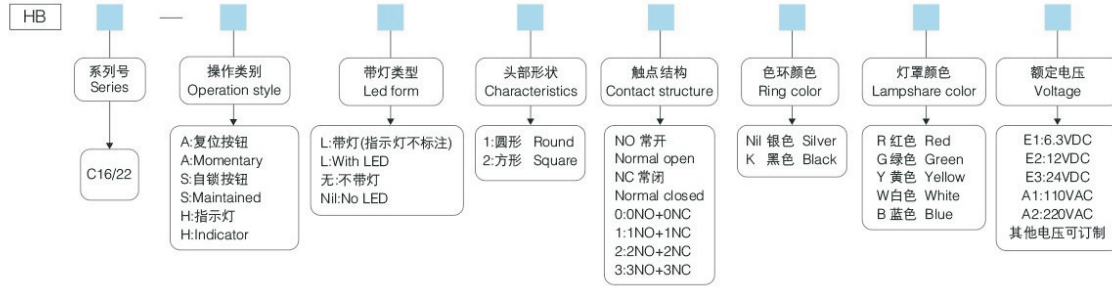
额定热电流 Rated hot current	5A		
额定工作电压 Rated working voltage	24V	110V	220V
最大电流 Max current	AC(阻性负载) AC(resistance load)	1.0A	0.5A
	DC(阻性负载) DC(resistance load)	1.0A	0.2A
LED 额定值 LED Ratings	额定工作电压 Rated working voltage	6VDC 12VDC 24VDC	
	额定工作电流 Rated working current	10mA	

LED 灯珠参数 LED Ratings

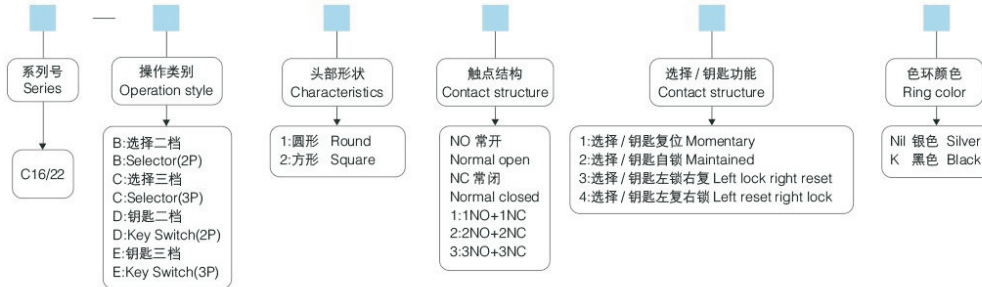
额定电压 Rated Voltage	电流 Current
5V DC ± 5%	8mA
	AC:A,R,W,Y:8mA
	G,S:7mA
6V AC/DC(± 10%)	DC:A,R,W,Y:6mA
	G,S:5mA
	AC:9mA DC:8mA
24V AC/DC(± 10%)	AC:9mA DC:8mA

按钮开关系列及指示灯

型号命名 / Select code



选择和钥匙开关命名方式 Selector and Key Switch Select Code



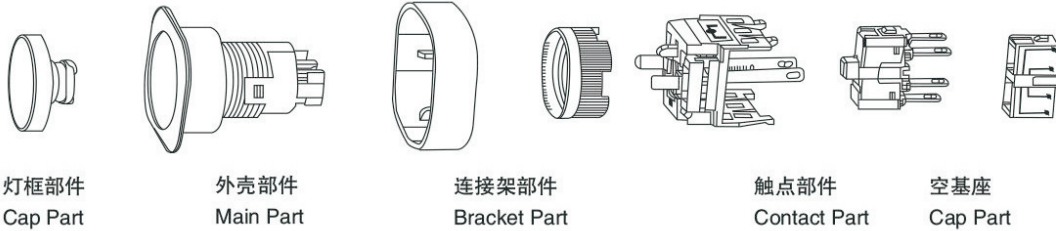
选择钮, 钥匙钮手柄位置 Selector and Key Switch Handle Positon

操作位规格 Operation		触点 Contact		
90° 2位 2 Positon	 自锁 Maintained	 自复 Momentary	单刀 SPDT 双刀 DPDT 	
	 自锁 Maintained	 左锁右复 Left lock Right reset	 左复右锁 Left reset Right lock	 自复 Momentary

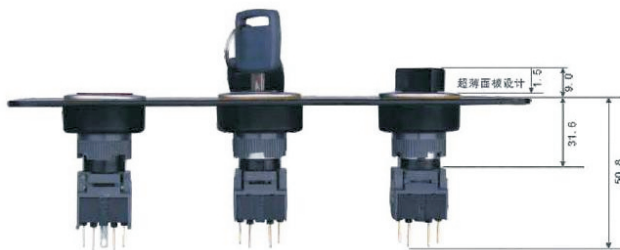
选择/钥匙旋转角度 90° 是基本 Selector/Key basic rotation angle 90°

