

CMORSUN 黎明



LIMIN PUSH BUTTON FACTORY

致力于全球工业自动化

CE CCC ROHS ISO 9001



乐清市华立机床电器厂，成立于1999年4月30日，于2003年12月晋升为浙江华武电器有限公司。是一家专业设计、研发、制造塑料金属按钮，及各种控制盒、LED信号灯等电器产品。

公司汇聚一批高素质专业人才，引进先进技术。自行研制HB ϕ 6- ϕ 50等系列产品，体现了公司追求卓越品质的理念，产品绿色节能，安全可靠；广泛应用于工业自动化、配电自动化、小家电、电瓶车、马桶、汽车、机床、机械、能源、冶金、石化、纺织、船舶等领域。

公司通过ISO9001质量管理体系认证；产品均通过CCC认证、CE认证；部分产品通过国外认证；公司积极开拓国际市场，产品远销东南亚、西班牙、以色列、瑞典、巴西、澳大利亚、俄罗斯等国家。

公司秉承“引领科技，追求卓越”的经营理念，将一如既往地以卓越品质服务于广大海内外客户。欢迎新老客户进行广泛合作！

Yueqing Huali Machine Tool Electrical Co., Ltd. , established on 30 April 1999, was promoted to Zhejiang Huawu Electrical Co, Ltd. in December 2003. which is a professional design, research and development, manyfacturing plastic and metal push button switches, and various control boxes, LED signal lights and other electrical products.

The company brings together a group of high-quality professional talents, introduces advanced technology, develops the series of products such as HB ϕ 6- ϕ 50, embodies the company pursues. the concept of outstanding quality, the roduct green energy saving, safe and reliable; It is widely used in industry automatton, Small household appliances, battery cars, toilets, cars, distribution automation, machine tool, machinery, energy, metallurgy, petrochemical, textile, ship and so on.

The company passed the ISO 9001 quality management system cartification; The products are certified by CCC and CE. Some products are certified abroad; The company actively explore the international market, the products exported to Southeast Asia, Spain, Israel, Sweden, Brazil, Austealia, Russia and other countries.

Our company adheres to the "leading technology, the pursuit of excellence" management philosophy, will continue to serve customers at home and abroad with excellent quality, Welcome new and old customers to cooperate extensively!

致力于全球工业自动化



资质荣誉 Aptitude honor Authoritative certification





型号说明

HB16	C	F	11	E	J	S	△	▲
序列号其中数字代表开孔直径, 如“16”代表开孔直径16mm	改型代号	头部形状 F 平头圆形 H 高平圆形 B 球形 G 高凹圆形 X 旋钮 K 钥匙旋钮	开关组合 11 常开+常闭 10 常开 01 常闭	带灯类型 D 单点带灯 E 环形带灯 EP 电源标 无字母表示不带灯	接线类型 J 接插脚 L 接线柱	外壳材质 S 不锈钢 A 铝合金 N 黄铜镀镍	灯光颜色 R 红 G 绿 Y 黄 B 蓝 W 白	带灯部分电压 6V/12V/24V/ 110V/220V (AC/DC) 可定制AC/DC电压 6V-220V。

注意：请仔细阅读产品具体说明后，根据不同符号在该表格中选取相应的代号。

性能特征

工作环境温度	-25℃~+55℃（无结冰） 开关本体周围必须空气流通
工作环境湿度	45~85%RH（无接雾）
接触电阻	≤50mΩ
绝缘电阻	≥1000mΩ
最高耐压	1500V，交流电50赫兹，1分钟
耐振动性	50赫兹，振幅约1.2mm
耐冲击性	大于10g
耐焊锡热	320℃时（或30瓦烙铁）不超过2秒

开关结构说明

款式	
符号	
示意图	
说明：具有两个端子的，双断点慢动触头开关	

灯珠规格

灯珠类型	双向LED灯珠（交直流电通用）
发光颜色	R G Y B W
使用寿命	40000小时（参考值）
额定电压	AC/DC 6V-220V
额定电流	约15mA
降压方式	6、12、24V为内置电阻，其他电压等级使用外置电阻
灯珠等效电路	采用交直流通用的LED灯珠，接线端子无正负极区分。

注：如需单向直流LED灯珠可定制；其他电压规格可按需要定制。

带灯按钮引脚说明

	+ -脚为灯珠引脚，常规灯脚配置无正负极区分，灯珠与开关相对独立，可通过开关或外围电路控制灯珠状态。
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灯珠配置（附限流电阻配置）

带灯部分参数	带灯类型	单点带灯/环形带灯（LED）					
	灯珠颜色	R Y		G B W			
	额定电压U _e	AC/DC1.8V		AC/DC2.8V			
	额定电流I _e	15mA					
	灯珠寿命	40000小时					
限流电阻配置表 （推荐值）		工作电压U	6V	12V	24V	36V	
		限流电阻R	R Y	270Ω, 1/4W	820Ω, 1/2W	1.5KΩ, 1W	2.7KΩ, 1W
			G B W	220Ω, 1/4W	680Ω, 1/2W	1.5KΩ, 1W	1.5KΩ, 1W

Metal Switch Metal Signal Lamp

HB-HD系列金属按钮&金属信号灯

1.安装孔尺寸： ϕ 6mm/ ϕ 8mm/ ϕ 12mm/ ϕ 16mm/ ϕ 19mm/ ϕ 22mm/ ϕ 25mm/ ϕ 30mm/ ϕ 40mm

2.金属壳体可选材质：黄铜镀镍、不锈钢、铝合金

3.带灯类型：次环形带灯、电源标志灯、环形电源标志灯、单点灯。

4.开关额定值：250VAC 5A/10A/18A。

5.机械寿命： $\geq$ 100万次。

6.电气寿命： $\geq$ 20万次。

6.防水等级：IP65/IP67。



HD 系列金属信号灯 HD Metal Series Lamp

防护等级 IP DEGREE	IP65	△ 颜色 COLOR	R G Y B W	○ 外壳材料 COLOR	S:不锈钢 S:Stainless steel	A:铝合金 A:Aluminium alloy	N:黄铜镀镍 N:Nickel plated brass																																																																								
		▲ 带灯电压 LED VOLTAGE	6V/12V/24V/110V/220V (AC/DC)	部分代号说明 DESCRIPTION	F:平圆形 F:Flat Round	H:高平圆形 F:High Round	B:球头 B:Ball head	DX:带线 DX:Belt line	J:接插脚 J:Welding foot	L:接线柱 L:Terminal																																																																					
001		6mm (带线)	HD6C-W-1	002		6mm (带线)	HD6F-W-1	003		6mm (带线)	HD6S-W-1	004		8mm (焊接脚)	HD8C-J-2	005		8mm (焊接脚)	HD8F-J-1	006		8mm (焊接脚)	HD8S-J-2	007		8mm (带线)	HD8C-W-1	008		8mm (带线)	HD8F-W-5	009		6mm (带线)	HD8F-W-D-1	010		10mm (焊接脚)	HD10F-J-1	011		10mm (带线)	HD10F-W-1	012		12mm (焊接脚)	HD12C-J-1	013		12mm (带线)	HD12F-W-1	014		16mm (带线)	HD16C-W-1	015		16mm (带线)	HD16F-W-1	016		16mm (带线)	HD16S-W-1	017		10mm (带线)	HD10N-W-1	018		10mm (带线)	HD10N-W-1	019		10mm (带线)	HD10Q-W-1	020		(螺丝脚) 12-22mm (焊接脚)	HD16F-J-1

HB 系列金属按钮开关 HB Series Metal Button

触点结构 CONTACT STRUCTURE	10 (常开) 11 (常开+常闭) 22 (2常开+2常闭)	△ 颜色 COLOR ▲ 带灯电压 LED VOLTAGE	R G Y B W 6V/12V/24V/110V/220V (AC/DC)	○ 外壳材料 COLOR 部分代号说明 DESCRIPTION	S:不锈钢 S:Stainless steel	A:铝合金 A:Aluminium alloy	N:黄铜镀镍 N:Nickel plated brass	F:平圆形 F:Flat Round	H:高平圆形 H:High Round	E:环形带灯 B:Ring illuminated	J:接插脚 J:Welding foot	EP:电源标 EP:Power standard

021



16mm (接插脚)

HB16C-F11-J-N

022

△▲



16mm (接插脚)

HB16C-F11EP-J-N

023

△▲



16mm (接插脚)

HB16C-F11E-J-N

024

△▲



16mm (接插脚)

HB16C-F11E-EP-J-N

025



19mm (接插脚)

HB19C-F11-J-N

026

△▲



19mm (接插脚)

HB19C-F11E-J-N

027



22mm (接插脚)

HB22C-F11-J-S

028

△▲



22mm (接插脚)

HB22C-F11E-J-S

029

△▲



25mm (接插脚)

HB25C-H22E-J-S

030

△▲

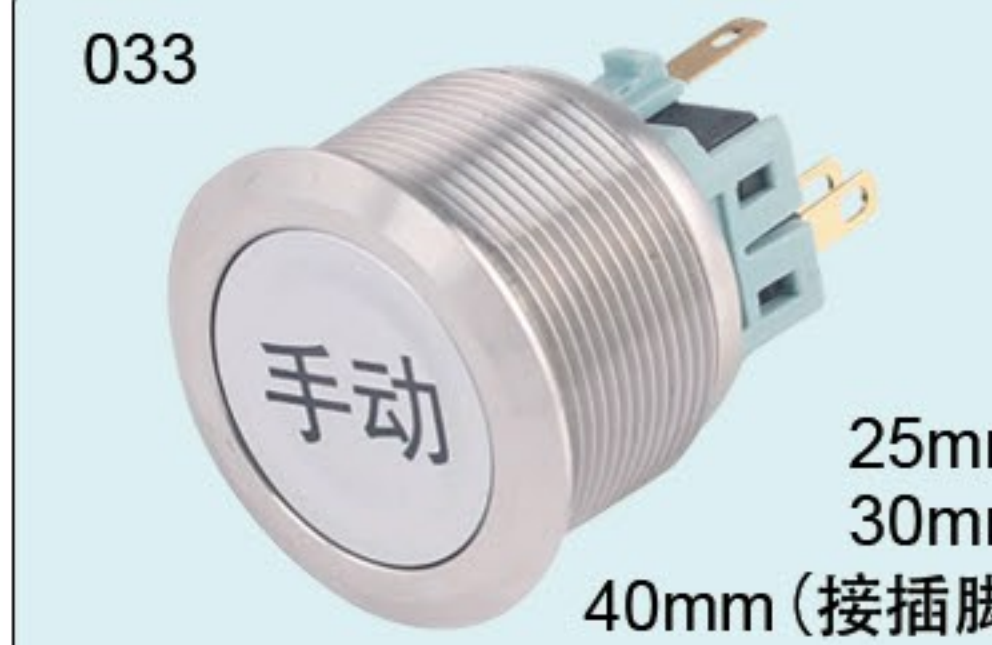


28mm (接插脚)

HB28C-F11E-J-S

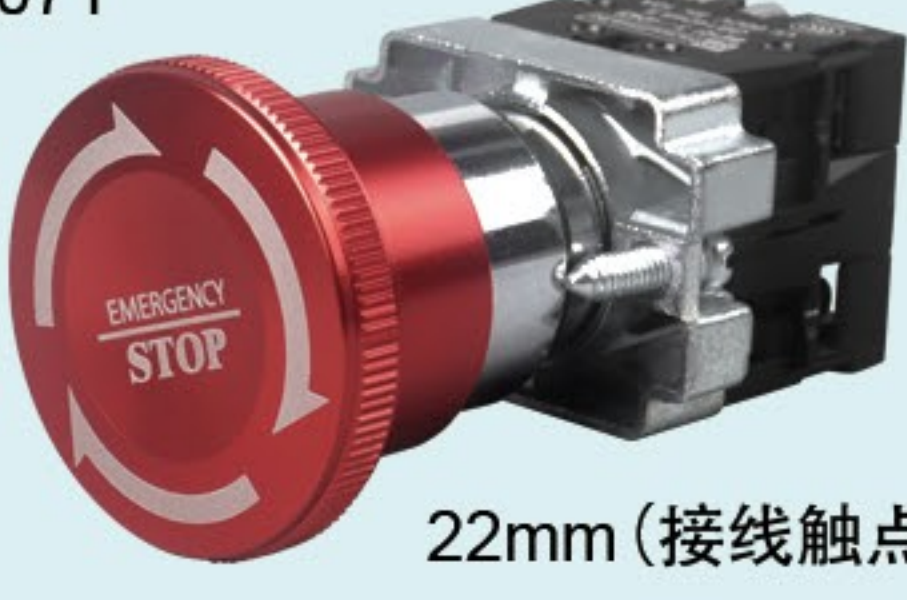
HB 系列金属按钮开关 HB Series Metal Button

触点结构 CONTACT STRUCTURE	10(常开) 11(常开+常闭) 22(2常开+2常闭)	颜色 COLOR 带灯电压 LED VOLTAGE	R G Y B W 6V/12V/24V/110V/220V (AC/DC)	外壳材料 COLOR 部分代号说明 DESCRIPTION	S:不锈钢 S:Stainless steel A:铝合金 A:Aluminium alloy N:黄铜镀镍 N:Nickel plated brass
				F:平圆形 F:Flat Round H:高平圆形 F:High Round D:单点带灯 D:Dot illuminated M:蘑菇头 M:Mushroom-shaped umbrella	E:环形带灯 B:Ring illuminated J:接插脚 J:Welding foot Z:自锁 Z:Self-lock B:球形 B:Spherical EP:电源标 EP:Power standard

031  30mm (接插脚) HB30C-F11-J-S	032  40mm (接插脚) HB40C-F22E-J-S	033  25mm 30mm 40mm (接插脚) HB25C-F11-J-S(手动)	034  25mm 30mm 40mm (接插脚) HB25C-F11-J-S(启动)	035  25mm 30mm 40mm (接插脚) HB25C-F11-J-S(暂停)
036  25mm 30mm 40mm (接插脚) HB25C-F11-J-S(自动)	037  12mm (接插脚) HB12C-H11EP-J-N	038  12mm (接插脚) HB12C-F11EP-J-N	039  12mm (接插脚) HB12C-F11E-J-S	040  12mm (接插脚) HB12C-F11D-J-S
041  12mm (接插脚) HB12C-H11D-J-S	042  12mm (焊接脚) HB12A-H10EP-N	043  12mm (焊接脚) HB12A-H10E-J-N	044  12mm (焊接脚) HB12A-F10E-J-N	045  12mm (焊接脚) HB12A-F10EP-J-N
046  12mm (焊接脚) HB12A-F10-J-N	047  12mm (焊接脚) HB12A-H10-J-N	048  12mm (焊接脚) HB12B-F10-J-N	049  12mm (接插脚) HB12B-H10E-J-N	050  12mm (接插脚) HB12B-H10-J-N
051  12mm (接插脚) HB12CB-10-J-S	052  16mm (接插脚) HB16A-F11E-J-A	053  16mm (接插脚) HB16A-F11E-J-N	054  16mm (接插脚) HB16A-H11EP-J-N	055  16mm (接插脚) HB16A-H11E-J-N
056  16mm (接插脚) HB16A-H11-J-N	057  16mm (接插脚) HB16A-F11-J-N	058  22mm (接插脚) HB16A-F11EP-J-N	059  16mm (接插脚) HB16A-F11E-EP-J-N	060  16mm (接插脚) HB16E-H10E-J-N
061  16mm (焊接脚) HB16E-F10-J-N	062  16mm (接插脚) HB16E-F11-J-A	063  16mm (接插脚) HB16E-F10-J-A	064  16mm (接插脚) HB16-11-E-X3-J-S	065  19mm (接插脚) HB19M-11Z-J-S

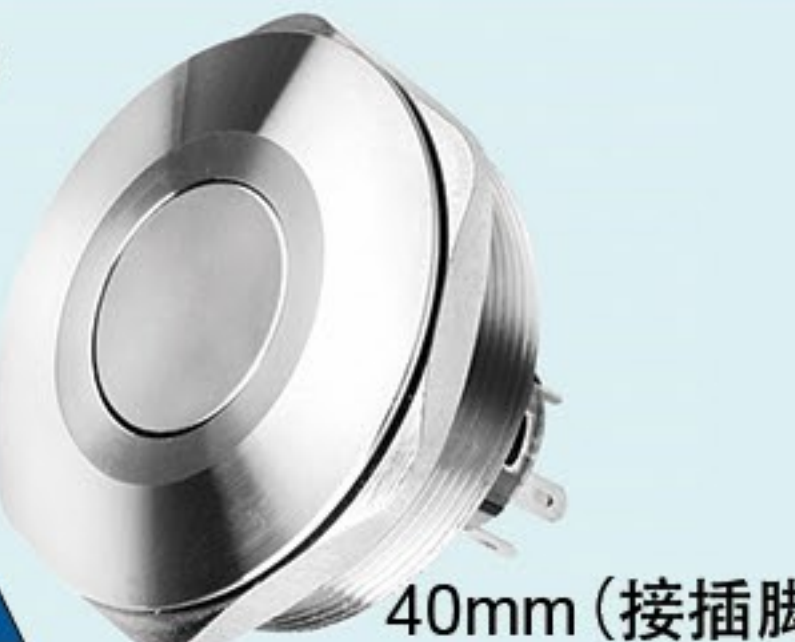
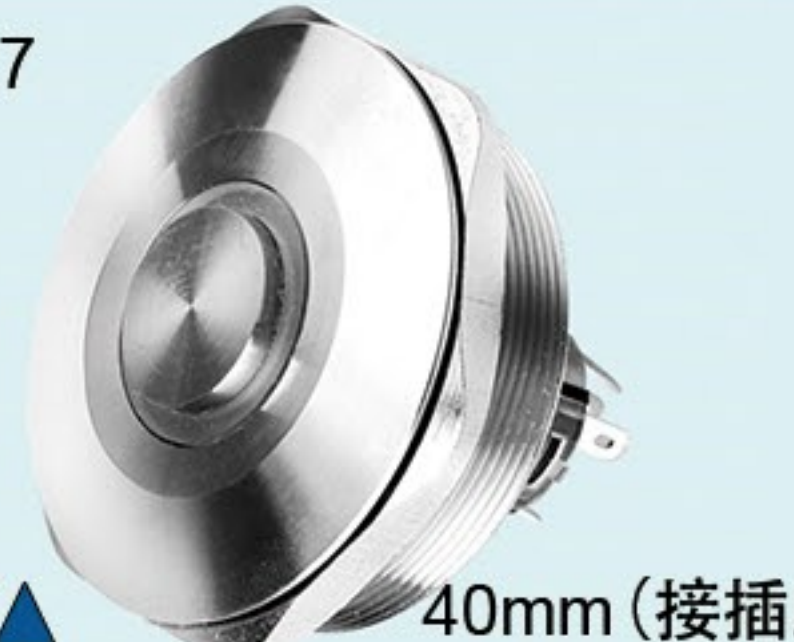
HB 系列金属按钮开关 HB Series Metal Button

触点结构 CONTACT STRUCTURE	10 (常开) 11 (常开+常闭) 22 (2常开+2常闭)	颜色 COLOR	R G Y B W	外壳材料 COLOR	S:不锈钢 S:Stainless steel	A:铝合金 A:Aluminium alloy	N:黄铜镀镍 N:Nickel plated brass
		带灯电压 LED VOLTAGE	6V/12V/24V/110V/220V (AC/DC)	部分代号说明 DESCRIPTION	F:平圆形 F:Flat Round D:单点带灯 D:Dot illuminated	H:高平圆形 H:High Round M:蘑菇头 M:Mushroom-shaped umbrella	E:环形带灯 E:Ring illuminated J:接插脚 J:Welding foot Z:自锁 Z:Self-lock

066  HB22M-11Z-J-S	067  HB16A-M11Z-PC	068  HB16A-M11Z-PC	069  HB16E-M11Z-PC	070  HB16A-M11Z-PC
071  HB2-BSA52(金属蘑菇头)	072  HB19-11EX3-J-S	073  HB19马桶金属踢脚按钮	074  HB19马桶金属踢脚按钮	075  HB22马桶金属踢脚按钮
076  HB16-H10-L-N	077  HB16-H10-J-S	078  HB16-F10-L-N	079  HB16-F10-J-N	080  HB16-B10-L-N
081  HB16-B10-J-N	082  HB19-H10-J-N	083  HB19-H10-L-N	084  HB19-F10-J-N	085  HB19-F10-L-N
086  HB19-B10-J-N	087  HB19-B10-L-N	088  HB19A-H11D-J-N	089  HB19A-H11EP-J-N	090  HB19A-H11E-J-N
091  HB19A-H11-J-N	092  HB19A-F11D-J-N	093  HB19A-F11D-J-N	094  HB19A-F11E-J-A	095  HB19A-F11-J-N
096  HB19A-H11-J-N	097  HB19A-F11E-J-N	098  HB19A-F11E-EP-J-N	099  HB19A-F11E-J-A	100  HB22A-H11-J-S

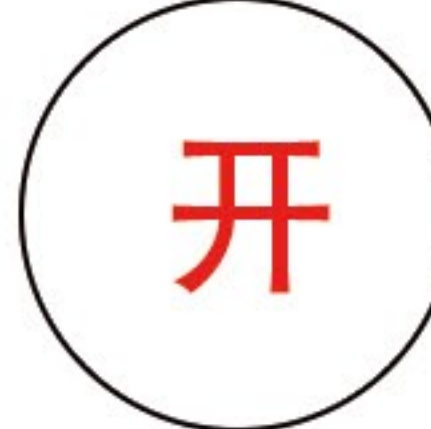
HB 系列金属按钮开关 HB Series Metal Button

触点结构 CONTACT STRUCTURE	10(常开) 11(常开+常闭) 22(2常开+2常闭)	颜色 COLOR	R G Y B W	外壳材料 COLOR	S:不锈钢 S:Stainless steel	A:铝合金 A:Aluminium alloy	N:黄铜镀镍 N:Nickel plated brass	
		带灯电压 LED VOLTAGE	6V/12V/24V/110V/220V (AC/DC)	部分代号说明 DESCRIPTION	F:平圆形 F:Flat Round D:单点带灯 D:Dot illuminated	H:高平圆形 F:High Round M:蘑菇头 M:Mushroom-shaped umbrella	E:环形带灯 B:Ring illuminated Z:自锁 Z:Self-lock	J:接插脚 J:Welding foot B:球形 B:Spherical

