

按钮开关系列 及指示灯



特性 /Features

- ◆ 安装直径 /Installation diameter: 16mm
- ◆ 防护等级 /Degree of Protection: IP65
- ◆ 触点银镀金 /Silver Plated contact: 3 μ
- ◆ 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

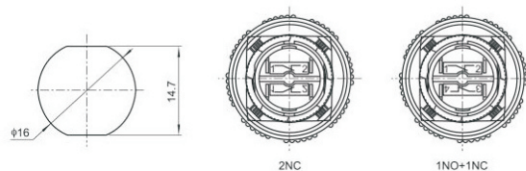
技术参数 Technical parameters

防护等级 Protection grade	IP65 Watertight/Oiltight	
触点类型 Contact Configuration	1NC or 1NO+1NC or 2NC	
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	Gold-plated silver	
端子形式 Terminal Style	.110" Solder/Quick Connect	
工作温度 Operating Temperature	-20°C ~ +55°C	
工作湿度 Operating Humidity	45 to 85%RH	
接触电阻 Contact Resistance	50m Ω Max.	
绝缘电阻 Insulation Resistance	100M Ω Min. (500V DC megger)	
抗振性 Vibration Resistance	10 to 55Hz, amplitude 1.2mm p-p	
保护等级 Degree of Protection	> 10g	
寿命(动作) Performance life	电气 Electric	100,000 operations Min. (at full rated load)
	机械 Mechanical	Maintained: 1,000,000 operations Min. Momentary: 1,000,000 operations Min. Selecotr/Keylock: 250,000 operations Min.
耐压 Dielectric Strength	Switch Unit: 2,000V AC, 1min. between live/dead part and terminals of different poles; 1,000V AC, 1minute between terminals of the same pole; 1,500V AC, 1minute between contact and lamp terminals. Illumination Unit: 2,000V AC, 1min. between live Part/ground	
锡焊温度 Soldering Temperature	20W/5 Seconds or 260°C/3 seconds	

触点参数 Contact ratings

工作电压 Working voltage		24V	110V	220V	
工作电流 Work current	AC50/60Hz	阻性 Resistant	-	1.0A	0.5A
		感性 Inductive	-	0.7A	0.5A
	DC	阻性 Resistant	1.0A	0.2A	-
		感性 Inductive	0.7A	0.1A	-

触点结构 /Contact Structure



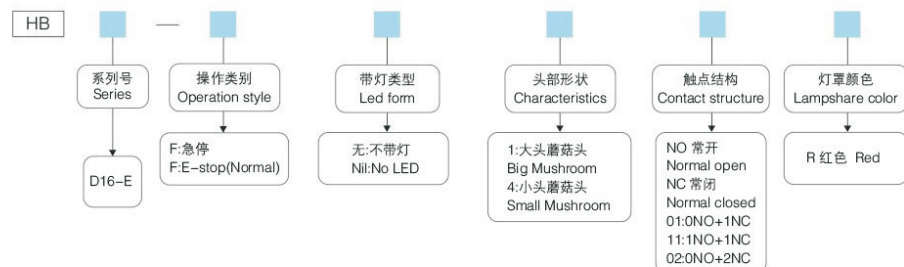
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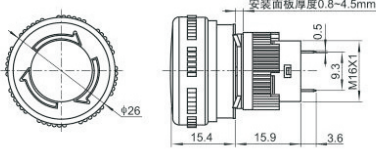

E-Stop switch

>> D16-E Series

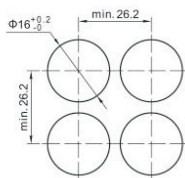
按钮开关系列及指示灯

型号命名 / Select code

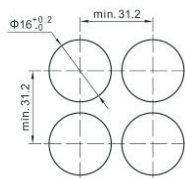


名称 / 外观 Product appearance	操作类别 Operation	触点 Contact	产品型号 Model	灯罩颜色 Top Color	外形尺寸 Overall dimension
急停钮小头 Small Emergency stop 	按下锁住 旋转复位 Push to lock turn to reset	1NC	D16-E-F401R	●: 灯罩颜色 Lampshade color R 红色 Red	
		1NO+1NC	D16-E-F411R		
		2NC	D16-E-F402R		
急停钮大头 Big Emergency stop 	按下锁住 旋转复位 Push to lock turn to reset	1NC	D16-E-F101R		
		1NO+1NC	D16-E-F111R		
		2NC	D16-E-F102R		