区分/Sort	复位方式/Reset Style				钥匙拔出位置/KEY Out Positon							
	自锁 Maintained	自复/Momentary										
3段/3 Positon	⊗	⊙			⊗	⊗	⊙					
代号/Code	2	0			A	B	D					
3段/3 Positon	⊕	⊙	⊙	⊙	⊗	⊗	⊗	⊙	⊙	⊙	⊙	⊙
代号/Code	3	7	6	1	A	B	C	D	E	F	G	

装配图 /Assembling



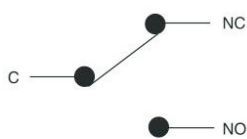
安装深度 /Installation depth(mm)



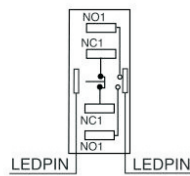
除指示灯外，其他产品安装深度都为 42.5mm
Installation depth of other products is 42.5mm except for indicator lamp

触点结构 /Contact Structure

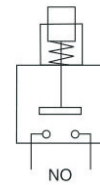
触点方式 /Contact Style



端子描述 /Terminal Description



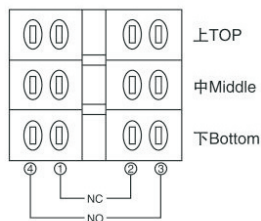
结构图 /Structure diagram



端子排列图 /Terminal style

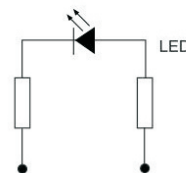
右侧产品的底座看成正面时，端子排列顺序及内部电路图。
As shown at right, the base of product to be seen as front side, which show terminal disposition and inside coil drawing.

产品出厂时基本安装触点座 1C(1a+1b)，在需要时请指定增加最多 3C(1a+1b)。
Product assemble contact 1C(1a+1b), If needed, Please appoint to add at least 3C(1a+1b).



灯珠电路图 /LED Circuit


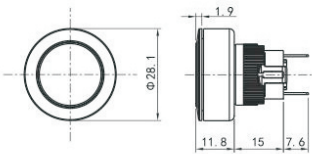

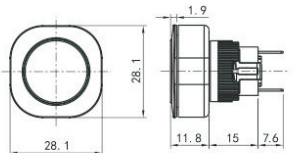
适用于交流 12VDC, 24VDC, 110VAC, 220VAC 系列
For 12VDC, 24VDC, 110VAC, 220VAC


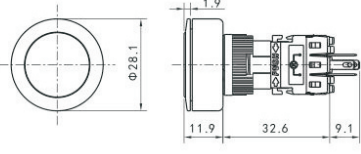


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Push button & Indicator

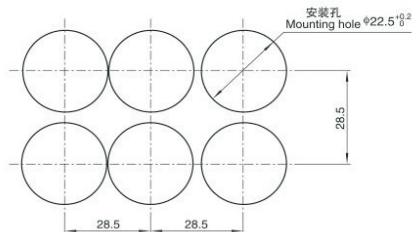
>> C16/22 Series

名称 / 外观 Product appearance	操作类别 Operation	带灯形式 Led form	触点 Contact	产品型号 Model	灯罩颜色 Top Color	外形尺寸 Overall dimension
 <p>圆形 Circular</p>	指示灯 Indicator lamp	带灯 With LED	0NO+0NC	C16/22-H10 ◆●	◆: 色环颜色 Ring color S 银色 Silver K 黑色 Black ●: 灯罩颜色 Lampshade color	
 <p>方形 Square</p>	指示灯 Indicator lamp	带灯 With LED	0NO+0NC	C16/22-H20 ◆●	R 红色 Red G 绿色 Green Y 黄色 Yellow W 白色 White B 蓝色 Blue O 橙色 Orange	

名称 / 外观 Product appearance	操作类别 Operation	带灯形式 Led form	触点 Contact	产品型号 Model	灯罩颜色 Top Color	外形尺寸 Overall dimension		
 <p>圆形 Circular</p>	复位 Momentary	不带灯 Without LED	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-A11 ◆● C16/22-A12 ◆● C16/22-A13 ◆●	◆: 色环颜色 Ring color S 银色 Silver K 黑色 Black ●: 灯罩颜色 Lampshade color R 红色 Red G 绿色 Green Y 黄色 Yellow W 白色 White B 蓝色 Blue O 橙色 Orange			
		带灯 With LED	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-AL11 ◆● C16/22-AL12 ◆● C16/22-AL13 ◆●				
		自锁 Maintained	不带灯 Without LED	1NO+1NC 2NO+2NC 3NO+3NC			C16/22-S11 ◆● C16/22-S12 ◆● C16/22-S13 ◆●	
	带灯 With LED		1NO+1NC 2NO+2NC 3NO+3NC	C16/22-SL11 ◆● C16/22-SL12 ◆● C16/22-SL13 ◆●				
	方形 Square		复位 Momentary	不带灯 Without LED			1NO+1NC 2NO+2NC 3NO+3NC	C16/22-A21 ◆● C16/22-A22 ◆● C16/22-A23 ◆●
		带灯 With LED		1NO+1NC 2NO+2NC 3NO+3NC			C16/22-AL21 ◆● C16/22-AL22 ◆● C16/22-AL23 ◆●	
自锁 Maintained		不带灯 Without LED		1NO+1NC 2NO+2NC 3NO+3NC	C16/22-S21 ◆● C16/22-S22 ◆● C16/22-S23 ◆●			
		带灯 With LED	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-SL21 ◆● C16/22-SL22 ◆● C16/22-SL23 ◆●				