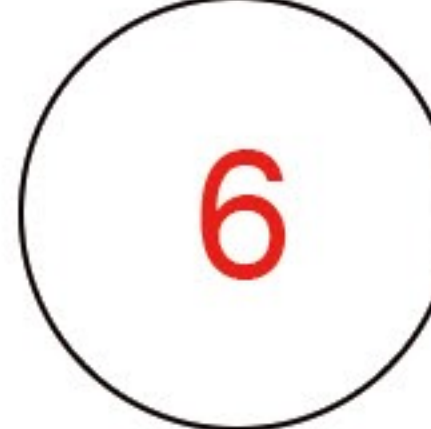
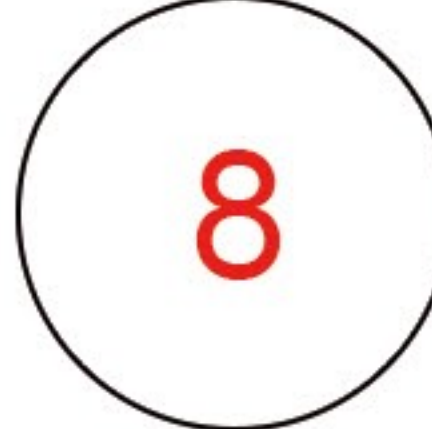
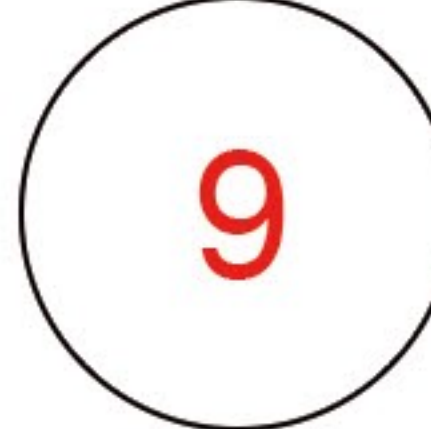
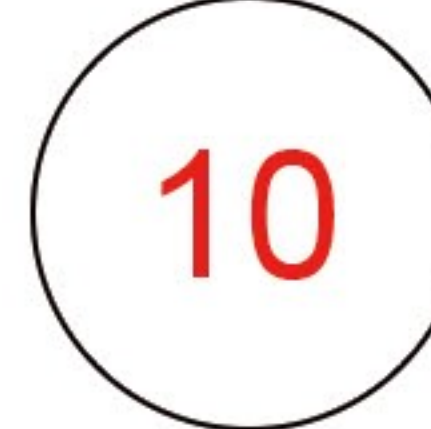
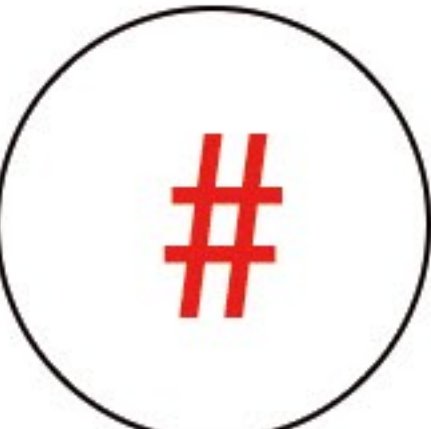
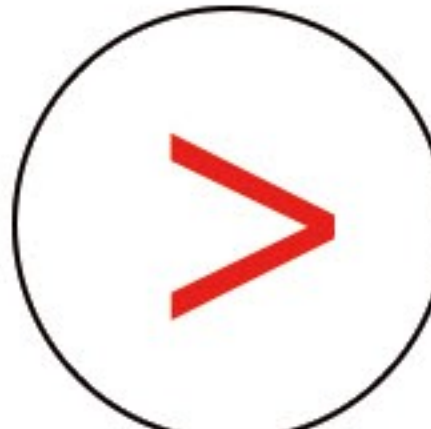
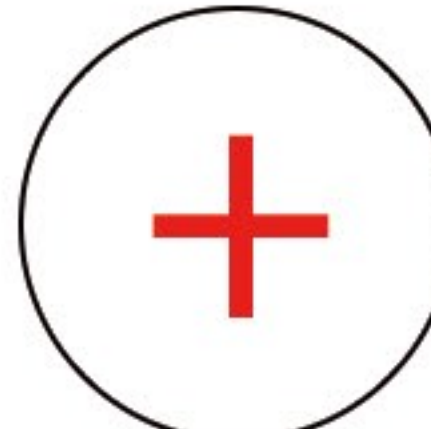
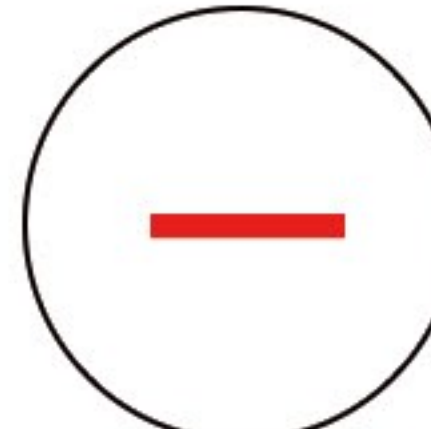
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106  22mm (接插脚) HB22A-F11-J-S	107  22mm (接插脚) HB22A-H11D-J-S	108  22mm (接插脚) HB22A-H11EP-J-S	109  22mm (接插脚) HB22A-H11E-J-S	110  22mm (接插脚) HB22B-F11-J-S
111  22mm (接插脚) HB22A-H11-J-S	112  22mm (接插脚) HB22B-F11D-J-S	113  22mm (接插脚) HB22B-F11E-J-S	114  25mm (接插脚) HB25A-F11EP-J-S	115  25mm (接插脚) HB25A-F11E-J-S
116  25mm (接插脚) HB25A-F11-J-S	117  25mm (接插脚) HB25A-H11E-J-S	118  25mm (接插脚) HB25A-F11D-J-S	119  30mm (接插脚) HB30A-F11EP-J-S	120  30mm (接插脚) HB30A-F11E-J-S
121  30mm (接插脚) HB30A-F11-J-S	122  30mm (接插脚) HB30A-F11E-J-S	123  30mm (接插脚) HB30A-F11D-J-S	124  40mm (接插脚) HB40A-F11EP-J-S	125  40mm (接插脚) HB40A-F11E-J-S
126  40mm (接插脚) HB40A-F11-J-S	127  40mm (接插脚) HB40A-H11E-J-S	128  40mm (接插脚) HB40A-F11D-J-S		

标识列举 Identification listing

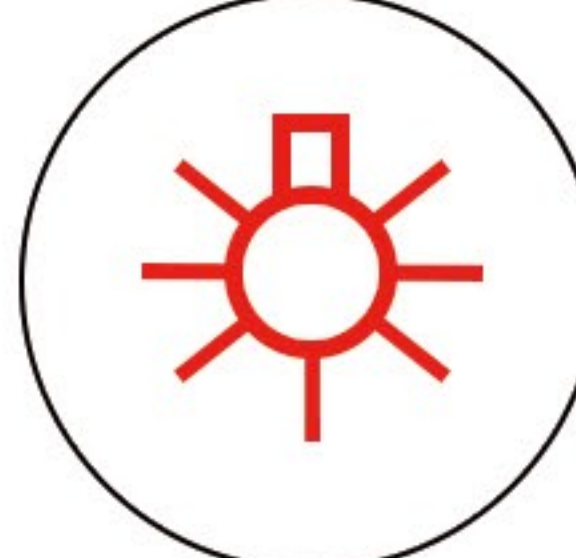
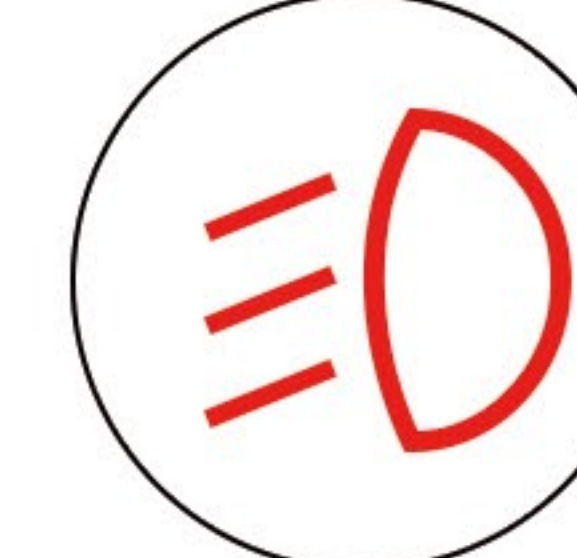
文字标识
Text identifier

									
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数字及符号
Numbers and symbols

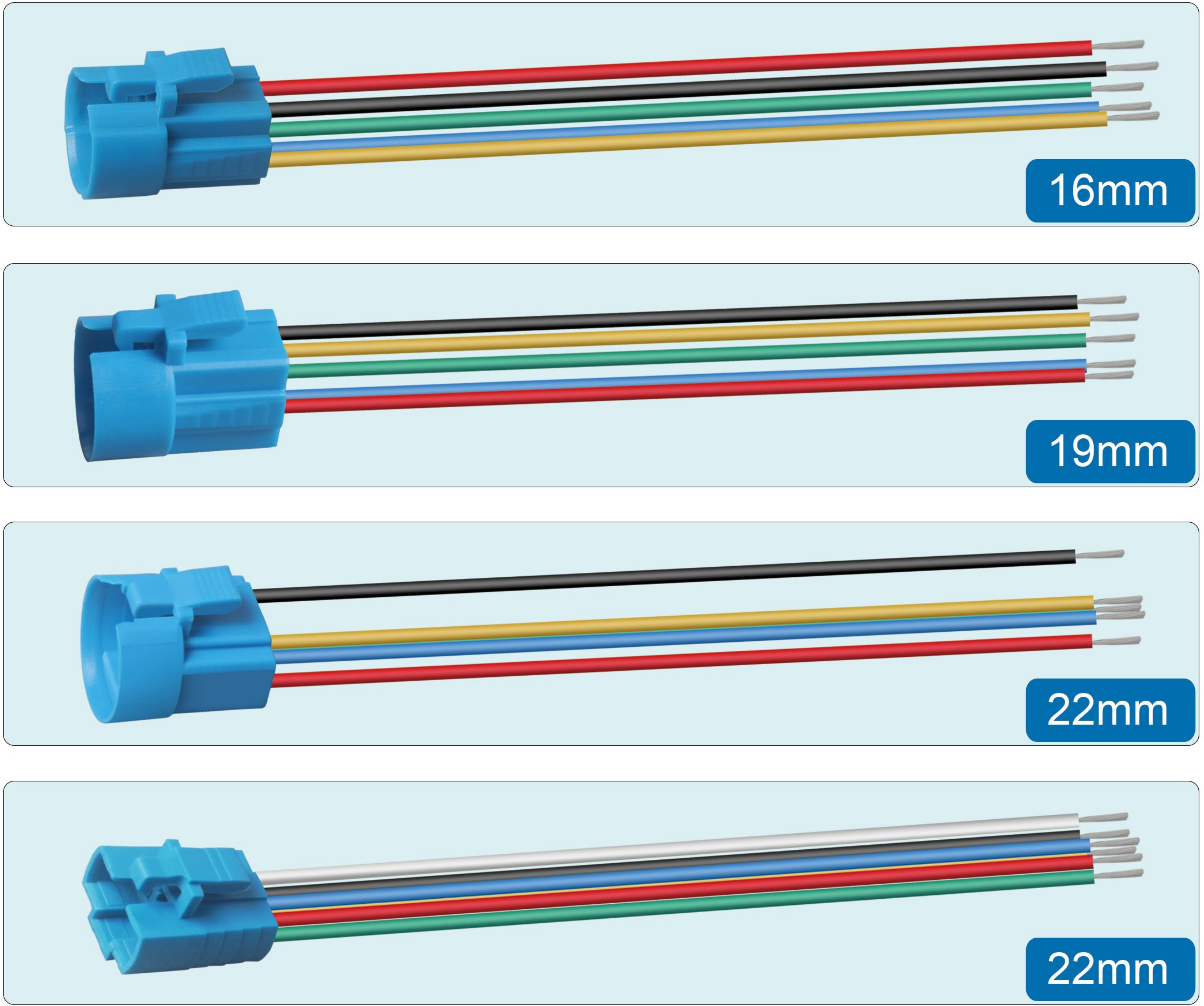
									
31	32	33	34	35	36	37	38	39	40
									
41	42	43	44	45	46	47	48	49	50

特殊符号
Special symbol

					
51	52	53	54	55	56

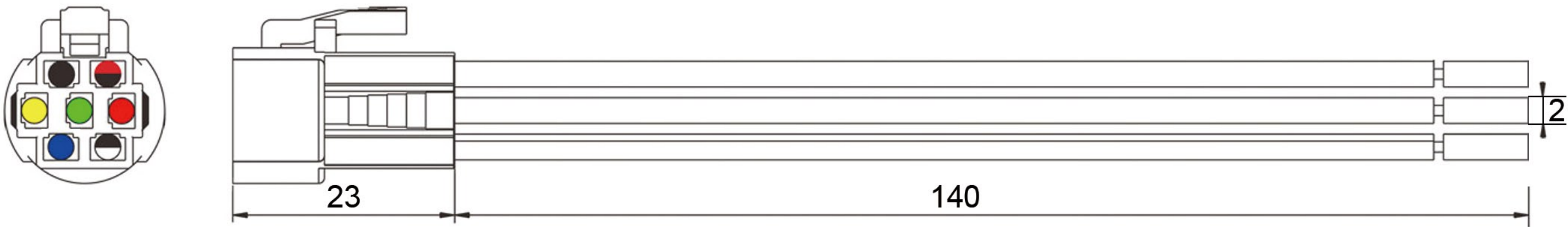
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HB 系列金属按钮专用插件 HB Series Metal Button Socket

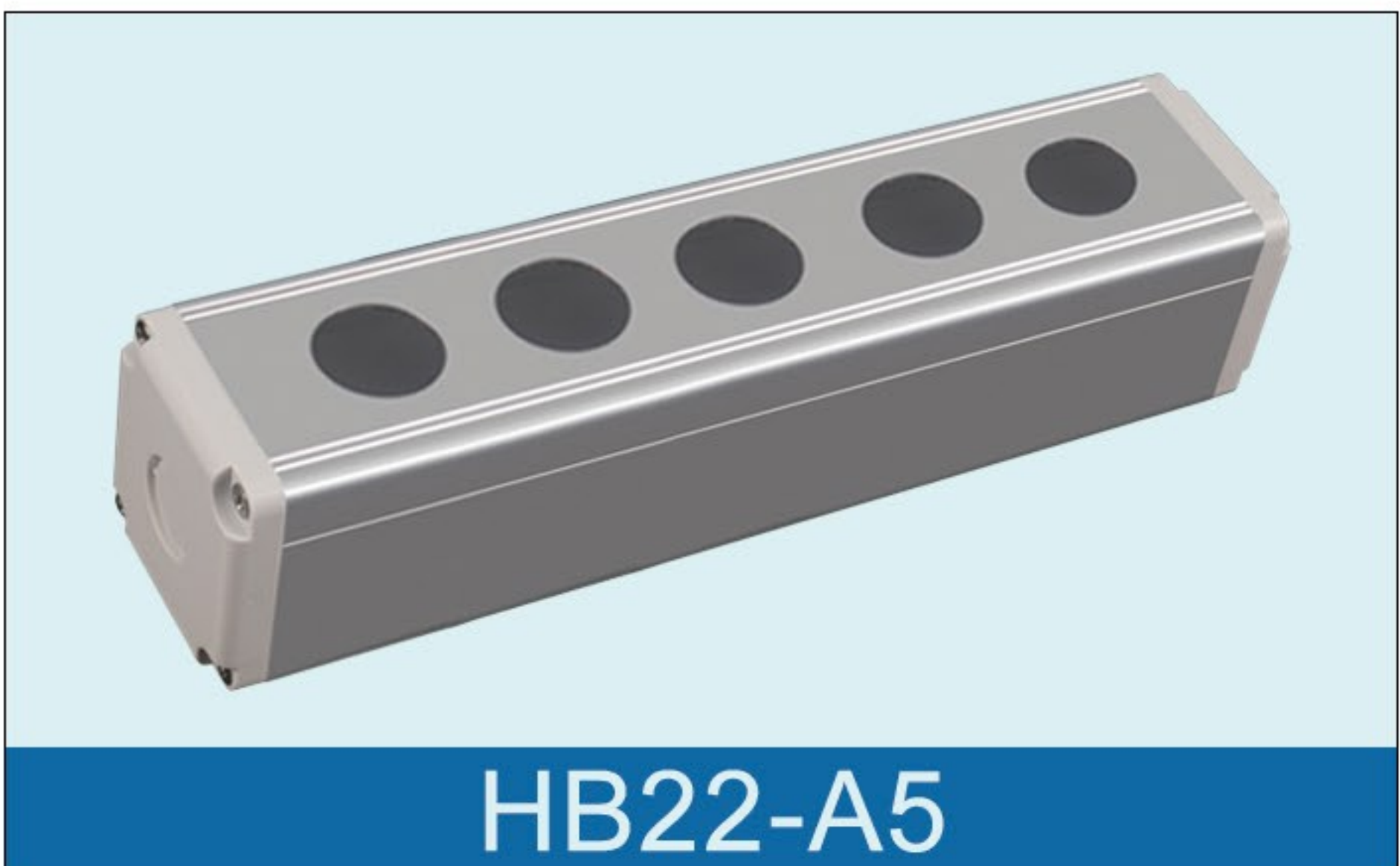
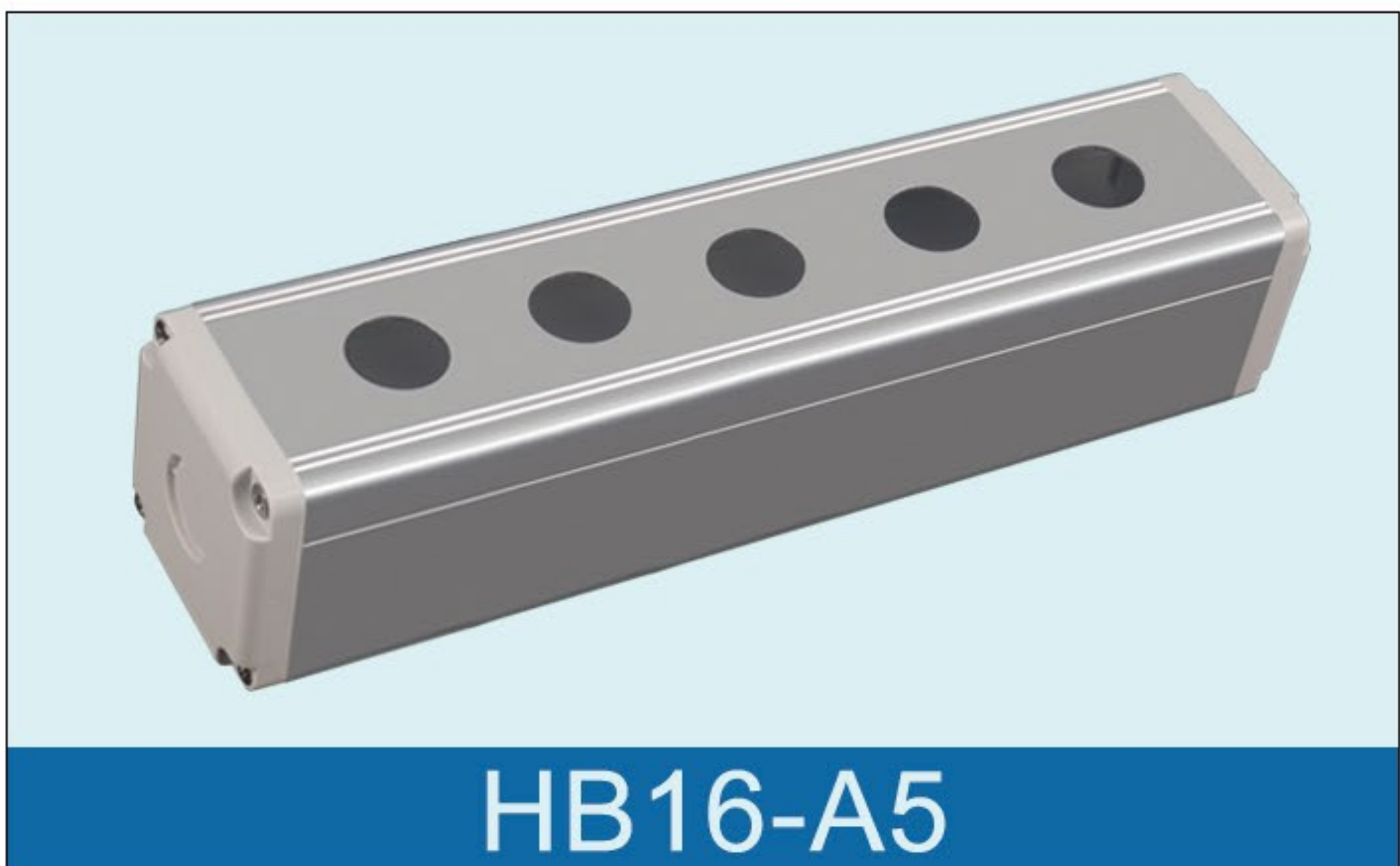
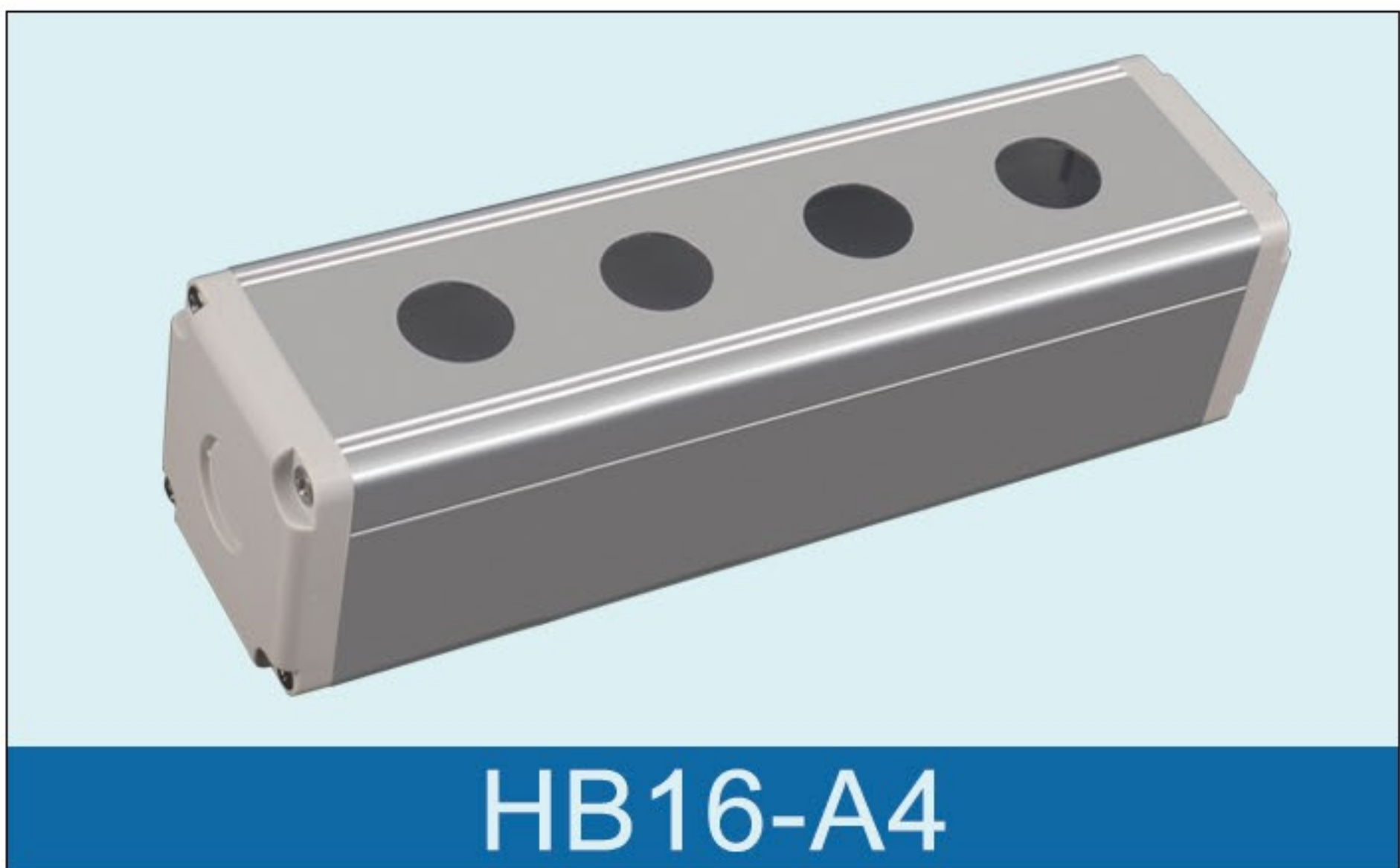