安装尺寸 / Installation size



急停钮小头
Small Emergency stop



急停钮大头
Big Emergency stop

按钮开关系列 及指示灯



特性 /Features

- ◆ 安装直径 /Installation diameter: 16mm
- ◆ 防护等级 /Degree of Protection: IP65
- ◆ 触点银镀金 /Silver Plated contact: 3 μ
- ◆ 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

防护等级 Protection grade	IP65 Watertight/Oiltight	
触点类型 Contact Configuration	Single Pole, Double Pole	
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	Gold-plated silver	
端子形式 Terminal Style	.110" Solder/Quick Connect	
工作温度 Operating Temperature	-20°C ~ +55°C	
工作湿度 Operating Humidity	45 to 85%RH	
接触电阻 Contact Resistance	50m Ω Max.	
绝缘电阻 Insulation Resistance	100M Ω Min. (500V DC megger)	
抗振性 Vibration Resistance	10 to 55Hz, amplitude 1.2mm p-p	
保护等级 Degree of Protection	> 10g	
寿命(动作) Performance life	电气 Electric	100,000 operations Min. (at full rated load)
	机械 Mechanical	Maintained: 1,000,000 operations Min. Momentary: 1,000,000 operations Min. Selecotr/Keylock: 250,000 operations Min.
耐压 Dielectric Strength	Switch Unit: 2,000V AC, 1min. between live/dead part and terminals of different poles; 1,000V AC, 1minute between terminals of the same pole; 1,500V AC, 1minute between contact and lamp terminals. Illumination Unit: 2,000V AC, 1min. between live Part/ground	
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触点参数 Contact ratings

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		感性 Inductive	-	0.7A	0.5A
	DC	阻性 Resistant	1.0A	0.2A	-
		感性 Inductive	0.7A	0.1A	-

LED 灯珠参数 LED Ratings

额定电压 Rated Voltage	电流 Current
5V DC \pm 5%	8mA
6V AC/DC (\pm 10%)	AC: A, R, W, Y: 8mA
	G, S: 7mA
	DC: A, R, W, Y: 6mA
	G, S: 5mA
12V AC/DC (\pm 10%)	AC: 9mA DC: 8mA
24V AC/DC (\pm 10%)	AC: 9mA DC: 8mA

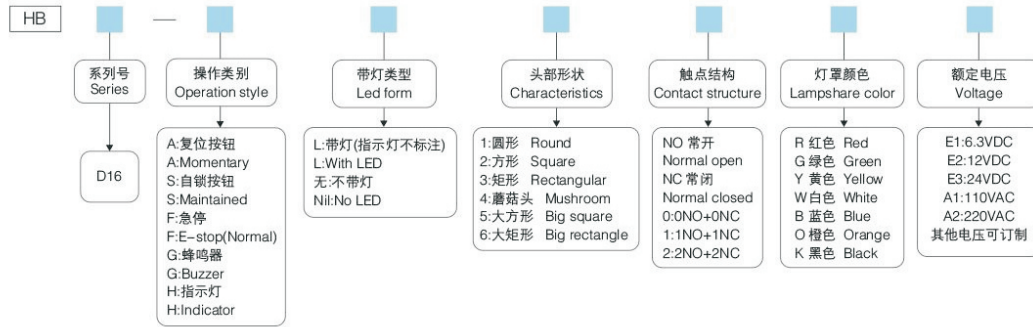
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Selector & key switch