安装尺寸 / Installation size

圆形 / 方形 Round/Square




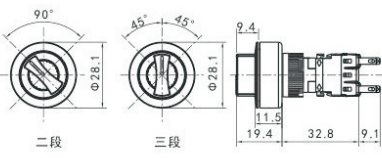

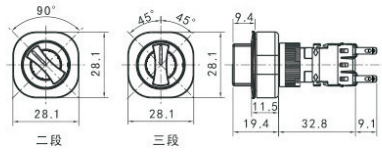

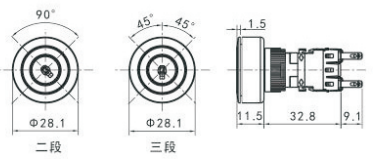

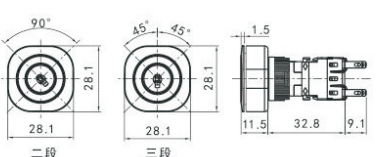
注: 安装间距是最小值, 请考虑自身设备的作业性、使用的操作性后再确定安装孔间距。

Note: above installation gap is the min value, please determine the installation hole gap according to equipment operation property and using property.

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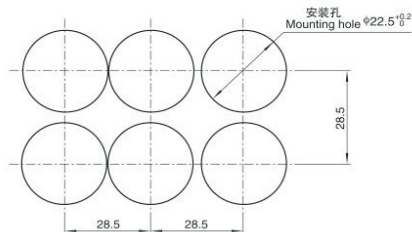
Selector and key switch

» C16/22 Series

名称 / 外观 Product appearance	操作类别 Operation	操作规格 Operation specification	触点 Contact	产品型号 Model	色环颜色 Ring Color	外形尺寸 Overall dimension
圆形 Circular 	复位 Momentary	选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-B111 ◆ C16/22-B121 ◆ C16/22-B131 ◆	◆: 色环颜色 Ring color S 银色 Silver K 黑色 Black	
		选择三档 Selector(3P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-C111 ◆ C16/22-C121 ◆ C16/22-C131 ◆		
		选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-B112 ◆ C16/22-B122 ◆ C16/22-B132 ◆		
	自锁 Maintained	选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-B211 ◆ C16/22-B221 ◆ C16/22-B231 ◆		
		选择三档 Selector(3P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-C211 ◆ C16/22-C221 ◆ C16/22-C231 ◆		
		选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-B212 ◆ C16/22-B222 ◆ C16/22-B232 ◆		
方形 Square 	复位 Momentary	选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-B221 ◆ C16/22-B231 ◆ C16/22-C211 ◆		
		选择三档 Selector(3P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-C211 ◆ C16/22-C221 ◆ C16/22-C231 ◆		
		选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-B212 ◆ C16/22-B222 ◆ C16/22-B232 ◆		
	自锁 Maintained	选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-B221 ◆ C16/22-B231 ◆ C16/22-C211 ◆		
		选择三档 Selector(3P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-C211 ◆ C16/22-C221 ◆ C16/22-C231 ◆		
		选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-B212 ◆ C16/22-B222 ◆ C16/22-B232 ◆		
圆形 Circular 	复位 Momentary	选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-D111 ◆ C16/22-D121 ◆ C16/22-D131 ◆		
		选择三档 Selector(3P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-E111 ◆ C16/22-E121 ◆ C16/22-E131 ◆		
		选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-D112 ◆ C16/22-D122 ◆ C16/22-D132 ◆		
	自锁 Maintained	选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-D112 ◆ C16/22-D122 ◆ C16/22-D132 ◆		
		选择三档 Selector(3P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-E112 ◆ C16/22-E122 ◆ C16/22-E132 ◆		
		选择二档 Selector(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-D211 ◆ C16/22-D221 ◆ C16/22-D231 ◆		
方形 Square 	复位 Momentary	钥匙二档 Key switch(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-D211 ◆ C16/22-D221 ◆ C16/22-D231 ◆		
		钥匙三档 Key switch(3P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-E211 ◆ C16/22-E221 ◆ C16/22-E231 ◆		
		钥匙二档 Key switch(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-D212 ◆ C16/22-D222 ◆ C16/22-D232 ◆		
	自锁 Maintained	钥匙二档 Key switch(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-D221 ◆ C16/22-D231 ◆ C16/22-E211 ◆		
		钥匙三档 Key switch(3P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-E211 ◆ C16/22-E221 ◆ C16/22-E231 ◆		
		钥匙二档 Key switch(2P)	1NO+1NC 2NO+2NC 3NO+3NC	C16/22-D222 ◆ C16/22-D232 ◆ C16/22-E222 ◆		

安装尺寸 / Installation size

圆形 / 方形 Round/Square



注: 安装间距是最小值, 请考虑自身设备的作业性、使用的操作性后再确定安装孔间距。

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