产品尺寸图

单位：mm



HB 系列金属按钮盒 HB Series Metal Button Box



金属按钮盒可定制长度和增加开孔，最多可增加到10孔。

Button Switch

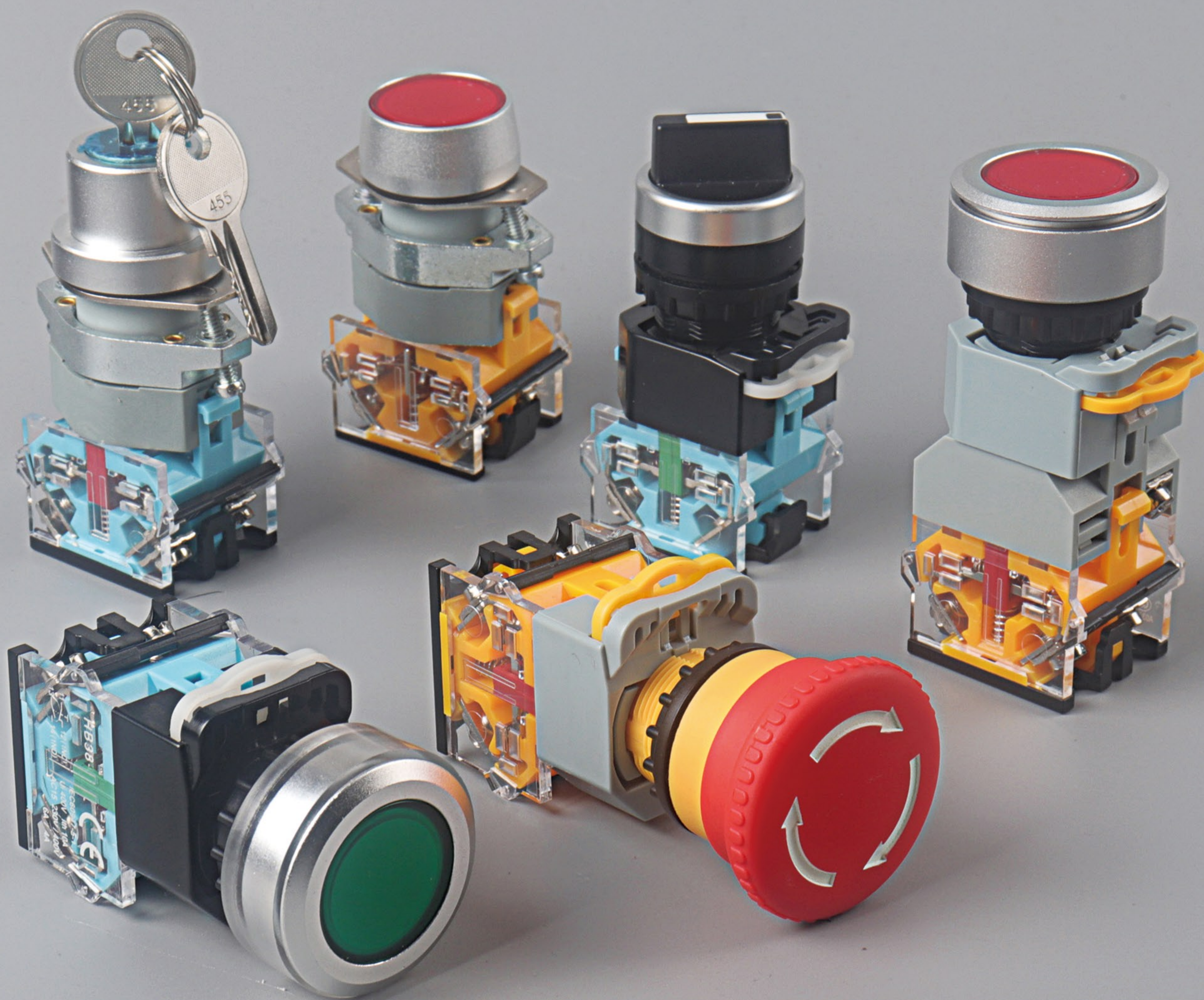
HB38系列按钮

1. 安装孔尺寸: $\phi 22\text{mm}/\phi 30\text{mm}$

2. 开关额定值: $U_i: 440\text{V}, I_{th} 10\text{A}$

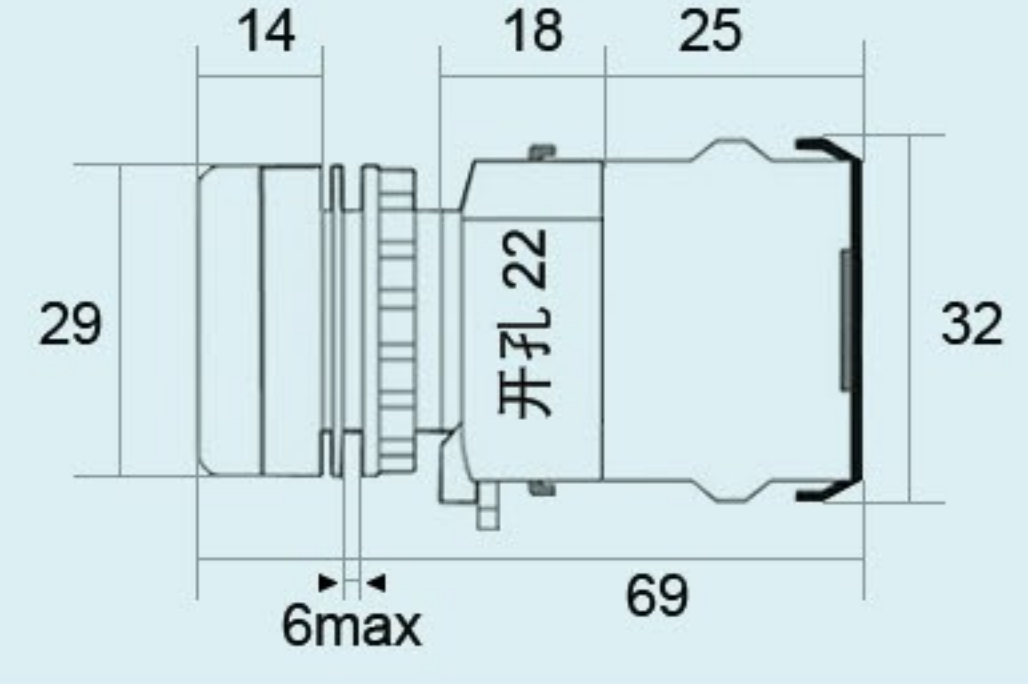
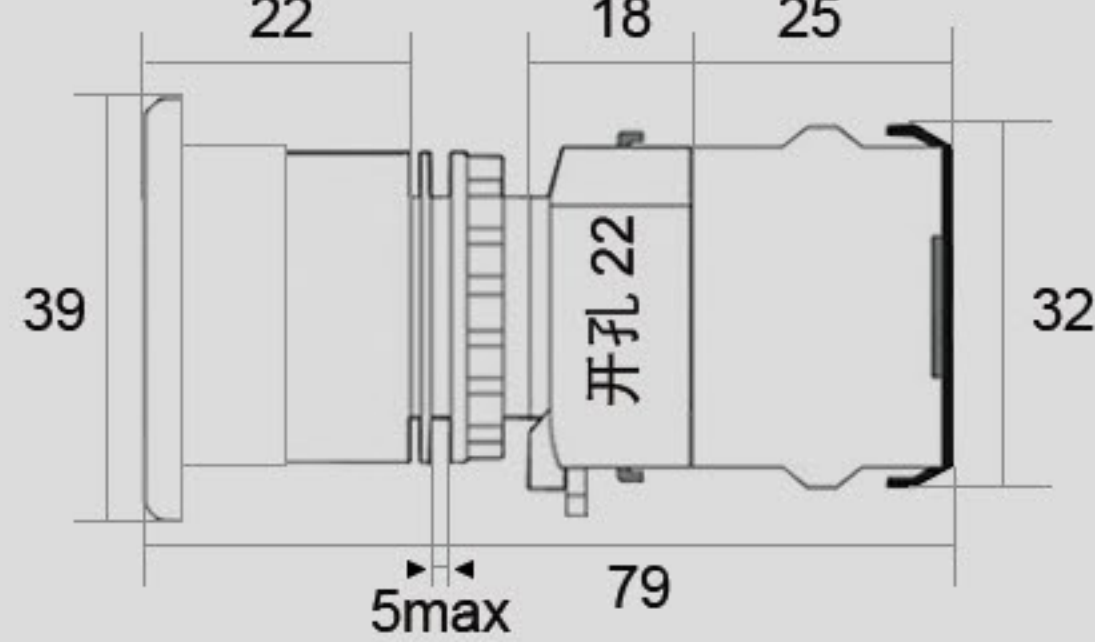
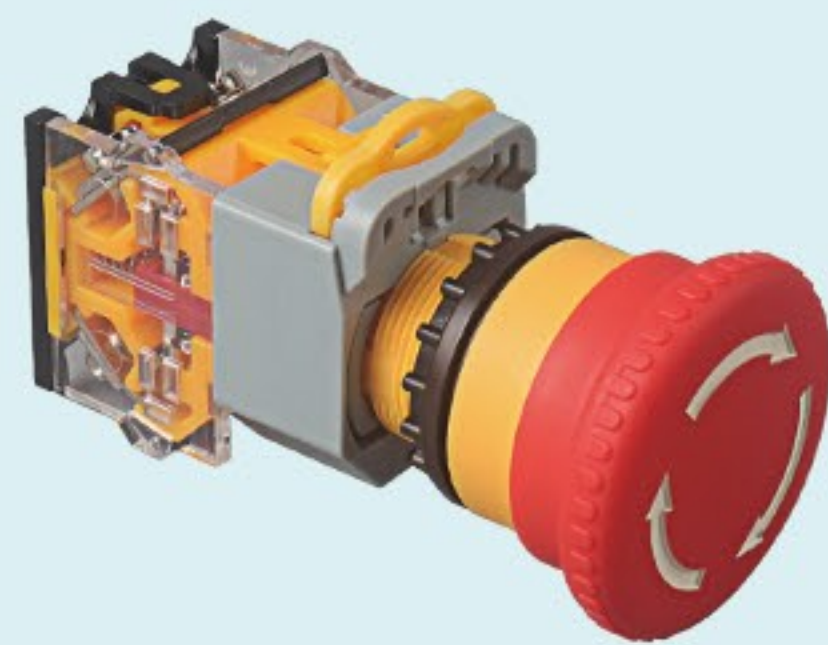
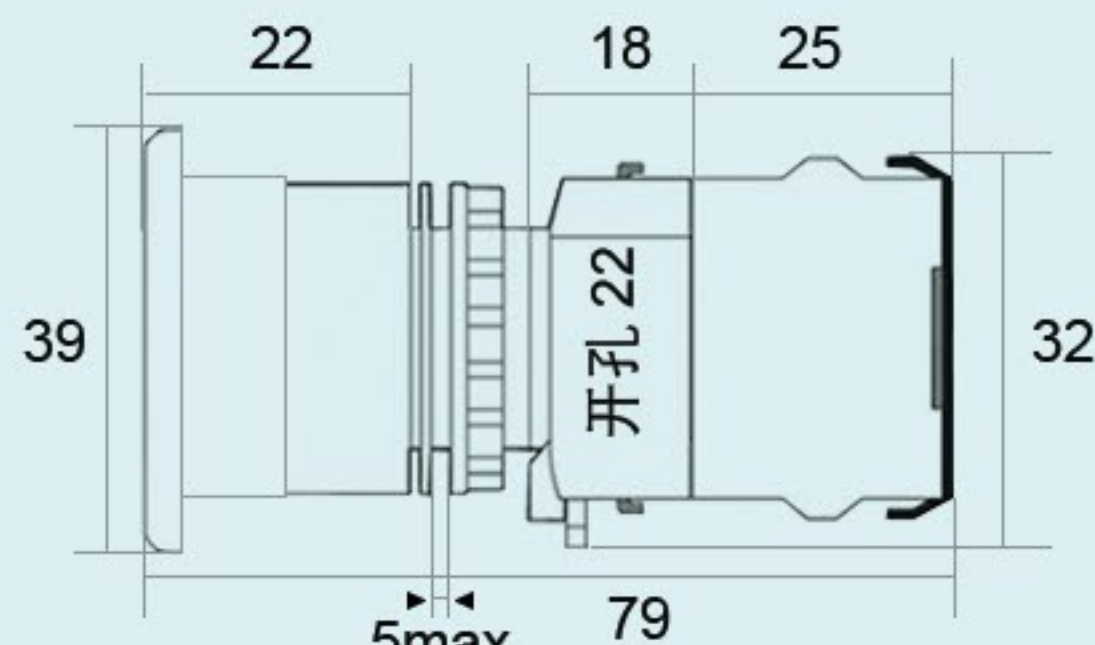
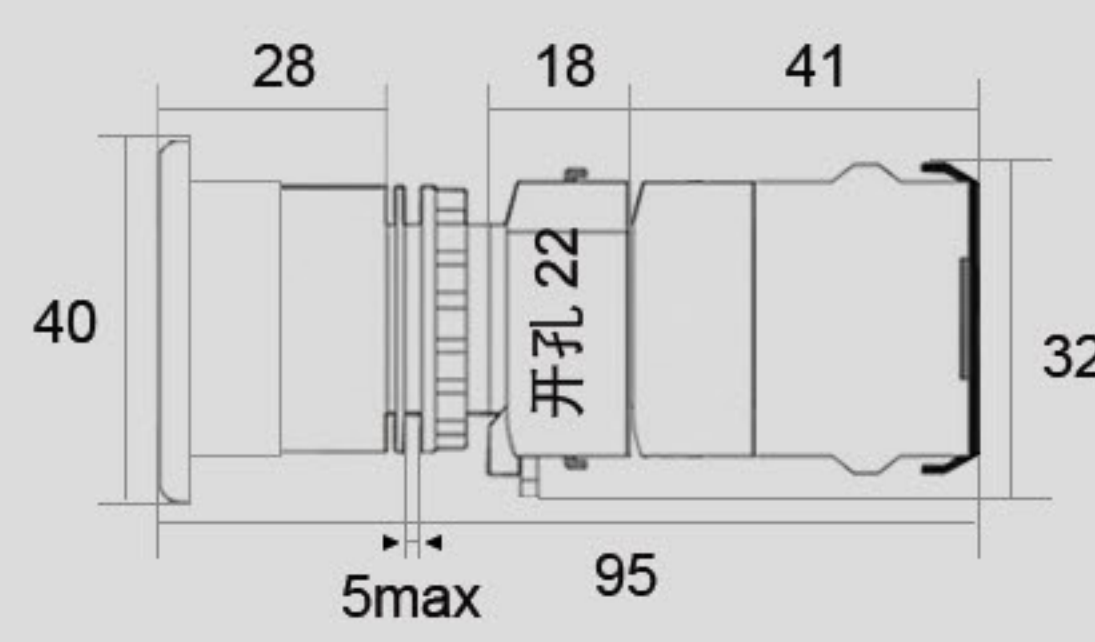
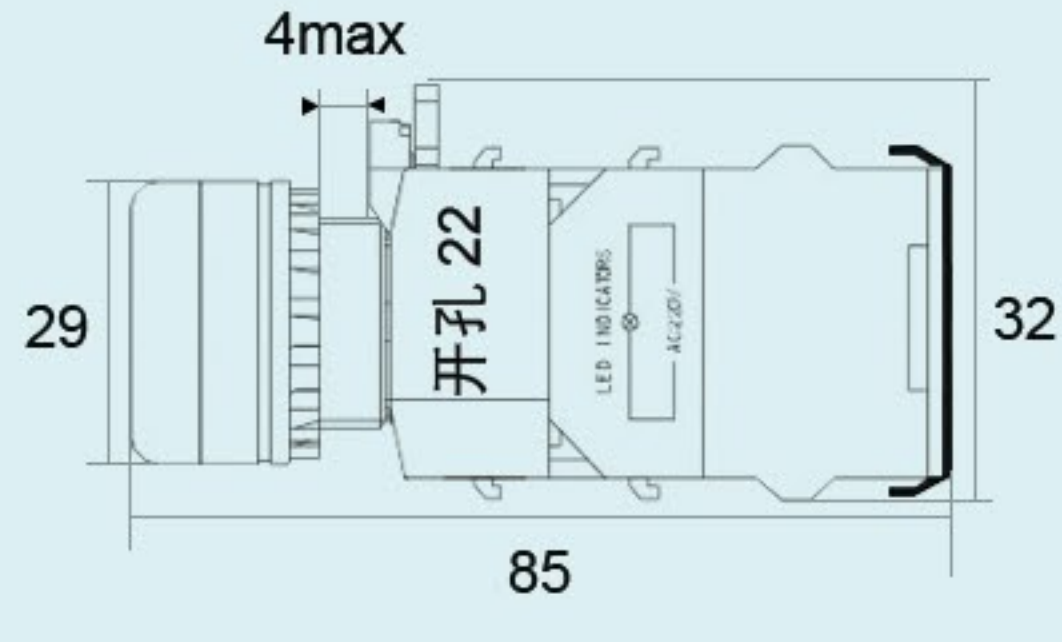
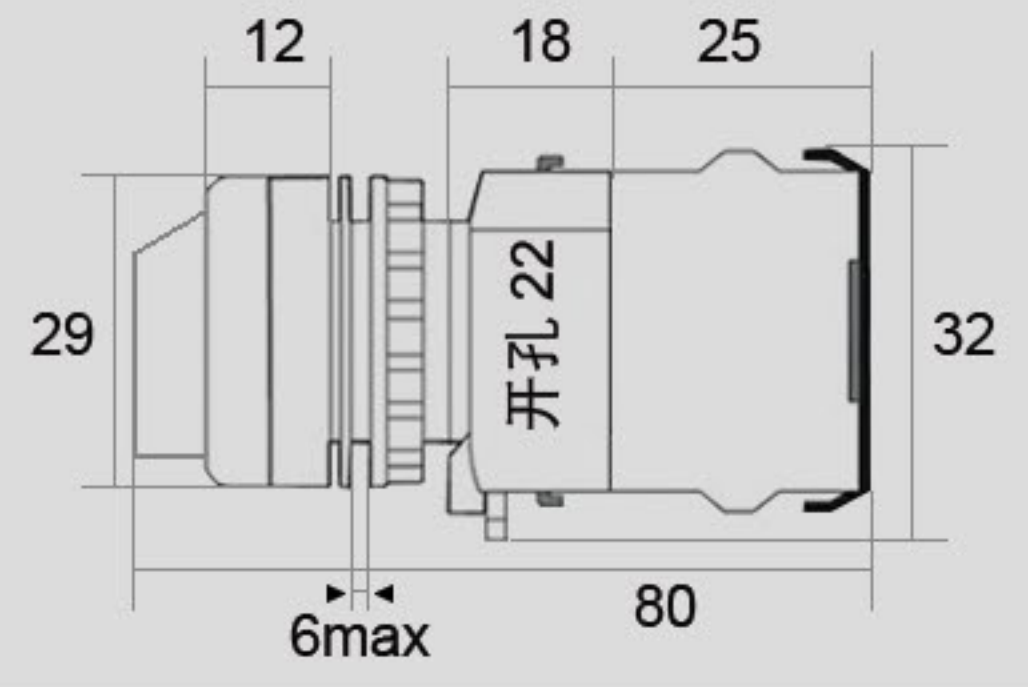
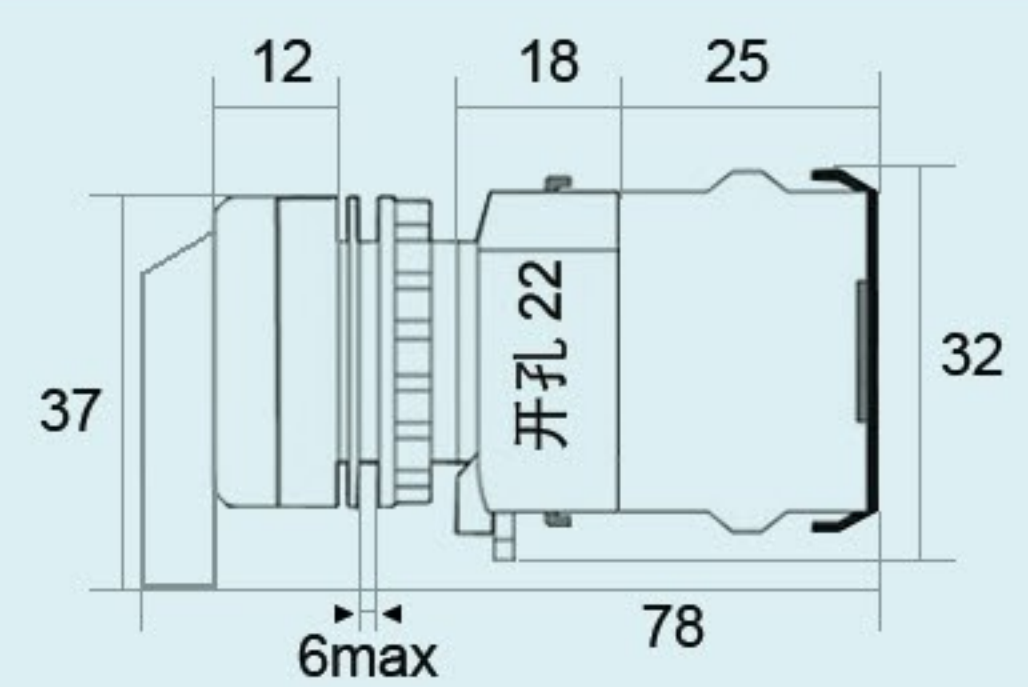
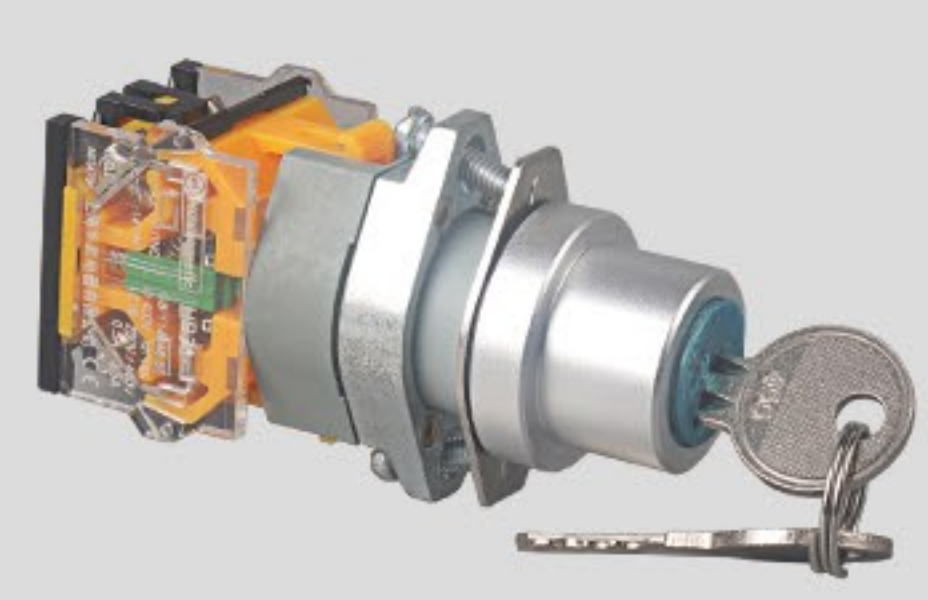
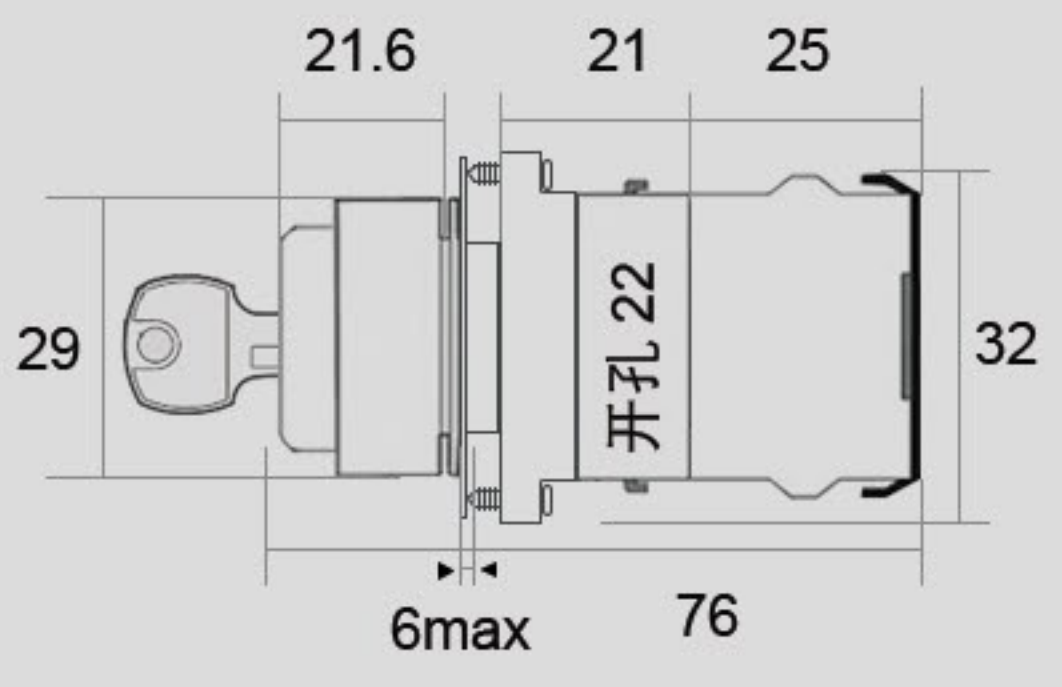
3. 机械寿命: ≥ 200 万次。