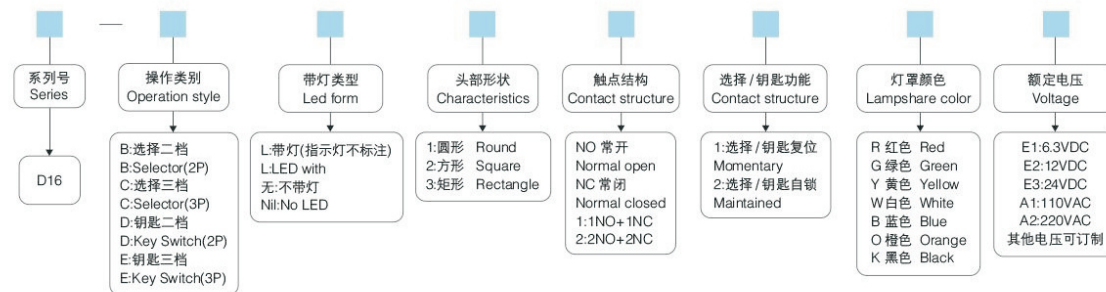
➤ D16 Series

按钮开关系列及指示灯

型号命名 / Select code

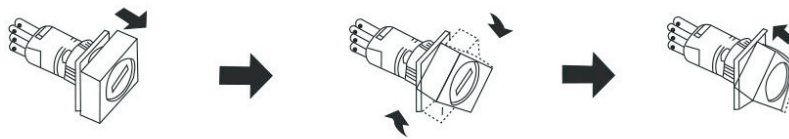


选择和钥匙开关命名方式 Selector and Key Switch Select Code



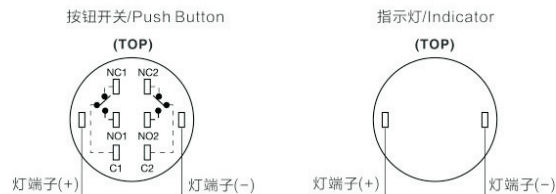
D16 钥匙钮开关 /D16 Key Switch

选择角的位置变更方法

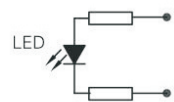


首先将法兰盘用力拉出解除锁定，即可旋转法兰盘选择角的位置在任意 45° 的位置上按下即可进行锁定。

端子描述 /Terminal Description



灯珠电路图 /LED Circuit



适用于交直流12VDC, 24VDC, 110VAC, 220VAC系列
for 12VDC, 24VDC, 110VAC, 220VAC

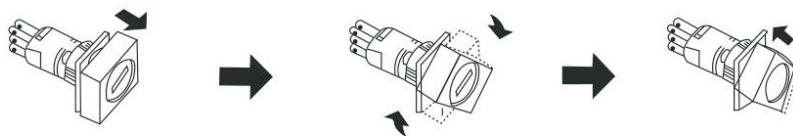
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Selector & key switch

>> **D16 Series**

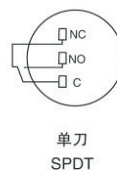
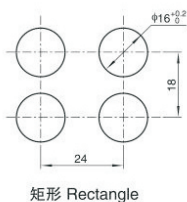
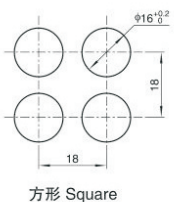
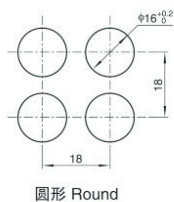
D16 钥匙钮开关 /D16 Key Switch

选择角的位置变更方法



首先将法兰盘用力拉出解除锁定，即可旋转法兰盘选择角的位置在任意 45° 的位置上按下即可进行锁定。


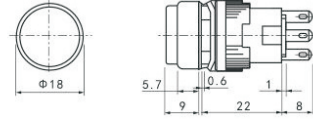

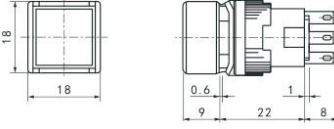

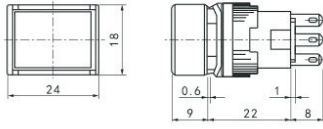

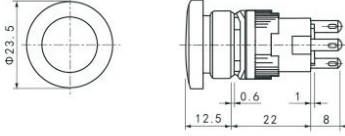

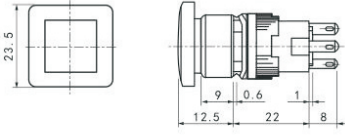

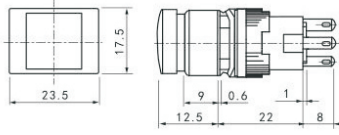
安装尺寸及接线图 /Installation size & Contacts circuit



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Selector switch


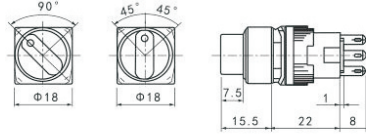

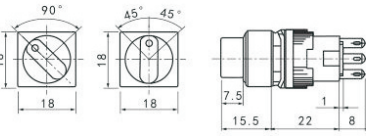

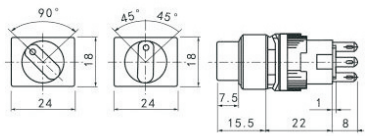

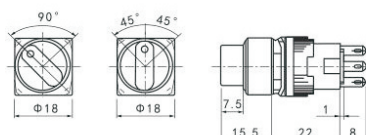

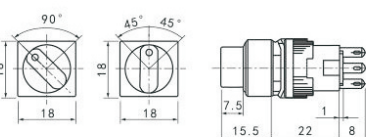

>> D16 Series

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
圆形 Circular 	复位 Momentary	不带灯 Without LED	1NO+1NC	D16-A11 ●	●: 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	D16-AL11 ●		
		2NO+2NC	D16-AL12 ●			
	自锁 Maintained	不带灯 Without LED	1NO+1NC	D16-S11 ●		
		带灯 With LED	1NO+1NC	D16-SL11 ●		
		2NO+2NC	D16-SL12 ●			
方形 Square 	复位 Momentary	不带灯 Without LED	1NO+1NC	D16-A21 ●		
		带灯 With LED	1NO+1NC	D16-AL21 ●		
		2NO+2NC	D16-AL22 ●			
	自锁 Maintained	不带灯 Without LED	1NO+1NC	D16-S21 ●		
		带灯 With LED	1NO+1NC	D16-SL21 ●		
		2NO+2NC	D16-SL22 ●			
矩形 Rectangular 	复位 Momentary	不带灯 Without LED	1NO+1NC	D16-A31 ●		
		带灯 With LED	1NO+1NC	D16-AL31 ●		
		2NO+2NC	D16-AL32 ●			
	自锁 Maintained	不带灯 Without LED	1NO+1NC	D16-S31 ●		
		带灯 With LED	1NO+1NC	D16-SL31 ●		
		2NO+2NC	D16-SL32 ●			
蘑菇头 Mushroom 	复位 Momentary	不带灯 Without LED	1NO+1NC	D16-A41 ●		
		带灯 With LED	1NO+1NC	D16-AL41 ●		
		2NO+2NC	D16-AL42 ●			
	自锁 Maintained	不带灯 Without LED	1NO+1NC	D16-S41 ●		
		带灯 With LED	1NO+1NC	D16-SL41 ●		
		2NO+2NC	D16-SL42 ●			
大方形 Large Square 	复位 Momentary	不带灯 Without LED	1NO+1NC	D16-A51 ●		
		带灯 With LED	1NO+1NC	D16-AL51 ●		
		2NO+2NC	D16-AL52 ●			
	自锁 Maintained	不带灯 Without LED	1NO+1NC	D16-S51 ●		
		带灯 With LED	1NO+1NC	D16-SL51 ●		
		2NO+2NC	D16-SL52 ●			
大矩形 Large Rectangular 	复位 Momentary	不带灯 Without LED	1NO+1NC	D16-A61 ●		
		带灯 With LED	1NO+1NC	D16-AL61 ●		
		2NO+2NC	D16-AL62 ●			
	自锁 Maintained	不带灯 Without LED	1NO+1NC	D16-S61 ●		
		带灯 With LED	1NO+1NC	D16-SL61 ●		
		2NO+2NC	D16-SL62 ●			