4. 电气寿命: ≥ 50 万次。

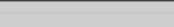
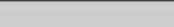


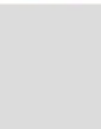
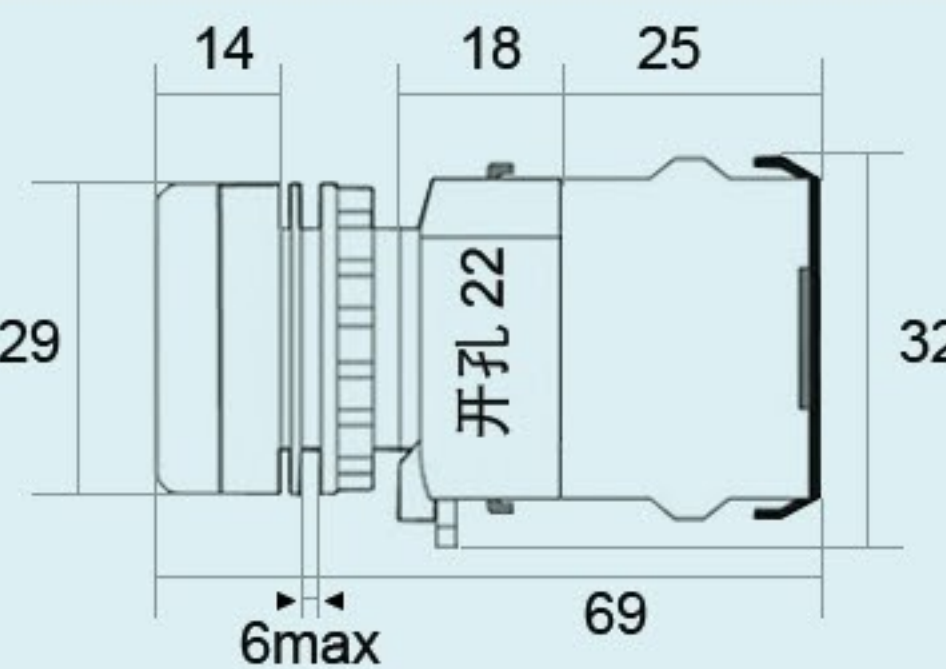
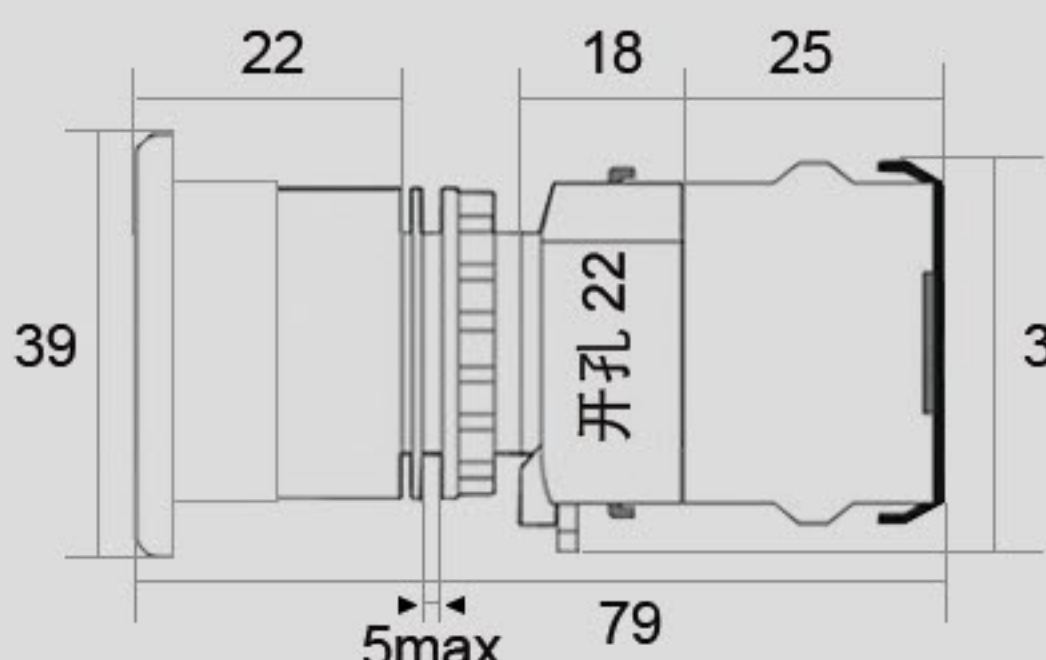
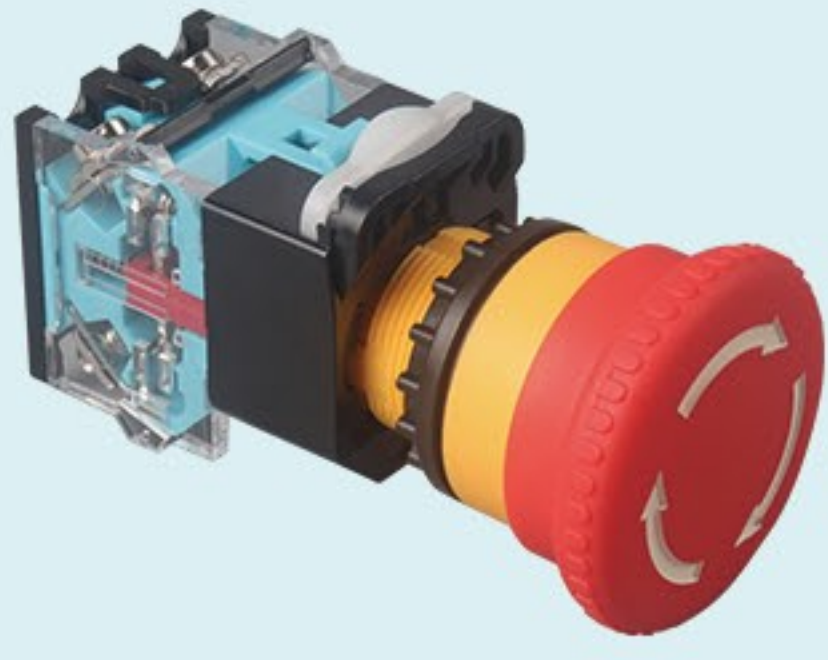
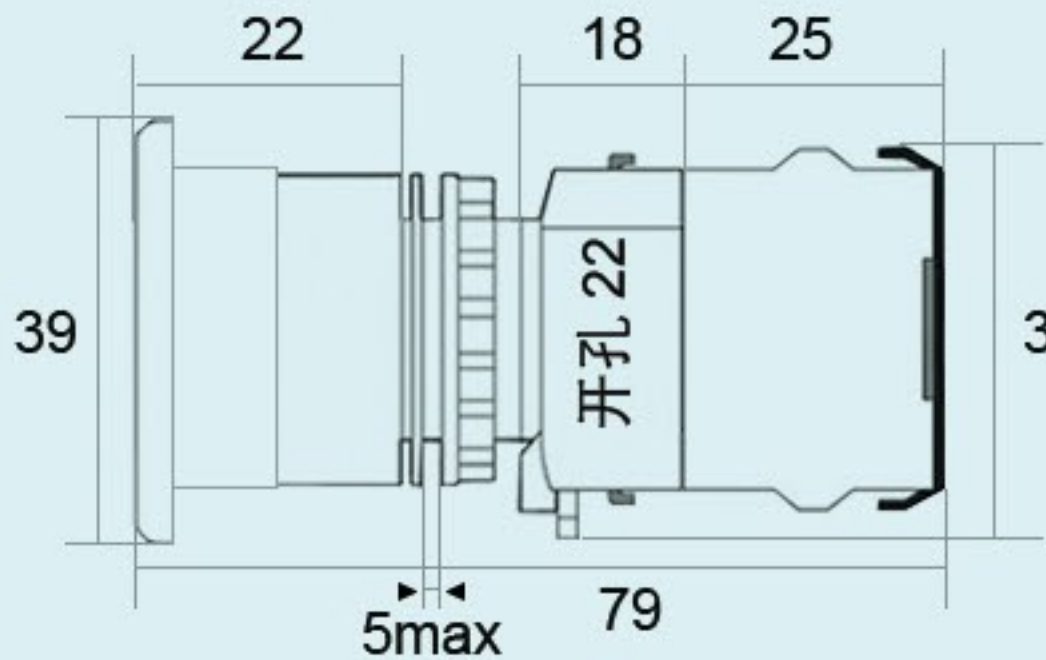
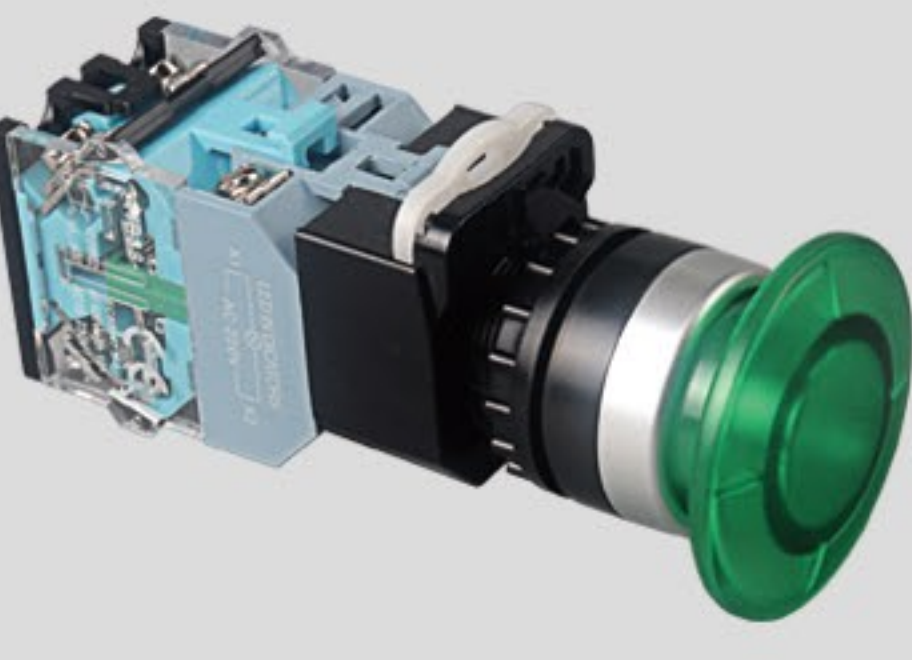
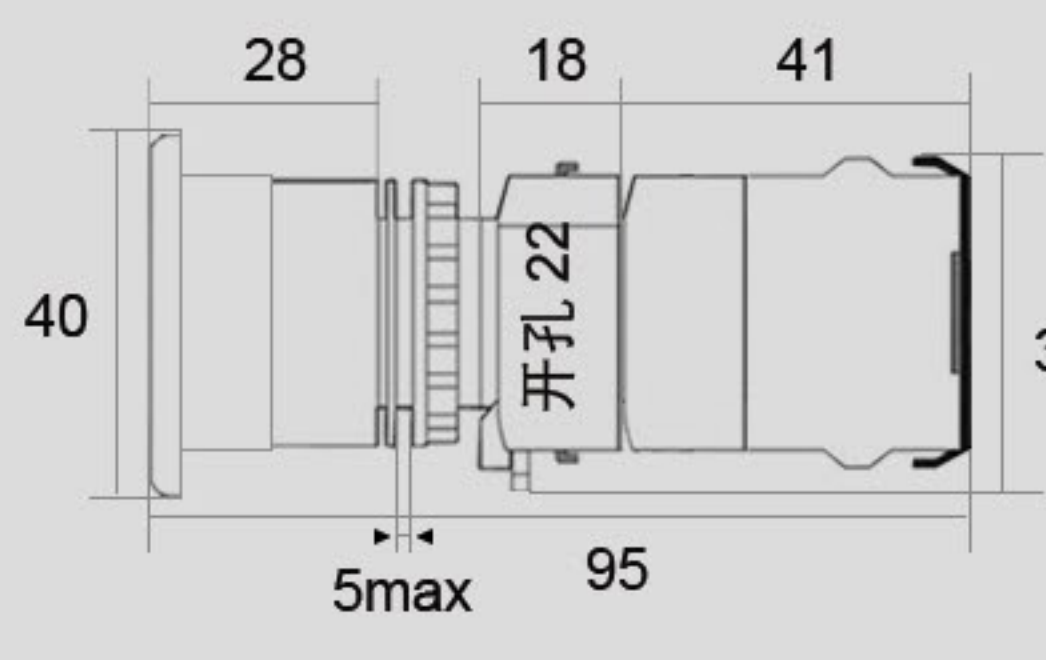
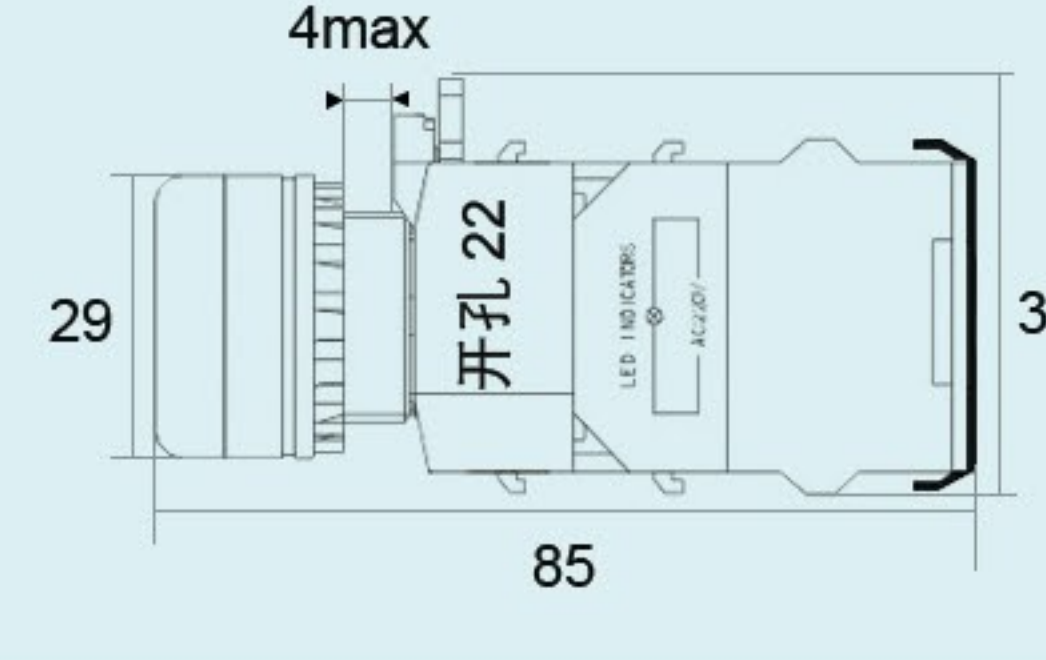
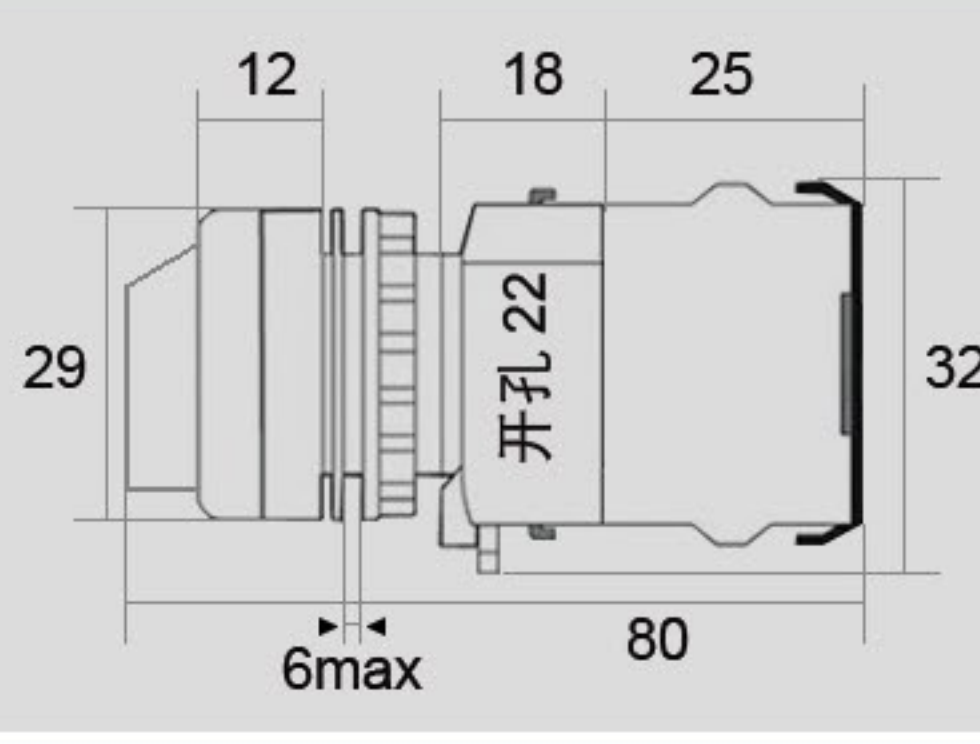
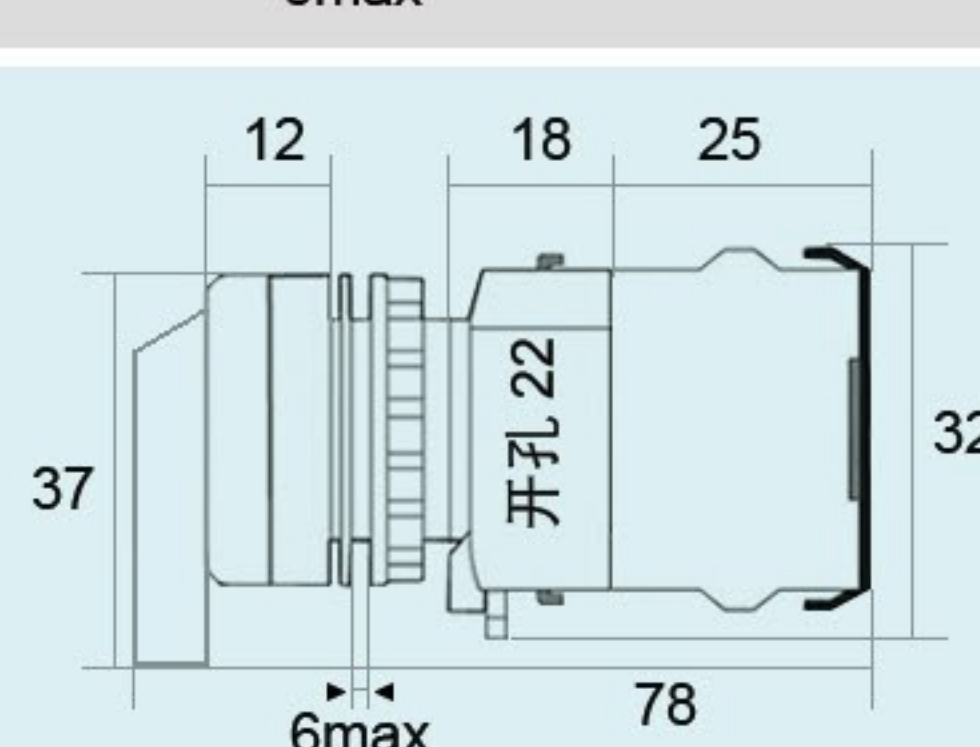
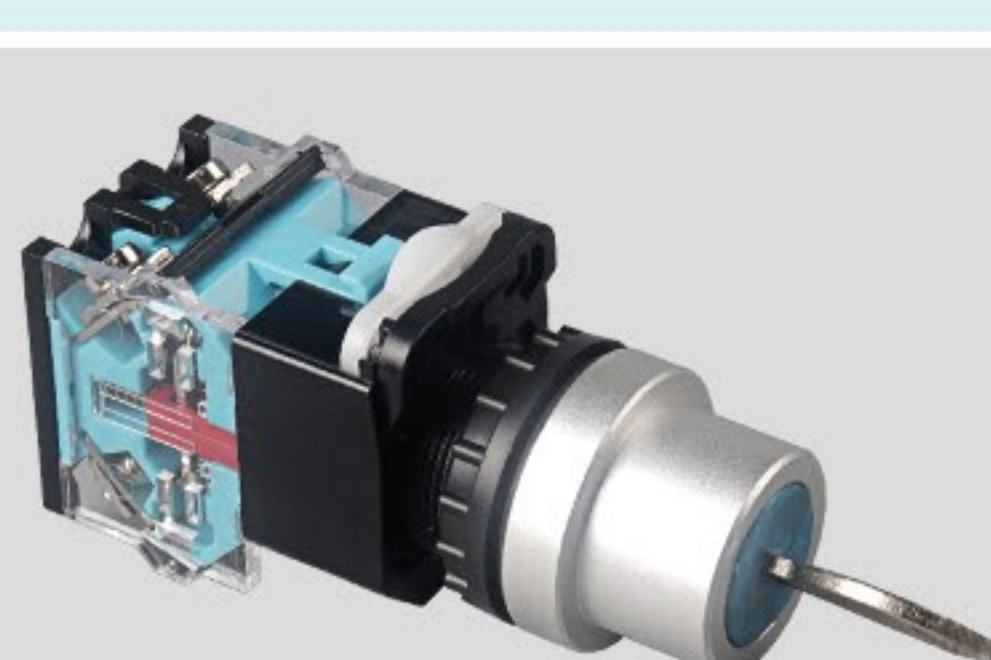
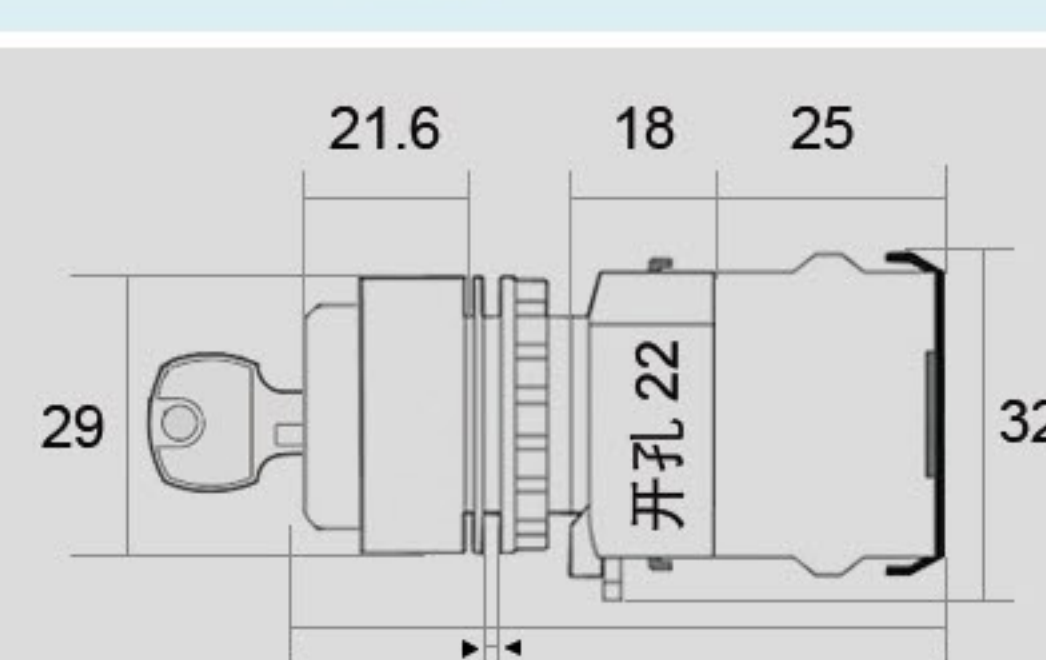
HB3 8 系列 按钮开关 HB38 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V	 外壳材料 COLOR	外壳: 塑料 Shell: Plastic
		操作位置说明 Position	二位自锁 Two position maintained 二位自复 Two position momentary 三位自锁 Three position maintained 三位自复 Three position momentary		

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	平钮 Flush button spring return	HB38-11		NO+NC	
	平钮自锁 Flush button stay put	HB38-11Z			
	高钮 Raised button spring return	HB38-11G			
	高钮自锁 Raised button stay put	HB38-11GZ			
	蘑菇钮自复 $\phi 40$ Mushroom head button spring return	HB38-11M		NO+NC	
	蘑菇钮自锁 $\phi 40$ Mushroom head button stay put	HB38-11ZS		NO+NC	
	蘑菇钮自锁带灯 $\phi 40$ Illuminated mushroom head turn to release 6-380V	HB38-11ZSD		NO+NC	
	蘑菇钮带灯 $\phi 40$ Illuminated head spring return 6-380V	HB38-11MD			
	平钮带灯 Illuminated flush button 6-380V	HB38-11D		NO+NC	
	平钮自锁带灯 Illuminated button stay put 6-380V	HB38-11DZ			
	二位旋钮 2-position selector switch	HB38-11X/2		NO+NC	
	三位旋钮 3-position selector switch	HB38-11X/3			
	二位旋柄 2-position selector switch	HB38-11XB/2		NO+NC	
	三位旋柄 3-position selector switch	HB38-11XB/3			
	二位钥匙 2-position selector key switch	HB38-11Y/2		NO+NC	
	三位钥匙 3-position selector key switch	HB38-11Y/3			

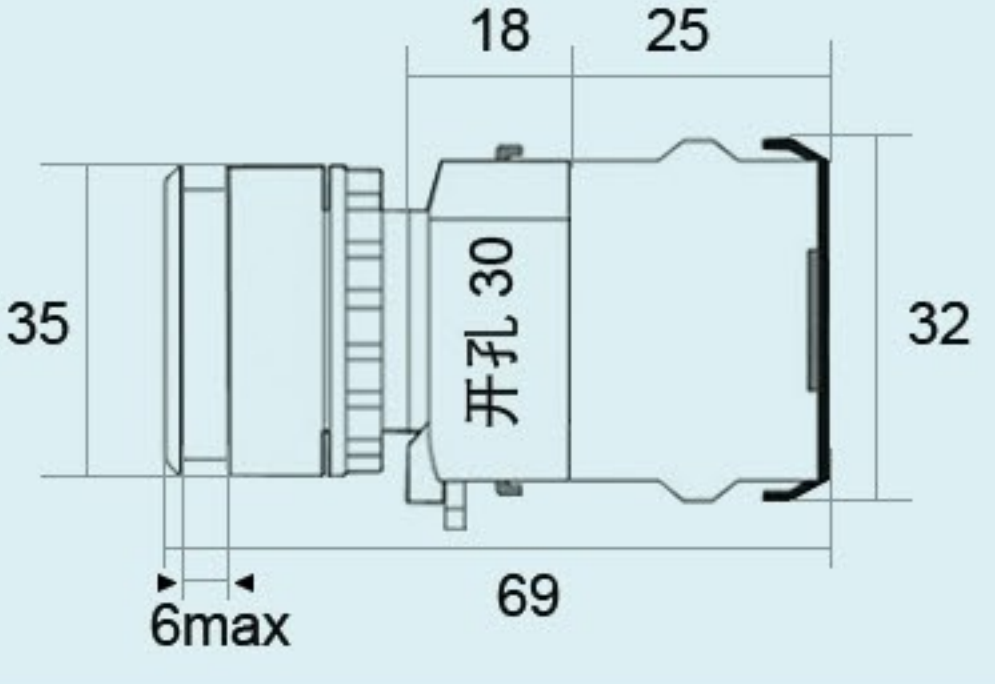
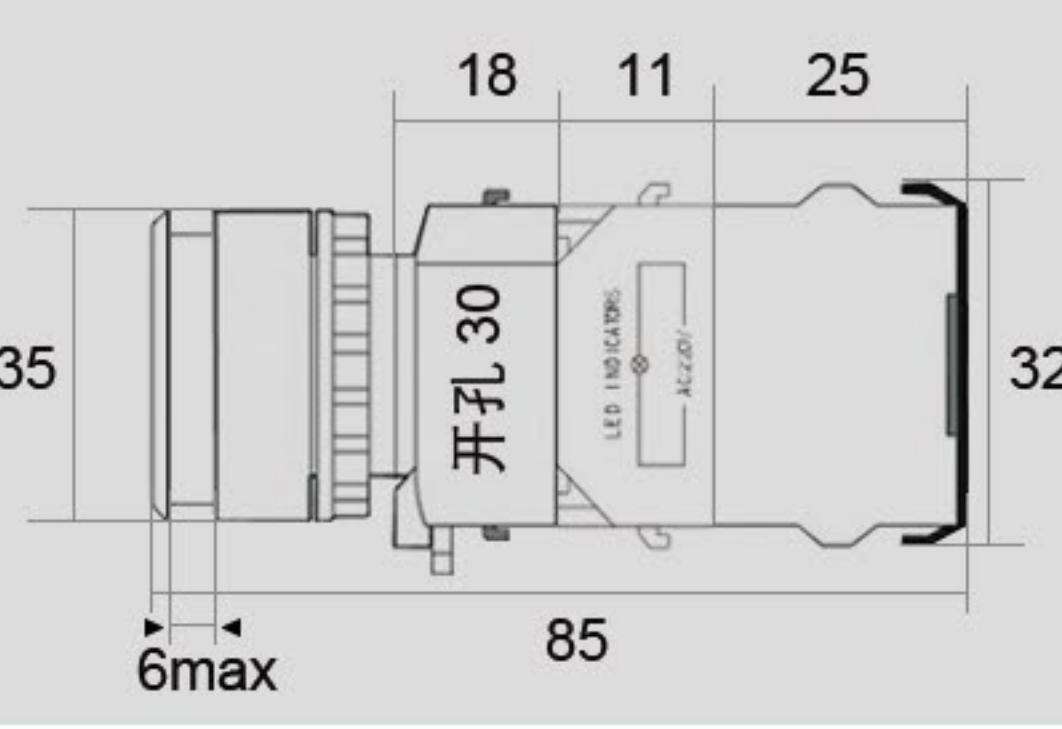
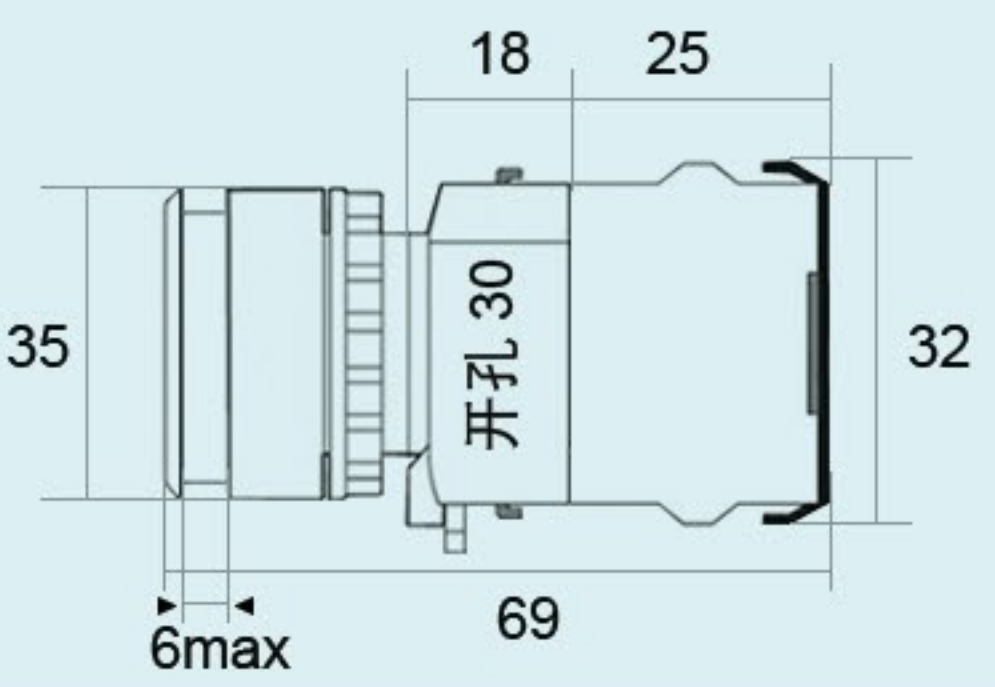
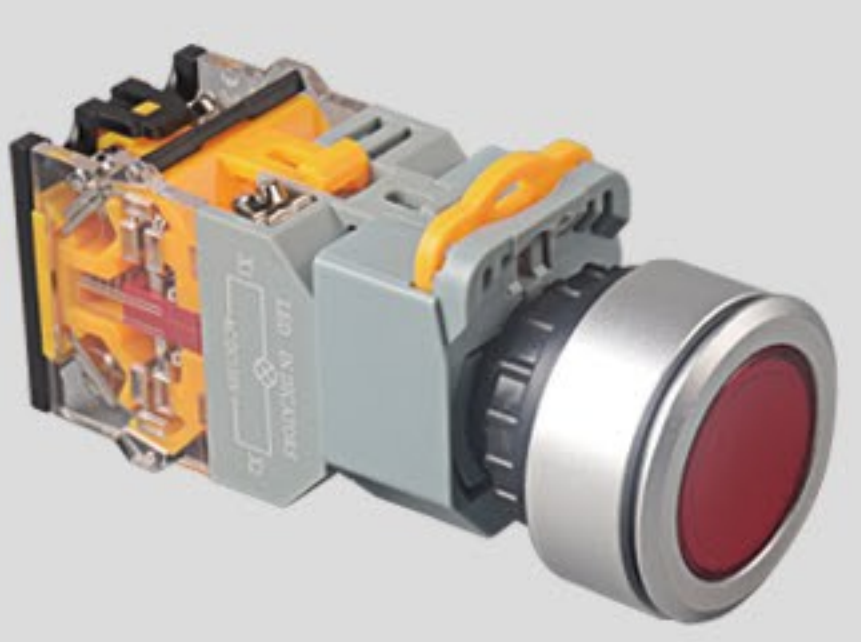
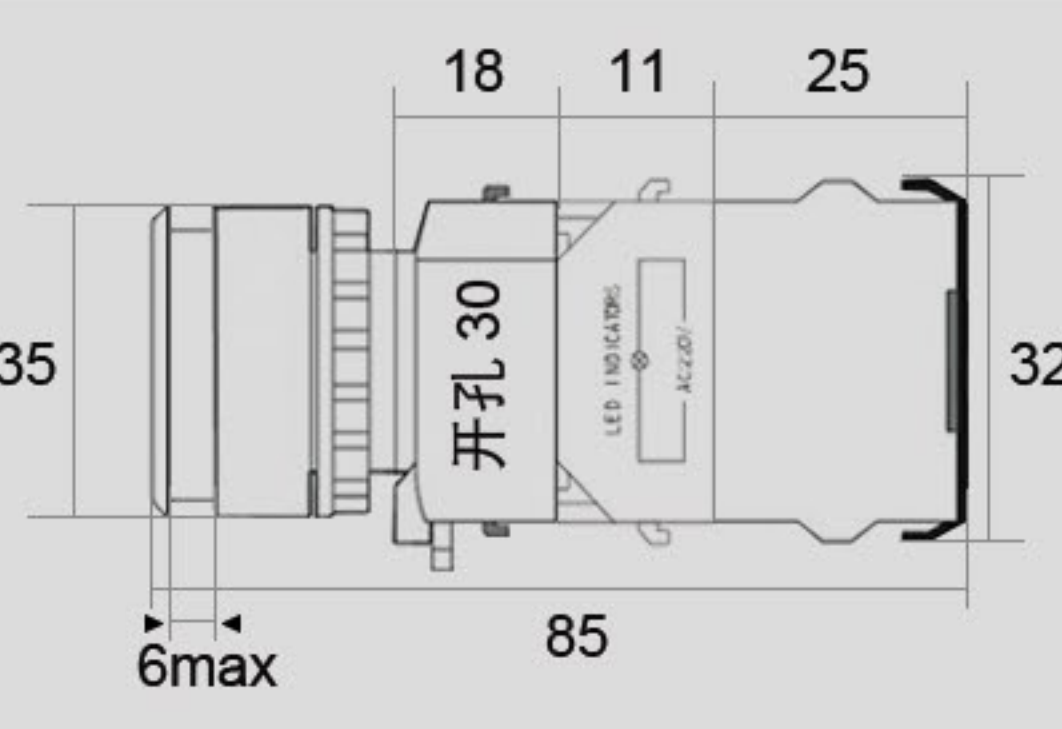
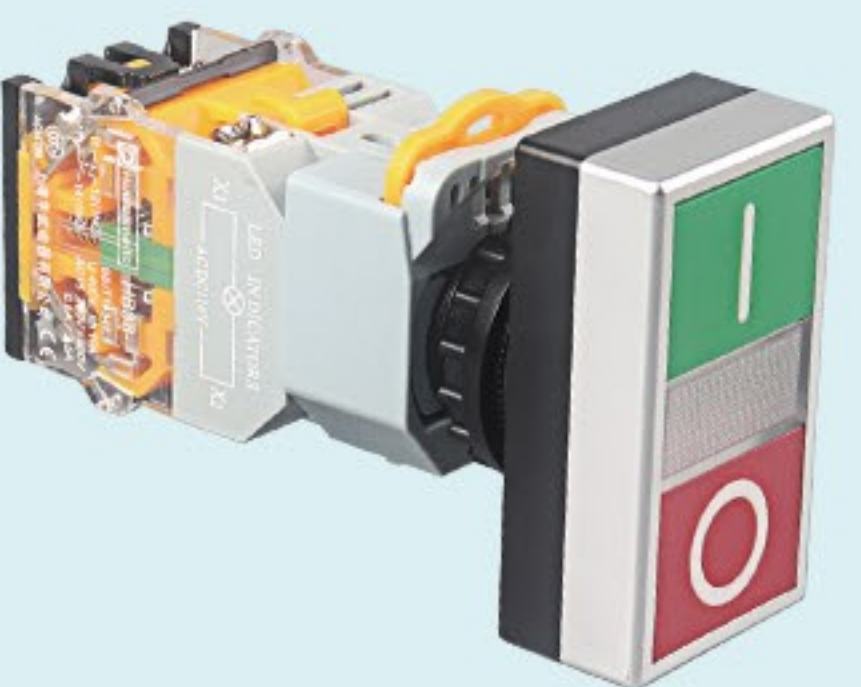
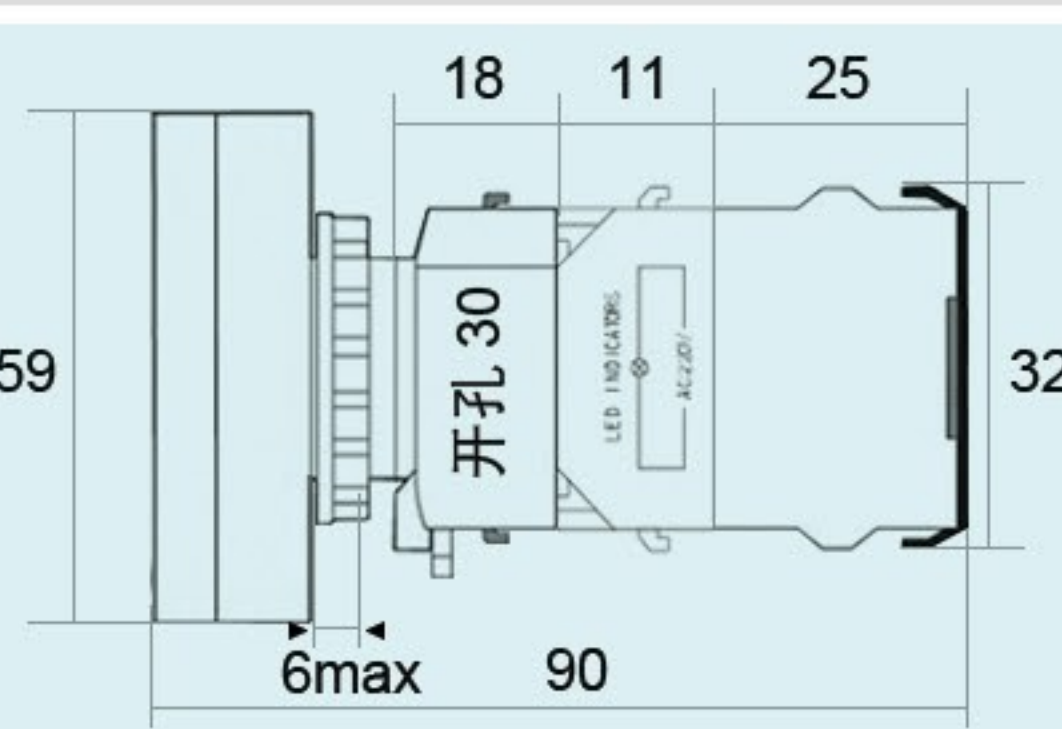
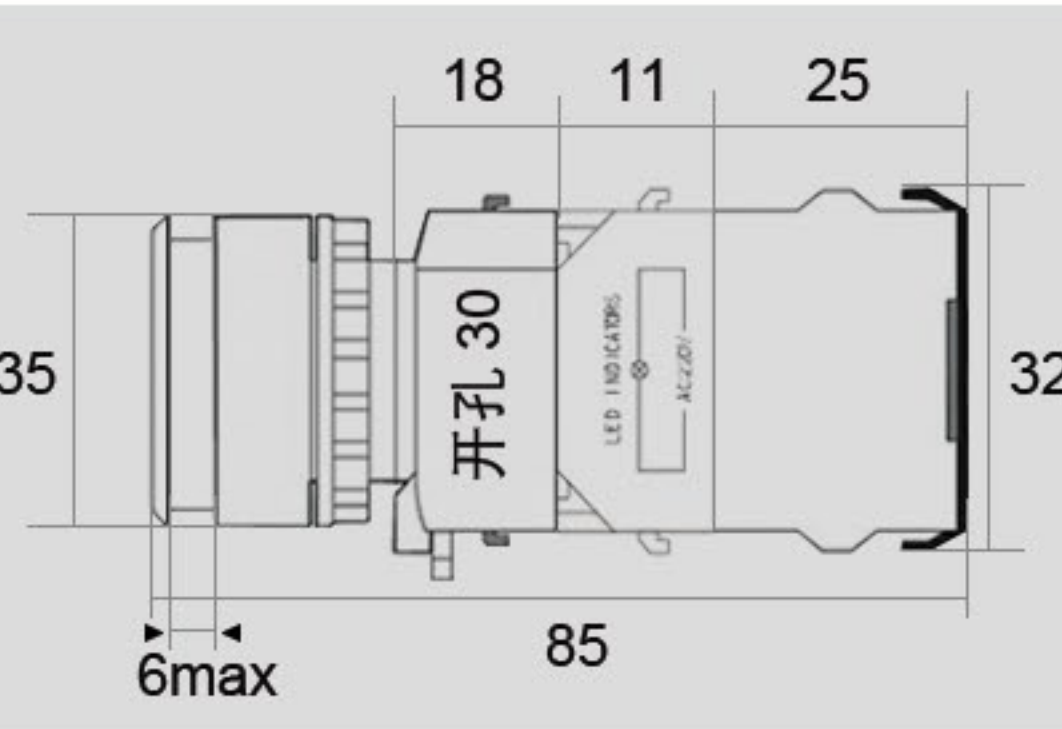
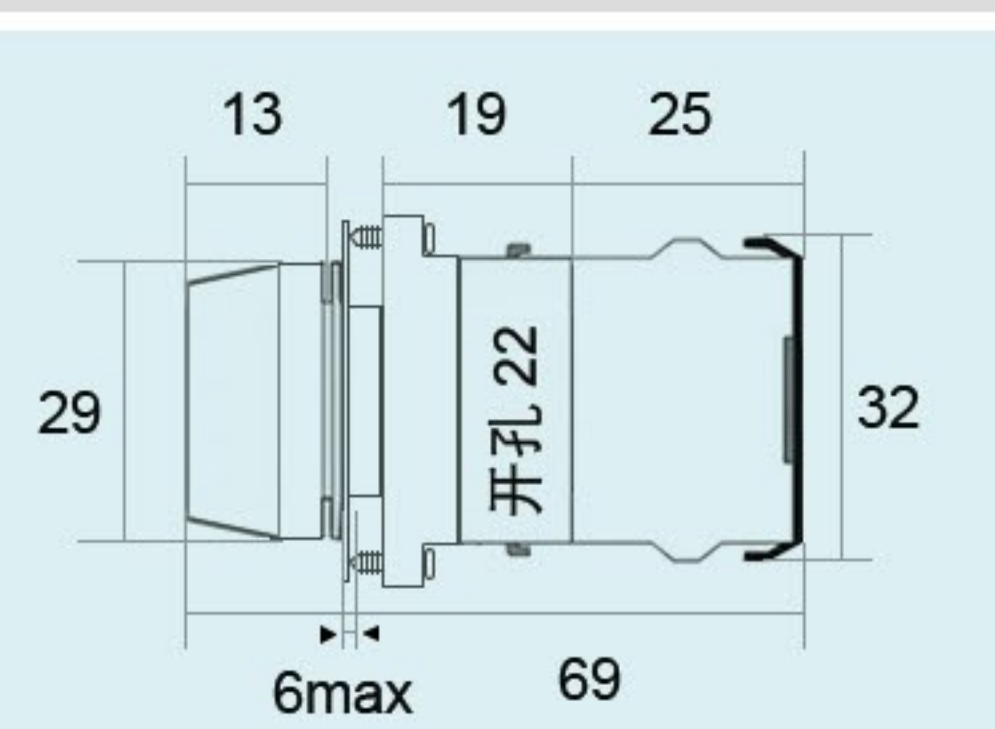
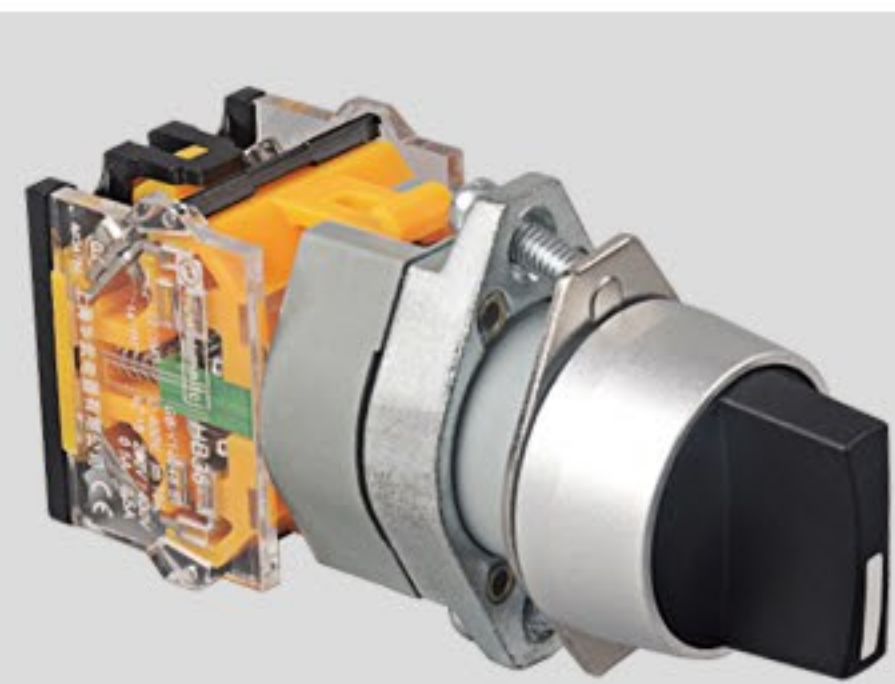
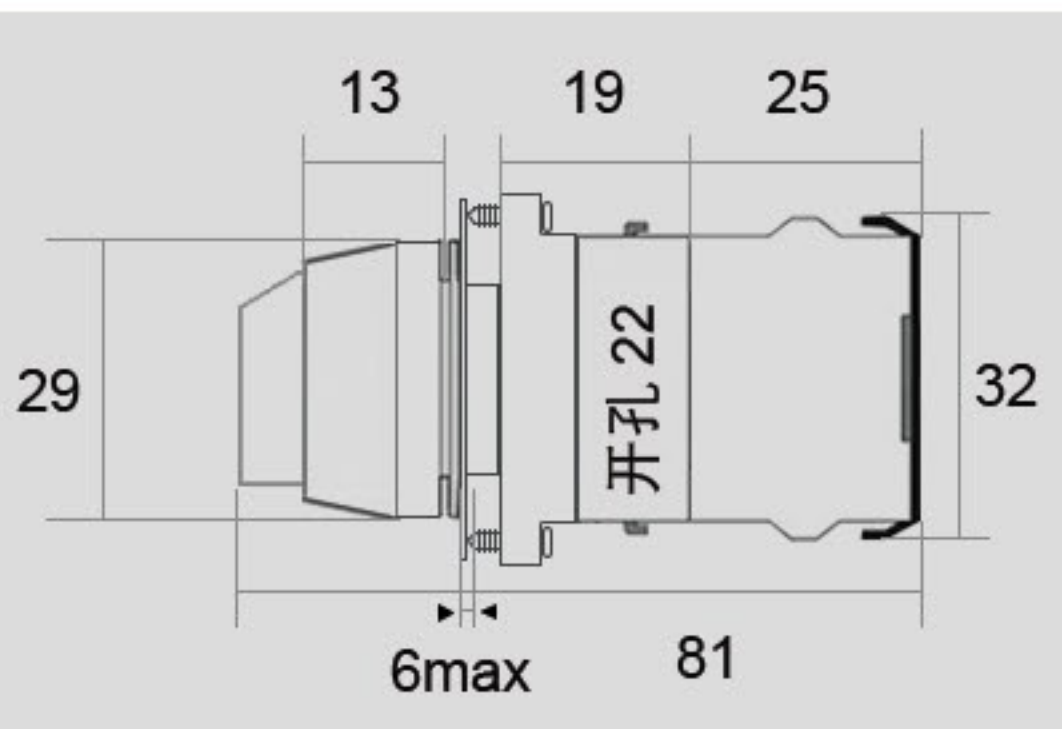
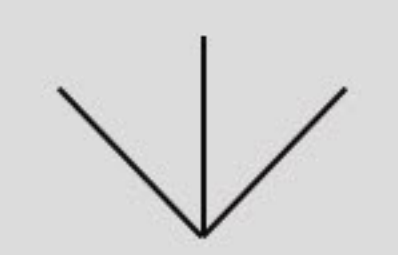
HB3 8 系列 按钮 开关 HB38 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	外壳：塑料 Shell: Plastic
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	平钮 Flush button spring return	HB38-11	 白色 White  黑色 Black  红色 Red  绿色 Green  黄色 Yellow  蓝色 Blue	NO+NC	
	平钮自锁 Flush button stay put	HB38-11Z			
	高钮 Raised button spring return	HB38-11G			
	高钮自锁 Raised button stay put	HB38-11GZ			
	蘑菇钮自复 Φ40 Mushroom head button spring return	HB38-11M	 红色 Red  绿色 Green  黄色 Yellow	NO+NC	
	蘑菇钮自锁 Φ40 Mushroom head button stay put	HB38-11ZS	 红色 Red  绿色 Green  黄色 Yellow	NO+NC	
	蘑菇钮自锁带灯 Φ40 Illuminated mushroom head turn to release 6-380V	HB38-11ZSD	 红色 Red  绿色 Green  黄色 Yellow	NO+NC	
	蘑菇钮带灯 Φ40 Illuminated head spring return 6-380V	HB38-11MD			
	平钮带灯 Illuminated flush button 6-380V	HB38-11D	 红色 Red  绿色 Green  黄色 Yellow	NO+NC	
	平钮自锁带灯 Illuminated button stay put 6-380V	HB38-11DZ			
	二位旋钮 2-position selector switch	HB38-11X/2		NO+NC	
	三位旋钮 3-position selector switch	HB38-11X/3			
	二位旋柄 2-position selector switch	HB38-11XB/2		NO+NC	
	三位旋柄 3-position selector switch	HB38-11XB/3			
	二位钥匙 2-position selector key switch	HB38-11Y/2		NO+NC	
	三位钥匙 3-position selector key switch	HB38-11Y/3			