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Selector switch


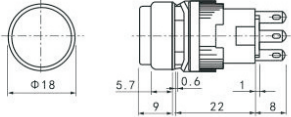

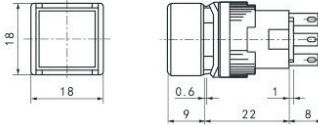


➤➤ D16 Series


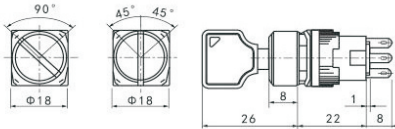

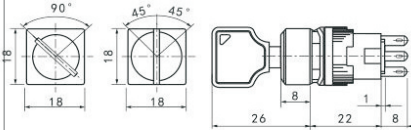

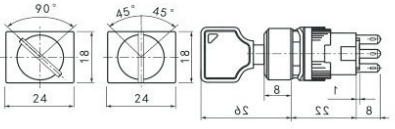
名称 / 外观 Product appearance	操作类别 Operation	操作规格 Operation Specification	触点 Contact	产品型号 Model	灯罩颜色 Top Color	外形尺寸 Overall dimension
圆形 Circular 	复位 Momentary	选择二档 Selector(2P)	1NO+1NC	D16-B111		
			2NO+2NC	D16-B121		
		选择三档 Selector(3P)	2NO+2NC	D16-C121		
	自锁 Maintained	选择二档 Selector(2P)	1NO+1NC	D16-B112		
			2NO+2NC	D16-B122		
		选择三档 Selector(3P)	2NO+2NC	D16-C122		
方形 Square 	复位 Momentary	选择二档 Selector(2P)	1NO+1NC	D16-B211		
			2NO+2NC	D16-B221		
		选择三档 Selector(3P)	2NO+2NC	D16-C221		
	自锁 Maintained	选择二档 Selector(2P)	1NO+1NC	D16-B212		
			2NO+2NC	D16-B222		
		选择三档 Selector(3P)	2NO+2NC	D16-C222		
矩形 Rectangular 	复位 Momentary	选择二档 Selector(2P)	1NO+1NC	D16-B311		
			2NO+2NC	D16-B321		
		选择三档 Selector(3P)	2NO+2NC	D16-C321		
	自锁 Maintained	选择二档 Selector(2P)	1NO+1NC	D16-B312		
			2NO+2NC	D16-B322		
		选择三档 Selector(3P)	2NO+2NC	D16-C322		
圆形 Circular 	复位带灯 Momentary	选择二档 Selector(2P)	1NO+1NC	D16-BL111 ●	●: 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	
			2NO+2NC	D16-BL121 ●		
		选择三档 Selector(3P)	2NO+2NC	D16-CL121 ●		
	自锁带灯 Maintained	选择二档 Selector(2P)	1NO+1NC	D16-BL112 ●		
			2NO+2NC	D16-BL122 ●		
		选择三档 Selector(3P)	2NO+2NC	D16-CL122 ●		
方形 Square 	复位带灯 Momentary	选择二档 Selector(2P)	1NO+1NC	D16-BL211 ●		
			2NO+2NC	D16-BL221 ●		
		选择三档 Selector(3P)	2NO+2NC	D16-CL221 ●		
	自锁带灯 Maintained	选择二档 Selector(2P)	1NO+1NC	D16-BL212 ●		
			2NO+2NC	D16-BL222 ●		
		选择三档 Selector(3P)	2NO+2NC	D16-CL222 ●		
矩形 Rectangular 	复位带灯 Momentary	选择二档 Selector(2P)	1NO+1NC	D16-BL311 ●		
			2NO+2NC	D16-BL321 ●		
		选择三档 Selector(3P)	2NO+2NC	D16-CL321 ●		
	自锁带灯 Maintained	选择二档 Selector(2P)	1NO+1NC	D16-BL312 ●		
			2NO+2NC	D16-BL322 ●		
		选择三档 Selector(3P)	2NO+2NC	D16-CL322 ●		

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Indicator & key switch

➤➤ D16 Series


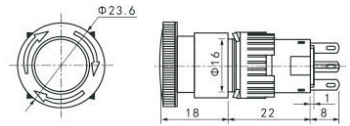

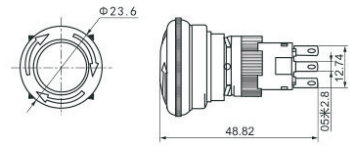
名称 / 外观 Product appearance	操作类别 Operation	触点 Contact	产品型号 Model	灯罩颜色 Top Color	外形尺寸 Overall dimension
 <p>圆形 Circular</p>	指示灯 Indicator	0NO+0NC	D16-H10 ●	●: 灯罩颜色 Lampshade color R 红色 Red G 绿色 Green Y 黄色 Yellow W 白色 White B 蓝色 Blue O 橙色 Orange	
 <p>方形 Square</p>	指示灯 Indicator	0NO+0NC	D16-H20 ●		
 <p>矩形 Rectangular</p>	指示灯 Indicator	0NO+0NC	D16-H30 ●		