HB38 系列 按钮 开关 HB38 Button Switch

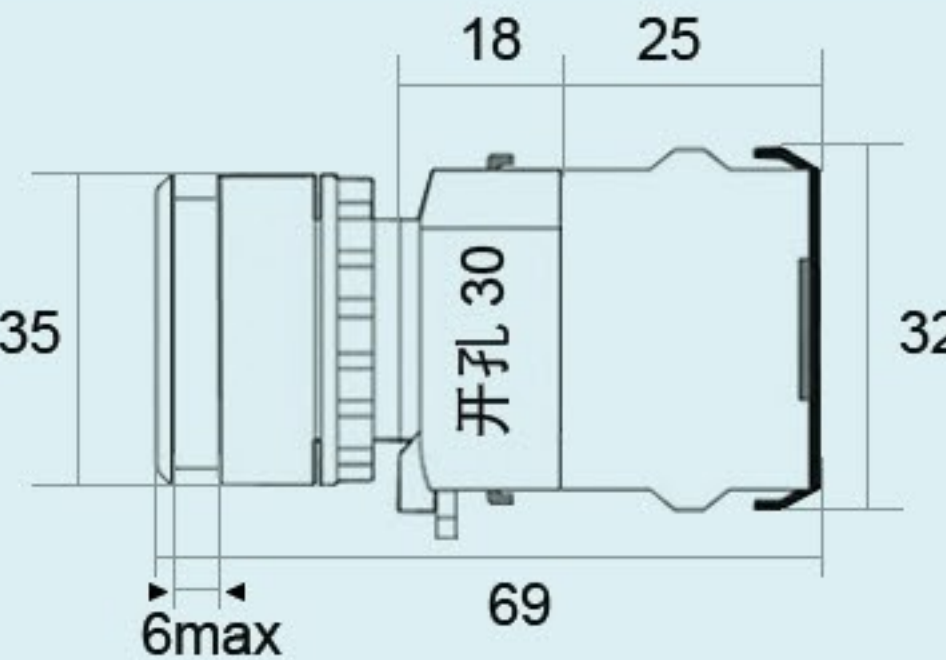
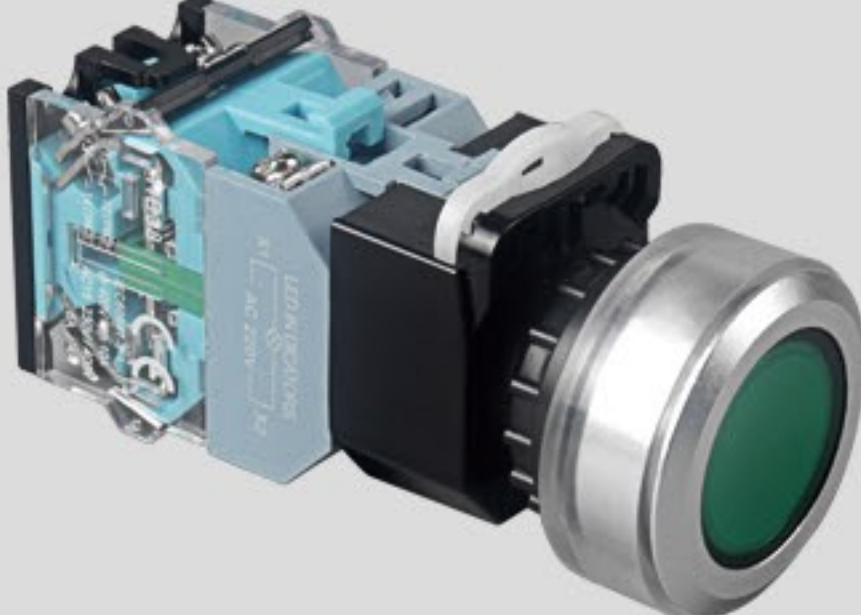
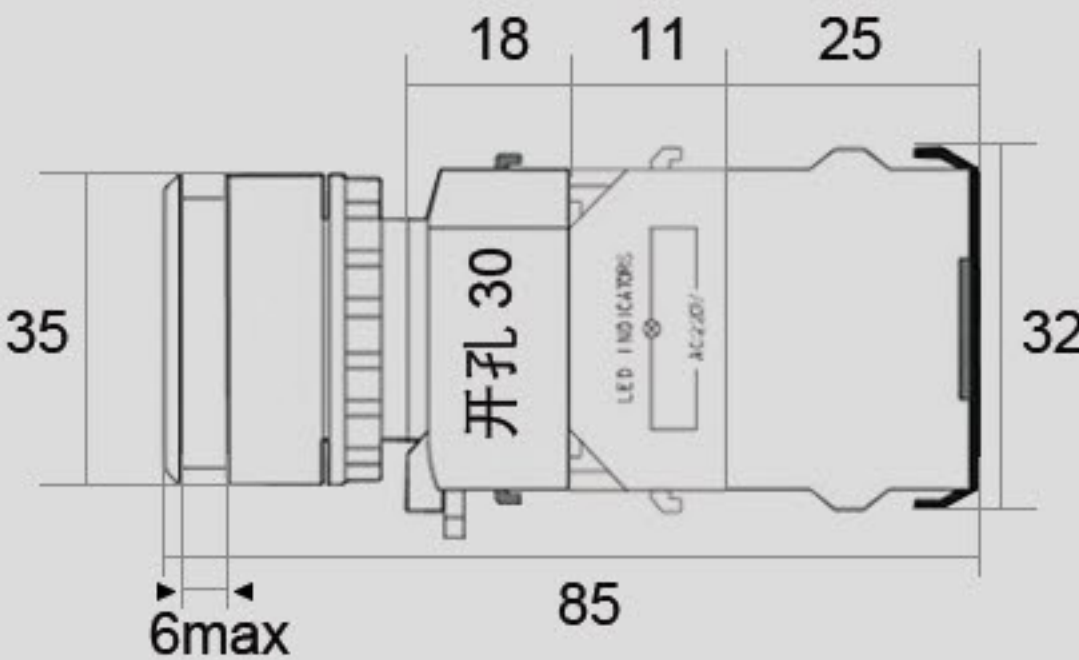
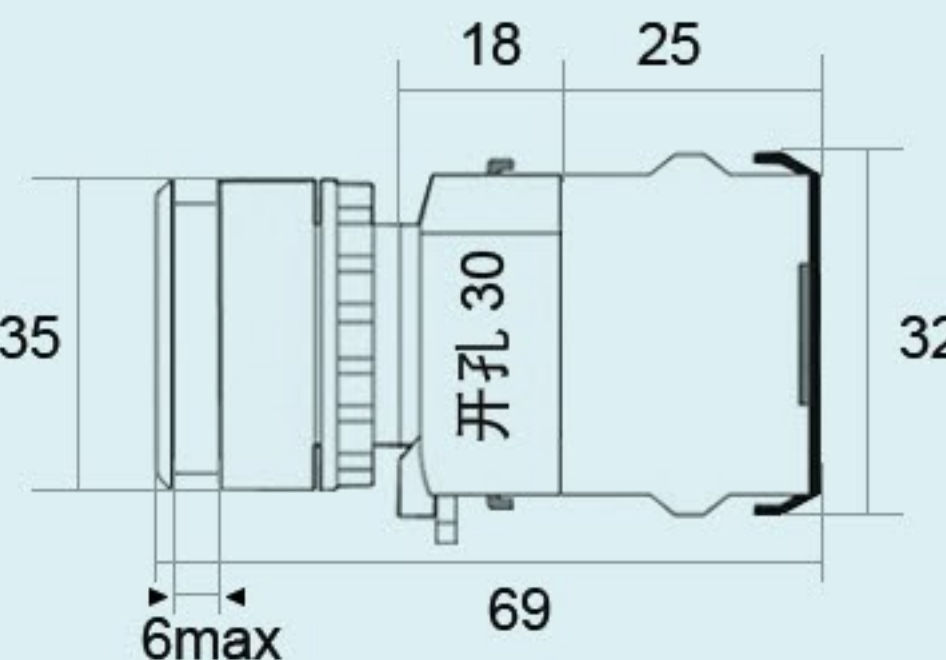
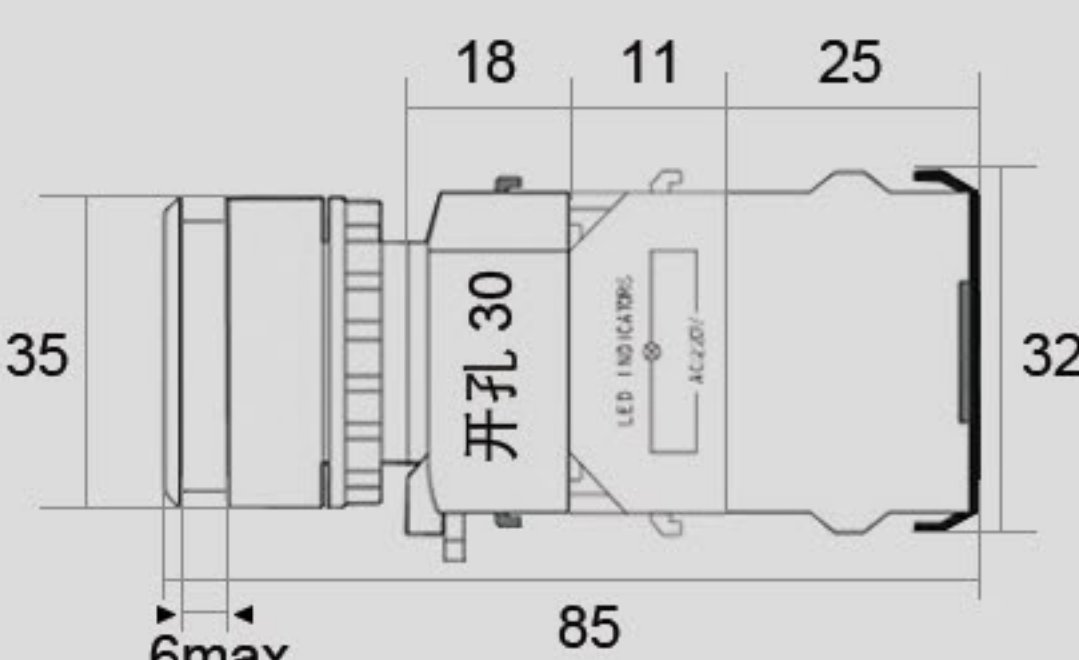
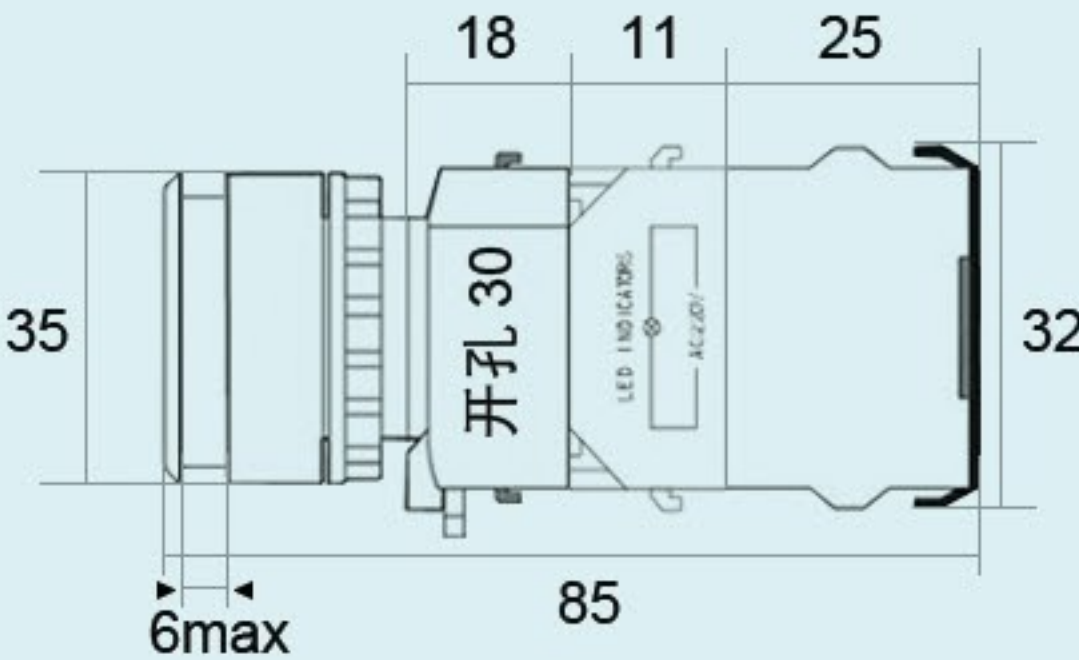
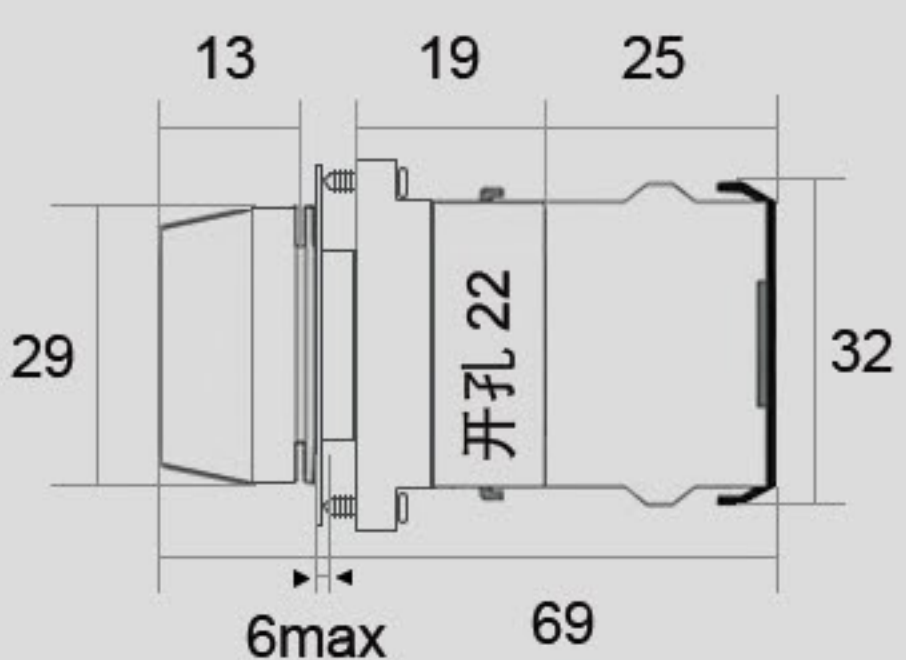
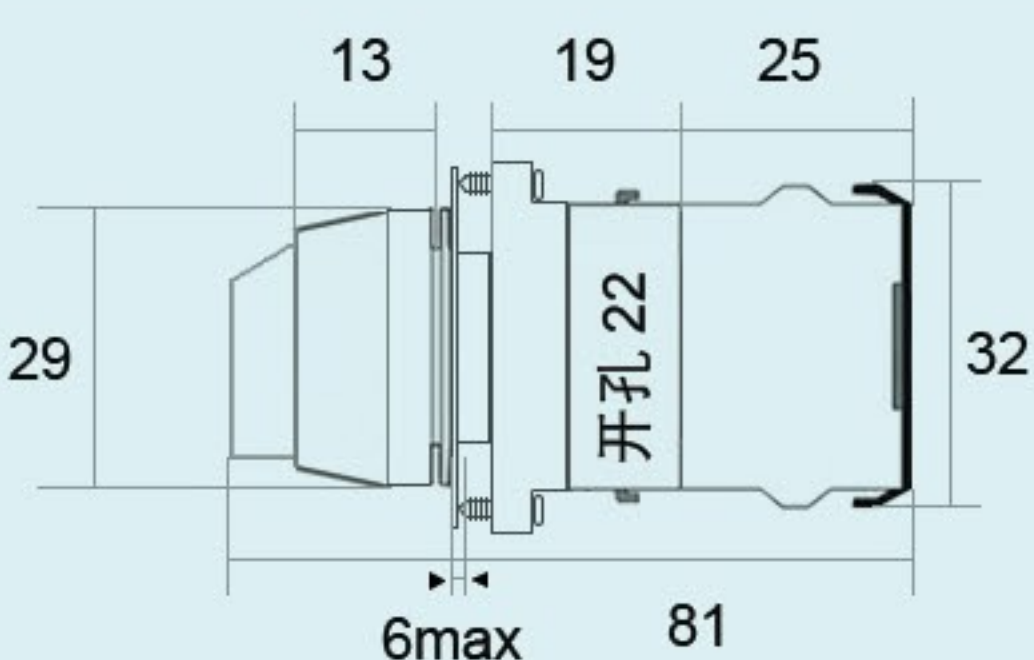
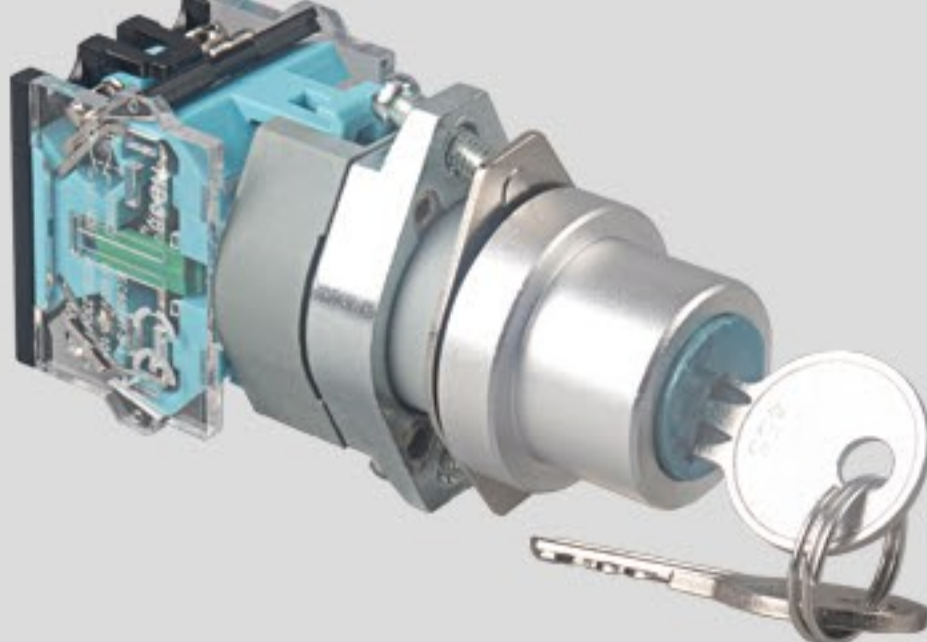
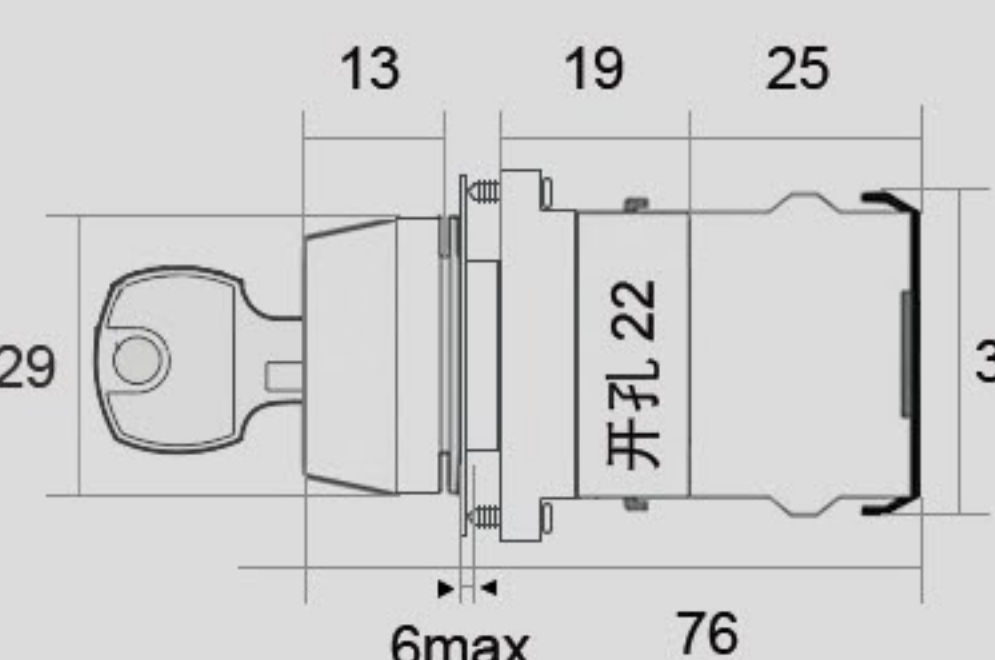
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	外壳: 塑料 Shell: Plastic
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	平钮 Flush button spring return	HB38-30/11	● 白色 White ● 黑色 Black ● 红色 Red ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO+NC	
	平钮自锁 Flush button stay put	HB38-30/11Z			
	平钮带灯 Illuminated flush button 6-380V	HB38-30/11D	● 红色 Red ● 绿色 Green ● 黄色 Yellow	NO+NC	
	平钮自锁带灯 Illuminated button stay put 6-380V	HB38-30/11DZ			
	平钮 Flush button spring return	HB38-30/11S	● 白色 White ● 黑色 Black ● 红色 Red ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO+NC	
	平钮自锁 Flush button stay put	HB38-30/11ZS			
	平钮带灯 Illuminated flush button 6-380V	HB38-30/11DS	● 红色 Red ● 绿色 Green ● 黄色 Yellow	NO+NC	
	平钮自锁带灯 Illuminated button stay put 6-380V	HB38-30/11DZS			
	双钮直接式带灯 Illuminated button-headed button with Neon or LED 6-380V	HB38-EW8365		NO+NC	
		HB38-EW8465			
	金属平钮带灯 Illuminated flush button 6-380V	HB38-K30/11DS	● 白色 White ● 红色 Red ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO+NC	
	金属平钮自锁带灯 Illuminated button stay put 6-380V	HB38-K30/11DZS			
	平钮 Flush button spring return	HB38-A11	● 白色 White ● 黑色 Black ● 红色 Red ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO+NC	
	平钮自锁 Flush button stay put	HB38-A11Z			
	二位钥匙 2-position selector key switch	HB38-A11X/2		NO+NC	
	三位钥匙 3-position selector key switch	HB38-A11X/3			

HB38 系列 按钮 开关

HB38 Button Switch

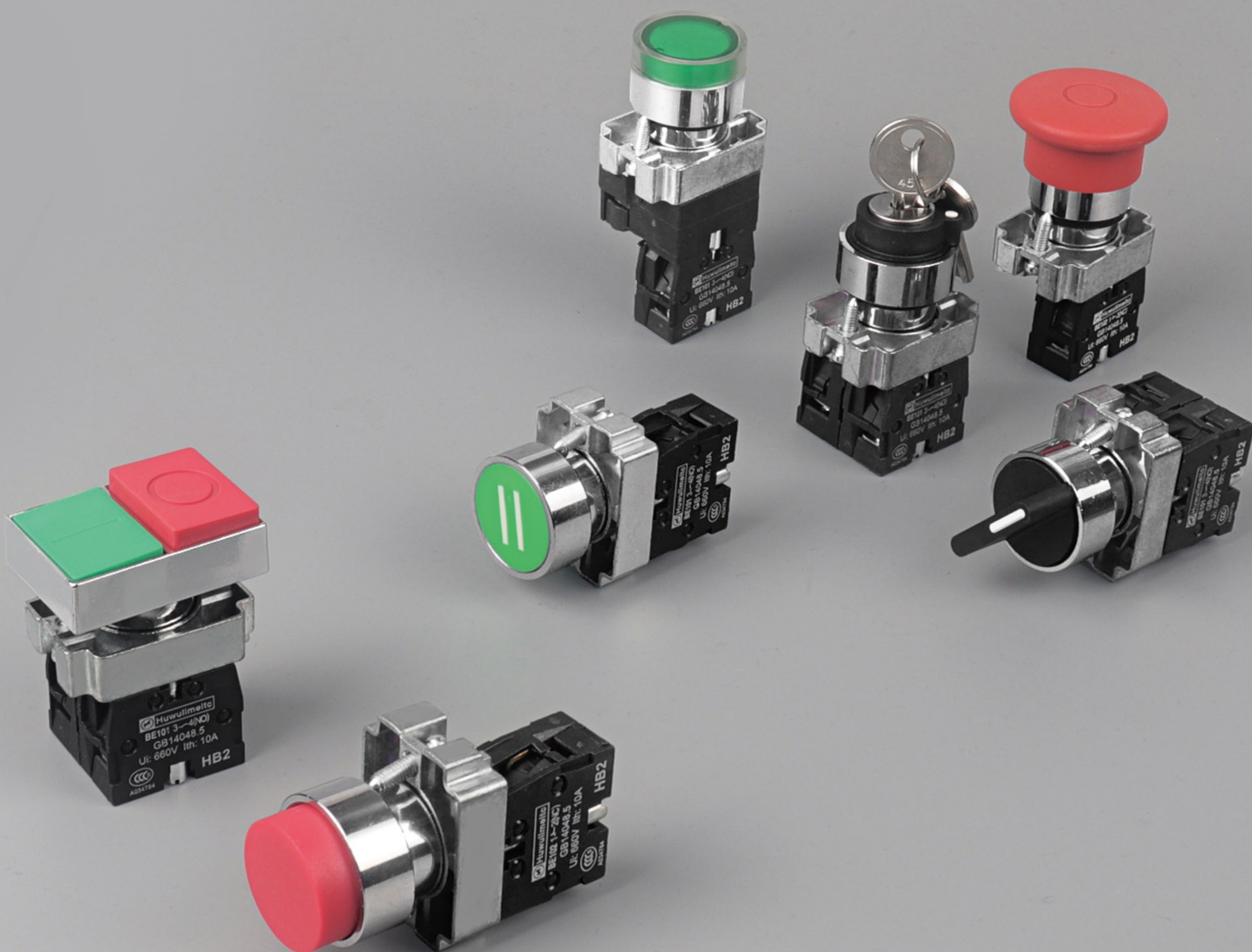
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	外壳：塑料 Shell: Plastic
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	平钮 Flush button spring return	HB38-30/11	● 白色 White ● 黑色 Black ● 红色 Red ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO+NC	
	平钮自锁 Flush button stay put	HB38-30/11Z			
	平钮带灯 Illuminated flush button 6-380V	HB38-30/11D	● 红色 Red ● 绿色 Green ● 黄色 Yellow	NO+NC	
	平钮自锁带灯 Illuminated button stay put 6-380V	HB38-30/11DZ			
	平钮 Flush button spring return	HB38-30/11S	● 白色 White ● 黑色 Black ● 红色 Red ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO+NC	
	平钮自锁 Flush button stay put	HB38-30/11ZS			
	平钮带灯 Illuminated flush button 6-380V	HB38-30/11DS	● 红色 Red ● 绿色 Green ● 黄色 Yellow	NO+NC	
	平钮自锁带灯 Illuminated button stay put 6-380V	HB38-30/11DZS			
	金属平钮带灯 Illuminated flush button 6-380V	HB38-K30/11DS	● 白色 White ● 红色 Red ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO+NC	
	金属平钮自锁带灯 Illuminated button stay put 6-380V	HB38-K30/11DZS			
	平钮 Flush button spring return	HB38-A11	● 白色 White ● 黑色 Black ● 红色 Red ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO+NC	
	平钮自锁 Flush button stay put	HB38-A11Z			
	二位钥匙 2-position selector key switch	HB38-A11X/2		NO+NC	
	三位钥匙 3-position selector key switch	HB38-A11X/3			
	二位钥匙 2-position selector key switch	HB38-A11Y/2		NO+NC	
	三位钥匙 3-position selector key switch	HB38-A11Y/3			