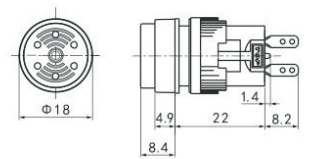

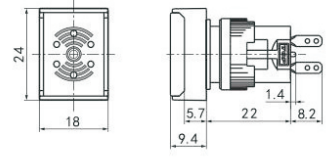
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 <p>圆形 Circular</p>	复位 Momentary	选择二档 Selector(2P)	1NO+1NC	D16-D111		
		选择二档 Selector(2P)	2NO+2NC	D16-D121		
		选择三档 Selector(3P)	1NO+1NC	D16-E111		
	自锁 Maintained	选择二档 Selector(2P)	1NO+1NC	D16-D112		
		选择二档 Selector(2P)	2NO+2NC	D16-D122		
		选择三档 Selector(3P)	1NO+1NC	D16-E112		
 <p>方形 Square</p>	复位 Momentary	选择二档 Selector(2P)	1NO+1NC	D16-D211		
		选择二档 Selector(2P)	2NO+2NC	D16-D221		
		选择三档 Selector(3P)	1NO+1NC	D16-E211		
	自锁 Maintained	选择二档 Selector(2P)	1NO+1NC	D16-D212		
		选择二档 Selector(2P)	2NO+2NC	D16-D222		
		选择三档 Selector(3P)	1NO+1NC	D16-E212		
 <p>矩形 Rectangular</p>	复位 Momentary	选择二档 Selector(2P)	1NO+1NC	D16-D311		
		选择二档 Selector(2P)	2NO+2NC	D16-D321		
		选择三档 Selector(3P)	1NO+1NC	D16-E311		
	自锁 Maintained	选择二档 Selector(2P)	1NO+1NC	D16-D312		
		选择二档 Selector(2P)	2NO+2NC	D16-D322		
		选择三档 Selector(3P)	1NO+1NC	D16-E312		
选择三档 Selector(3P)	2NO+2NC	D16-E322				

YIEDEA TECHNOLOGY

E-Stop & buzzer

>> D16 Series

名称 / 外观 Product appearance	操作类别 Operation	带灯形式 Contact	触点 Contact	产品型号 Model	灯罩颜色 Top Color	外形尺寸 Overall dimension
急停钮小头 Small Emergency stop 	按下锁住 旋转复位 Push to lock turn to reset	不带灯 Without LED	1NO+1NC	D16-F41R	●: 灯罩颜色 Lampshade color R 红色 Red	
			2NO+2NC	D16-F42R		
		带灯 With LED	1NO+1NC	D16-FL41R		
			2NO+2NC	D16-FL42R		
急停钮大头 Big Emergency stop 	按下锁住 旋转复位 Push to lock turn to reset	不带灯 Without LED	1NO+1NC	D16-F11R	●: 灯罩颜色 Lampshade color R 红色 Red B 蓝色 Blue K 黑色 Black	
			2NO+2NC	D16-F12R		

名称 / 外观 Product appearance	操作类别 Operation	带灯形式 Contact	触点 Contact	产品型号 Model	灯罩颜色 Top Color	外形尺寸 Overall dimension		
圆形 Circular 	蜂鸣器 Buzzer	不带灯 Without LED	0NO+0NC	D16-G10 ●	●: 灯罩颜色 Lampshade color R 红色 Red B 蓝色 Blue K 黑色 Black			
			带灯 With LED	0NO+0NC			D16-GL10 ●	
方形 Square 	蜂鸣器 Buzzer	不带灯 Without LED	0NO+0NC	D16-G30 ●			●: 灯罩颜色 Lampshade color R 红色 Red B 蓝色 Blue K 黑色 Black	
			带灯 With LED	0NO+0NC				

蜂鸣器 / Buzzer

形状 Shape	圆形, 长方形 Round, Rectangular
发声形式 Sound Type	连续间, 断续间 Continuity Intermittence
音量 Sound	80dB@0.1m
频率 Frequency	2.4KHz~4.3KHz
额定电压 Rated Voltage	24VDC, 12VDC, 6VDC/ ± 10%
额定电流 Rated Current	24V/12V:24mA, 6V:36mA
电气寿命 Expected Life	1,000hrs

接线图 / Contacts Circuit