Button Switch

HB2系列金属按钮

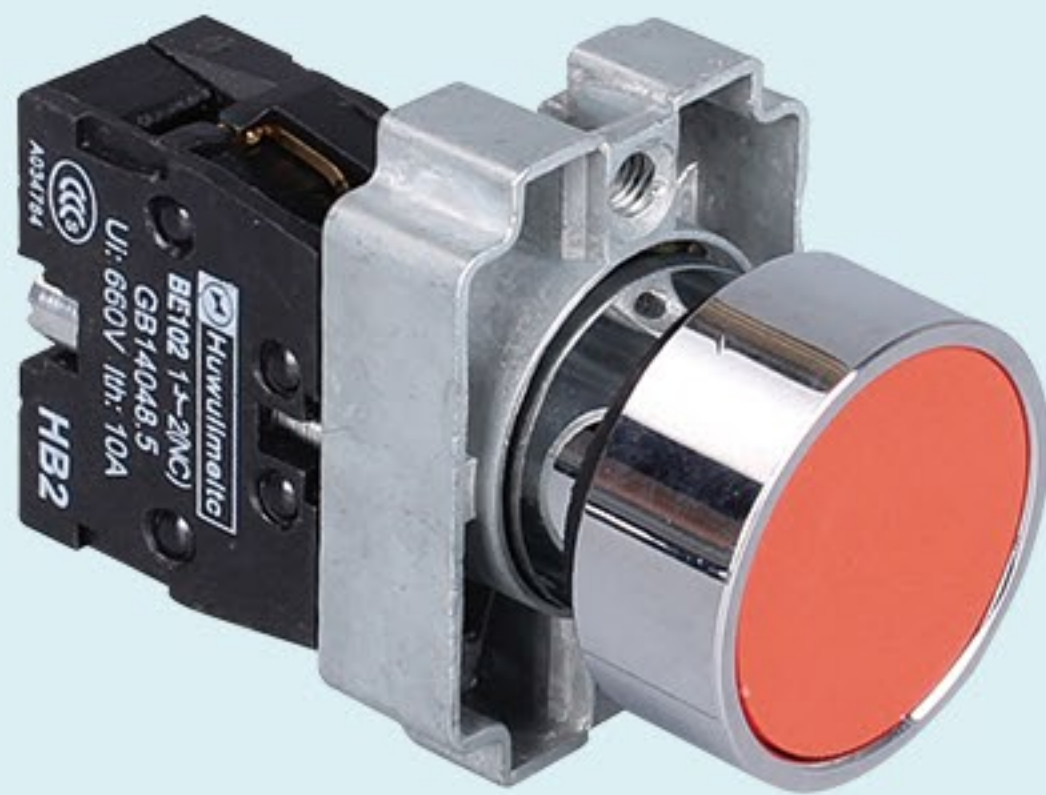
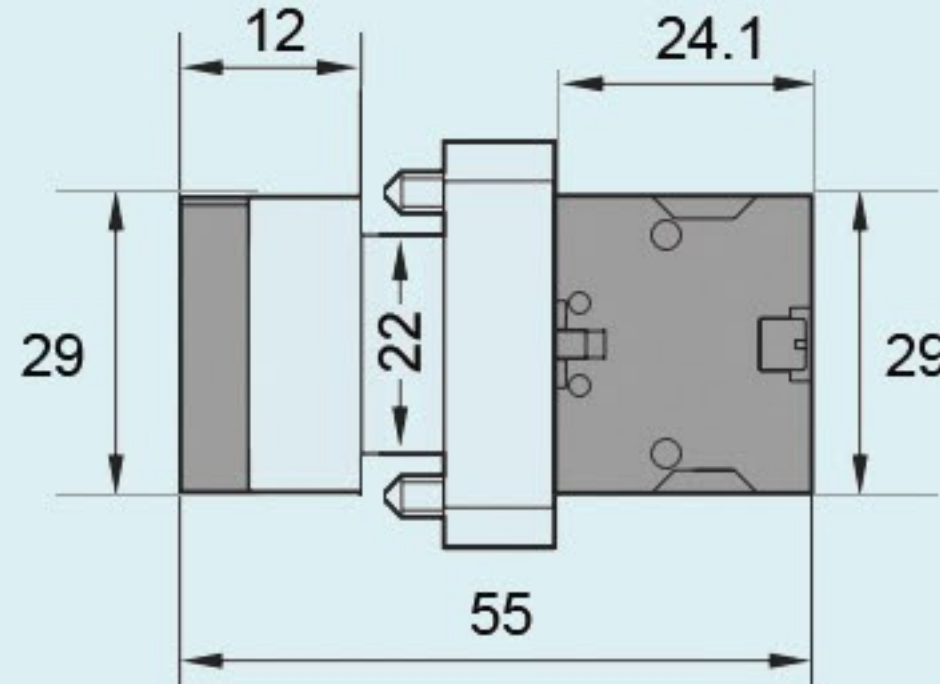
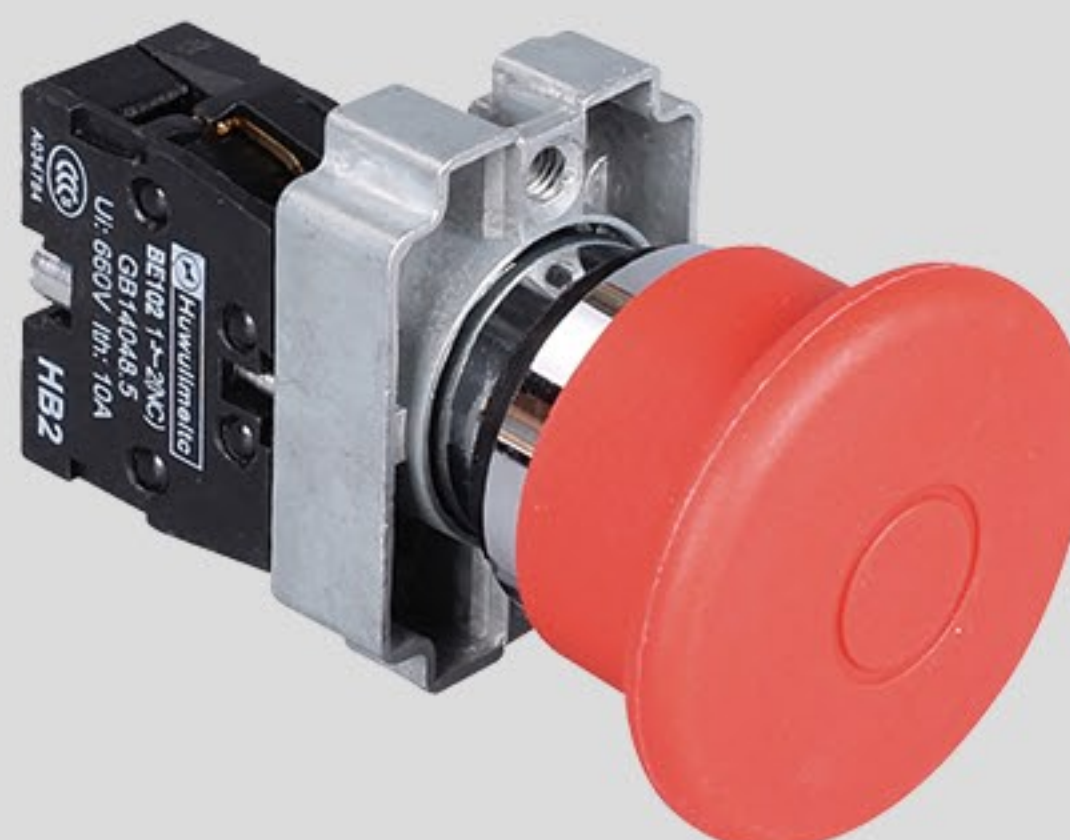
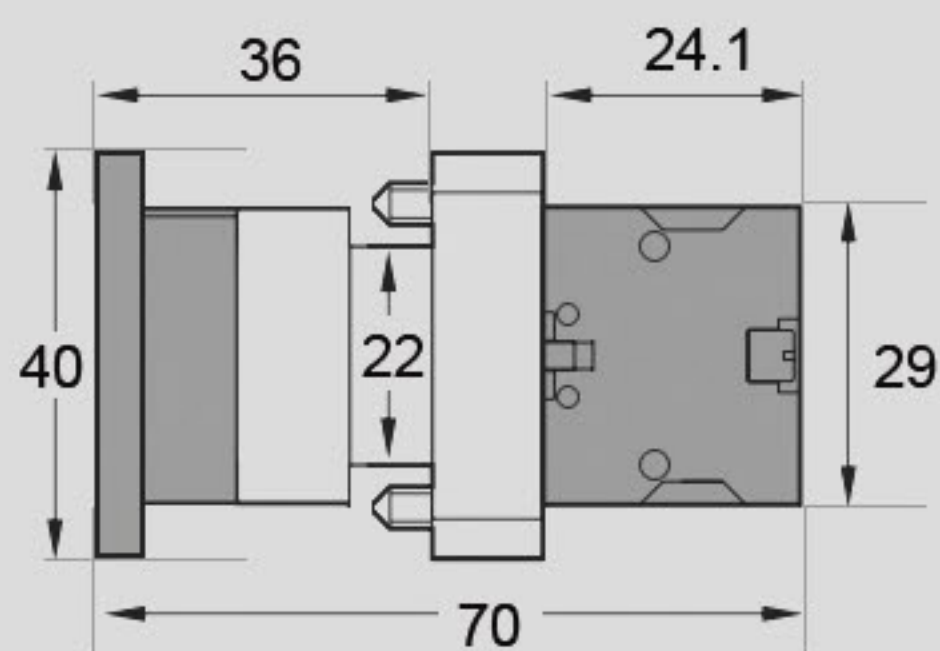
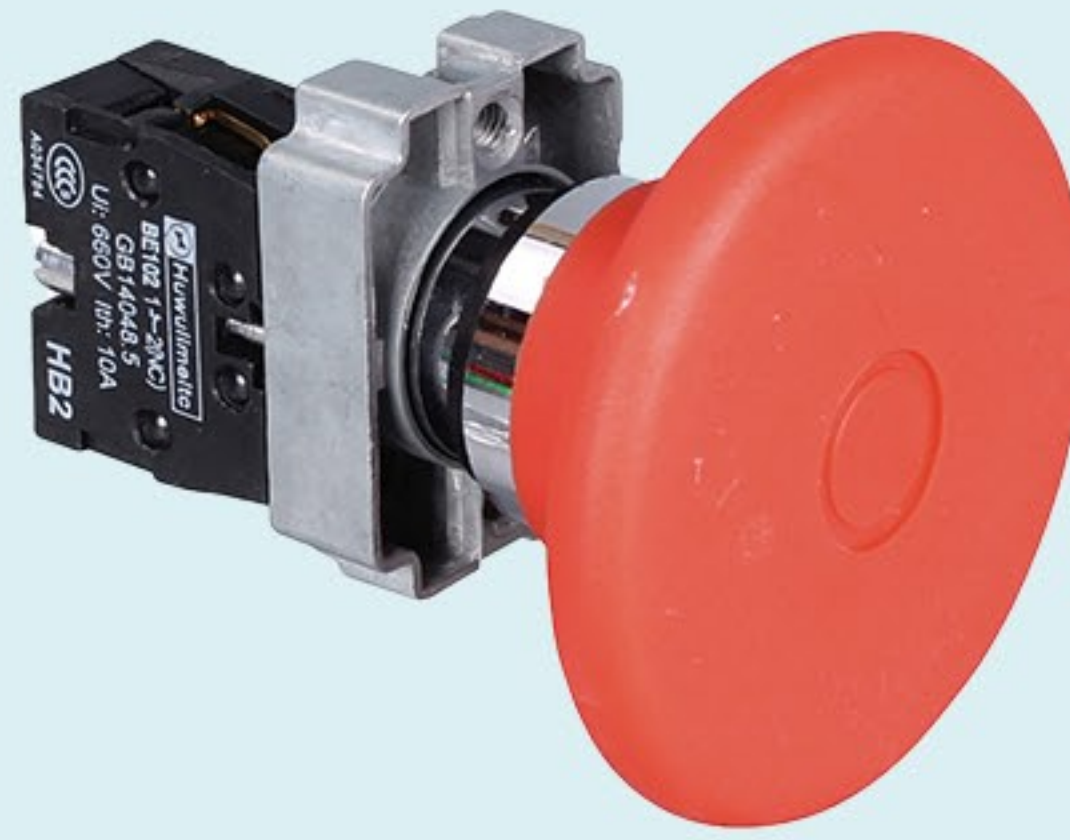
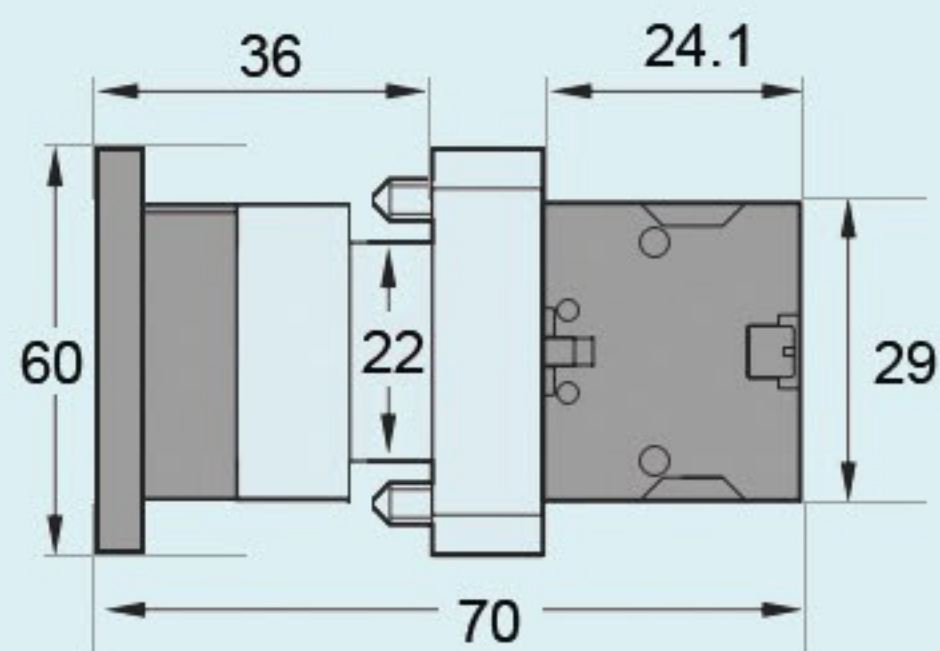
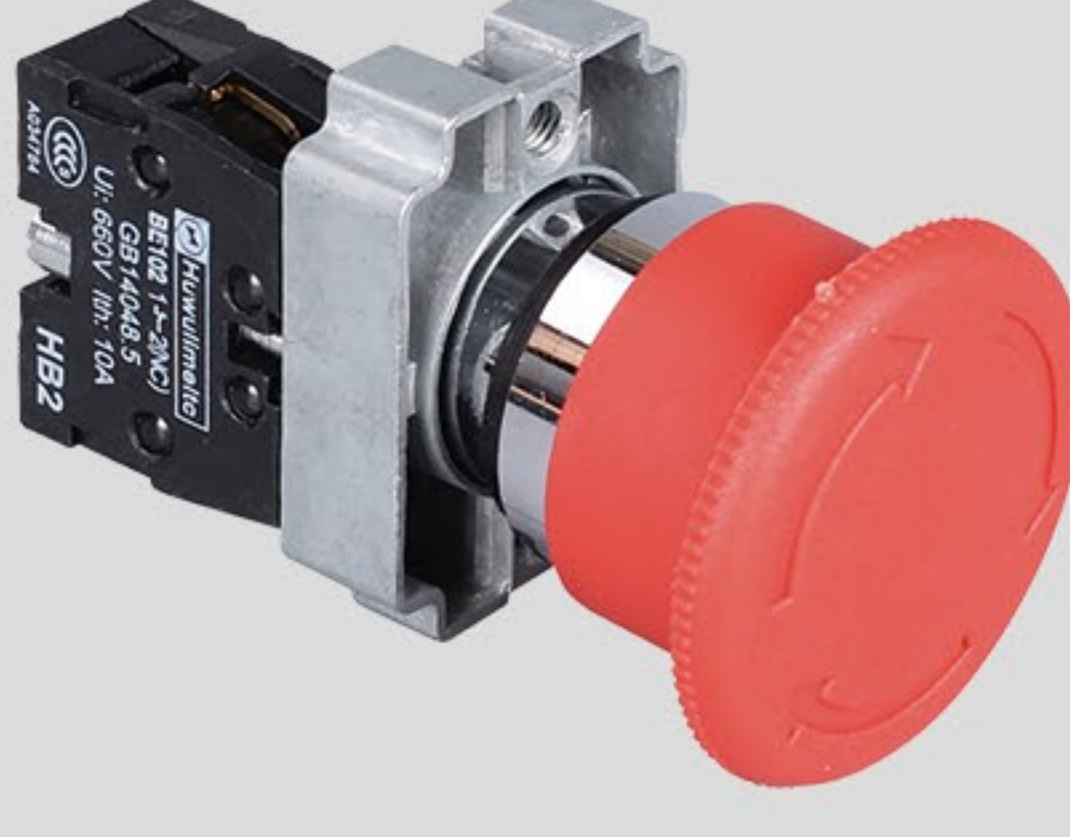
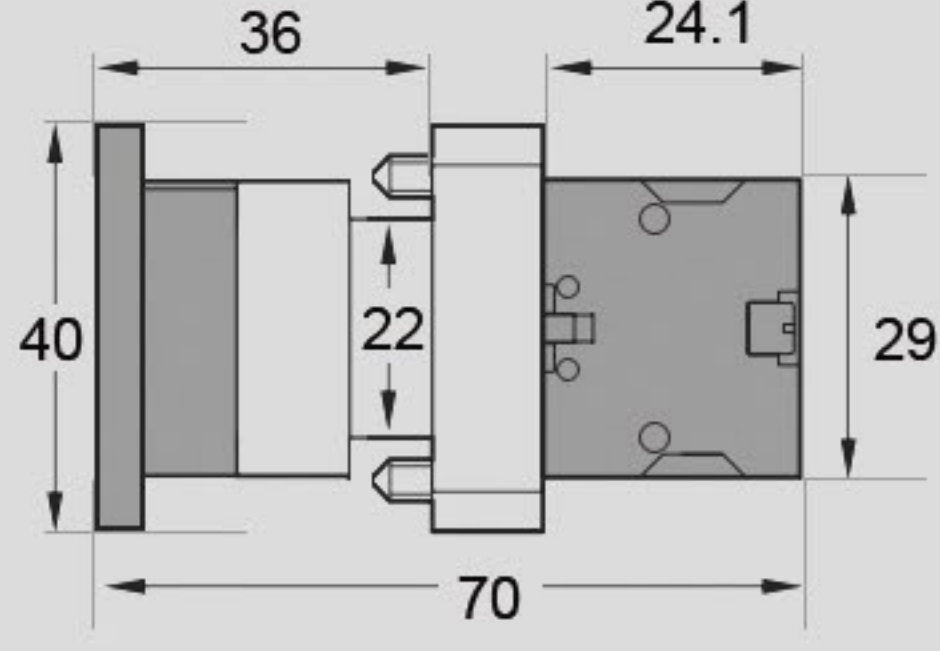
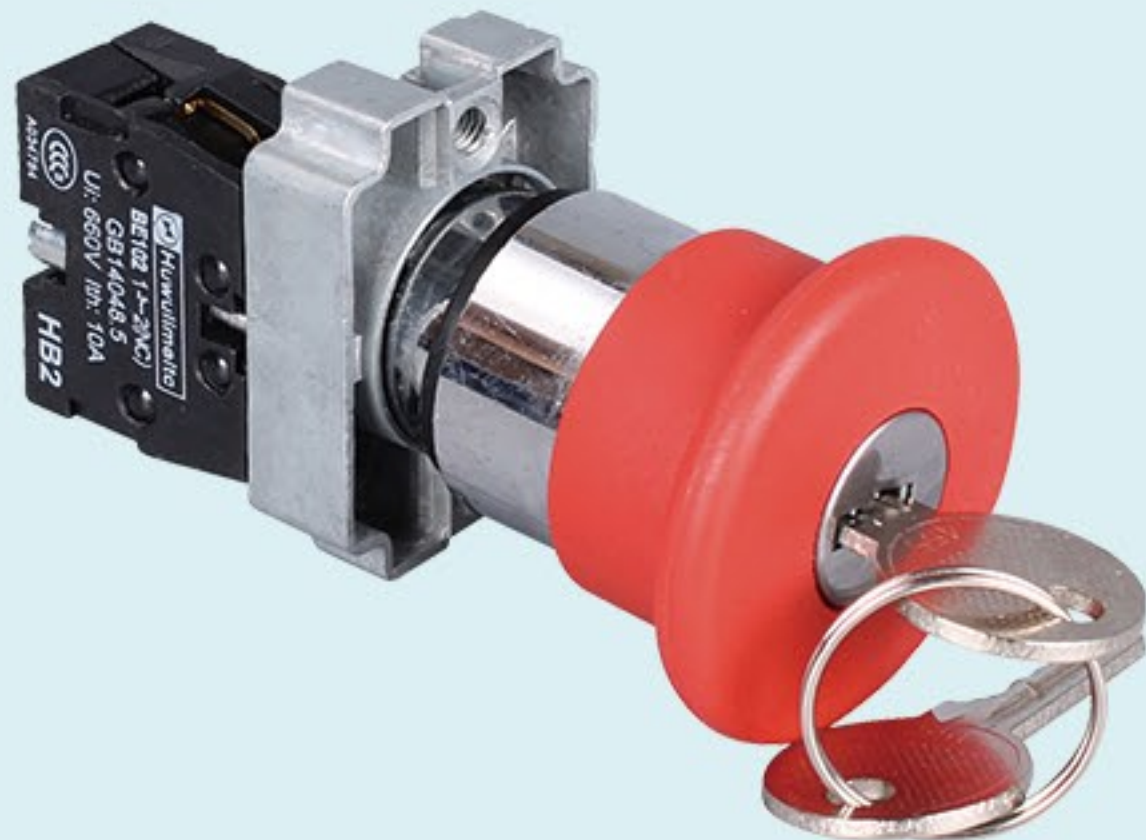
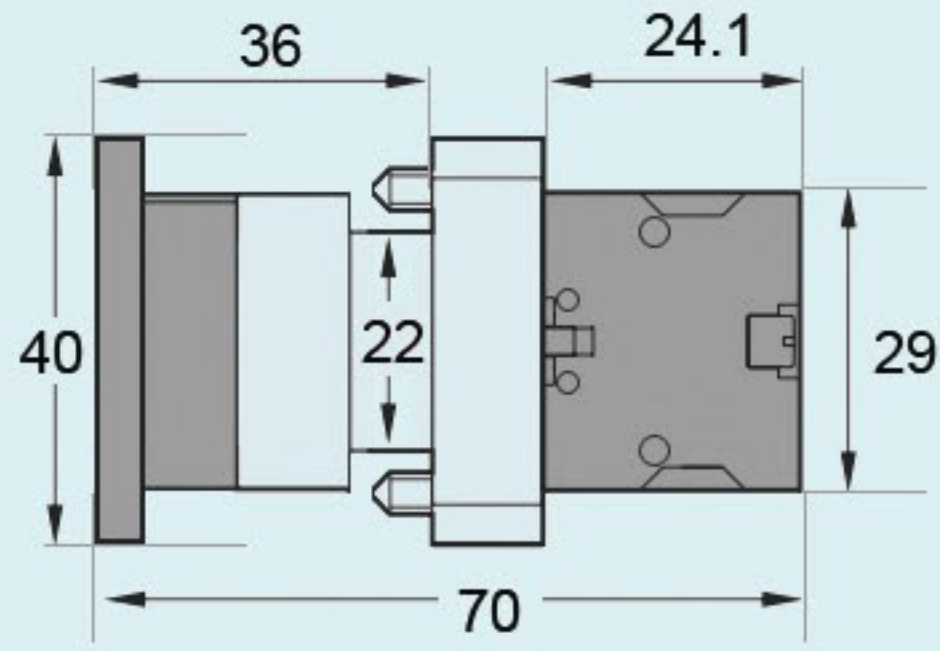
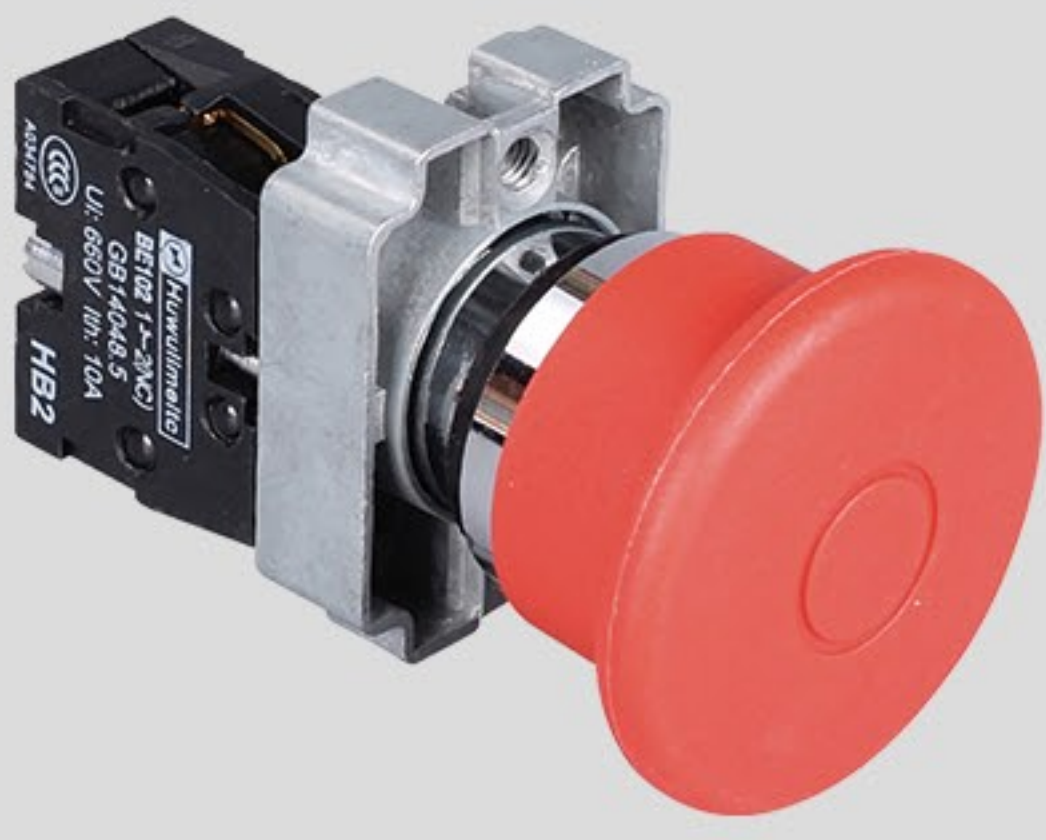
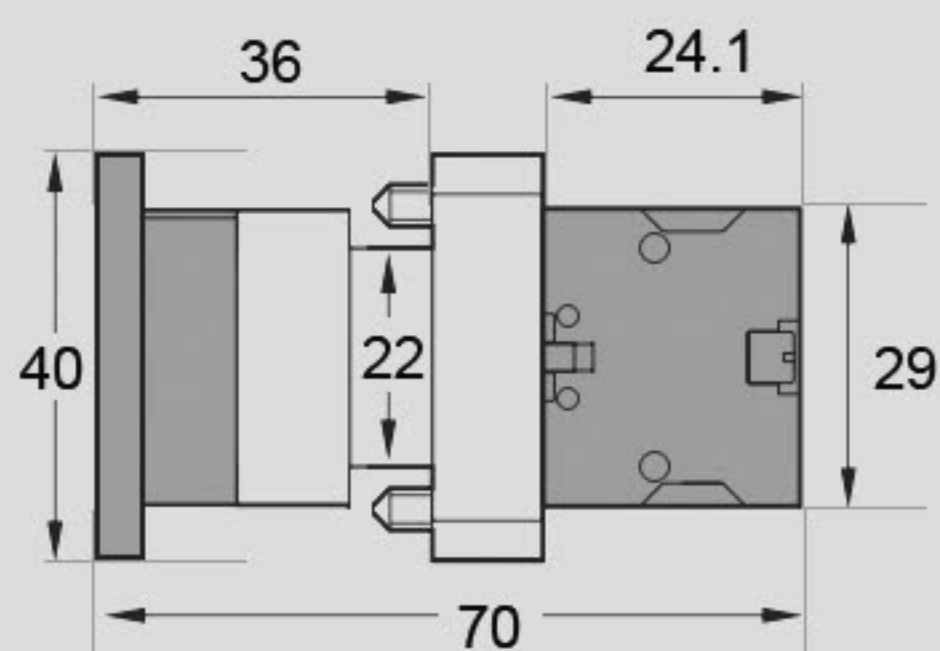
- 1. 安装孔尺寸: $\phi 22\text{mm}$
- 2. 开关额定值: $U_i: 440\text{V}, I_{th} 10\text{A}$
- 3. 机械寿命: ≥ 200 万次。
- 4. 电气寿命: ≥ 50 万次。



HB2 系列按钮开关

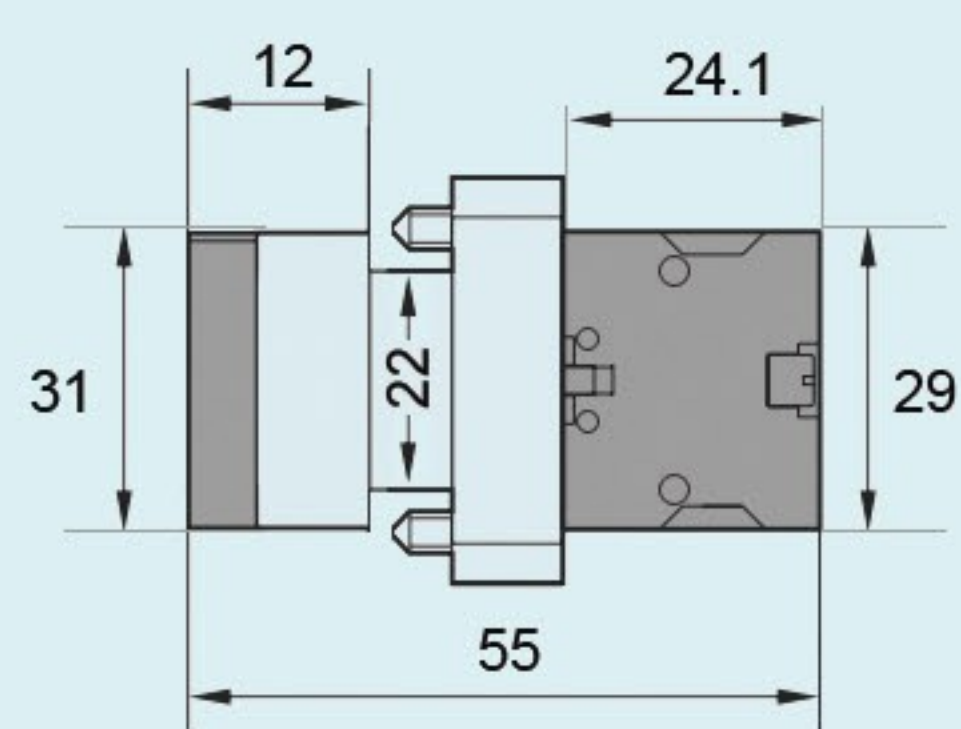
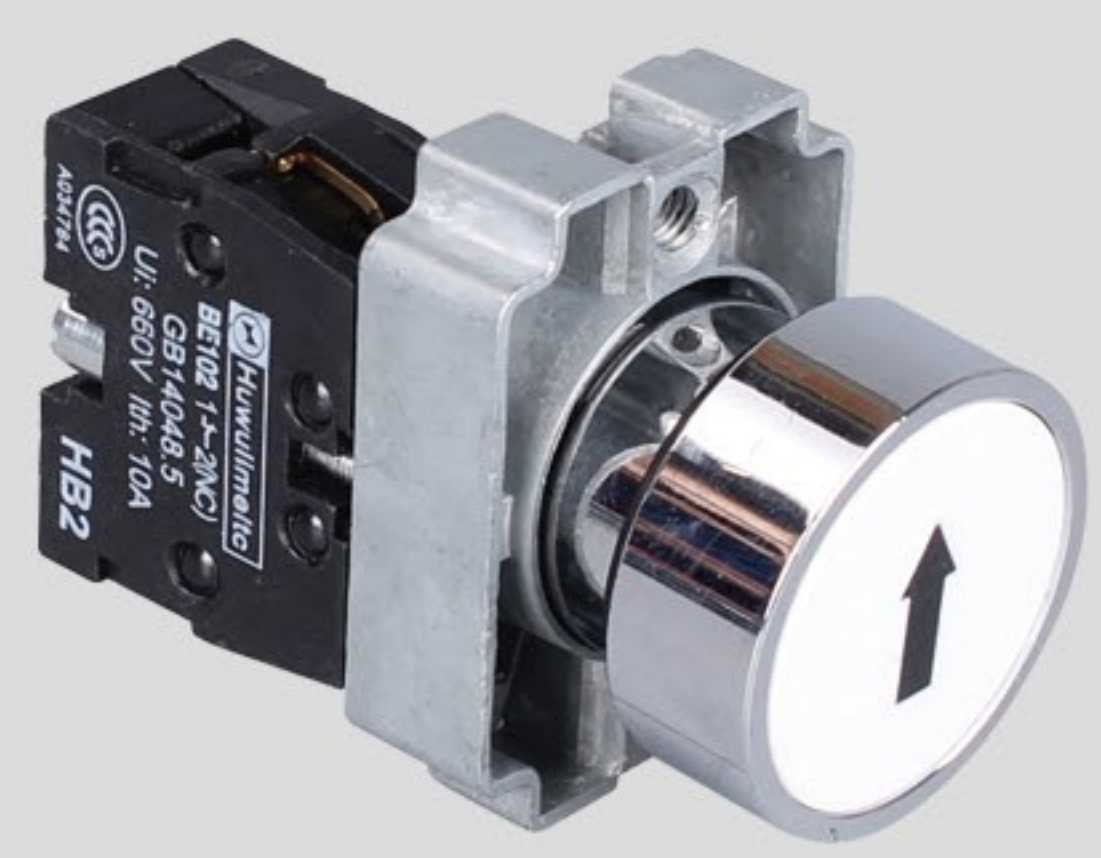
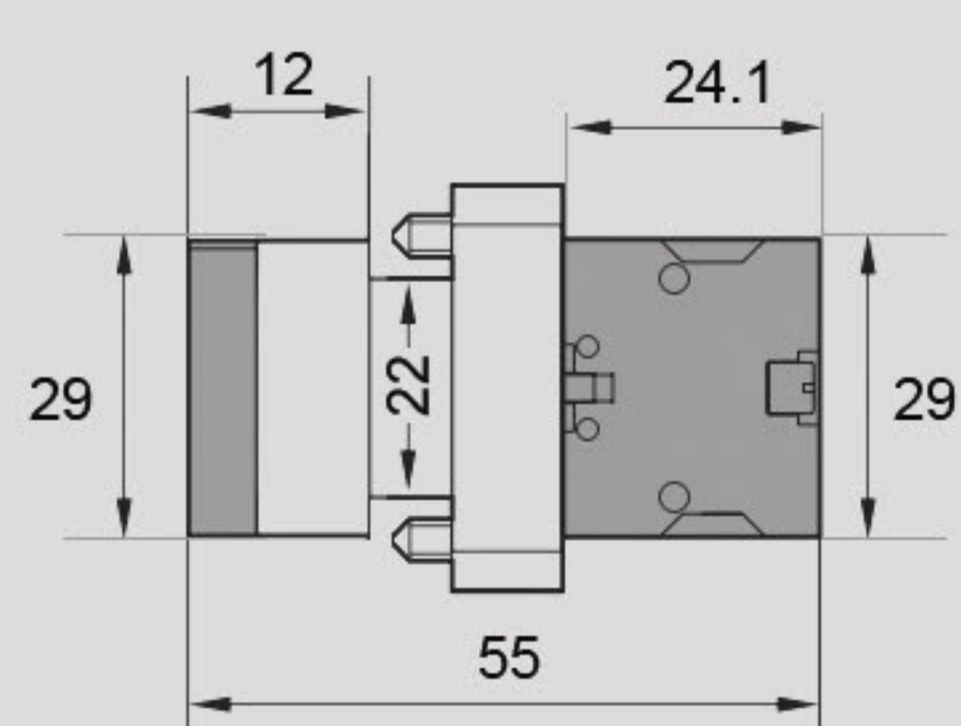
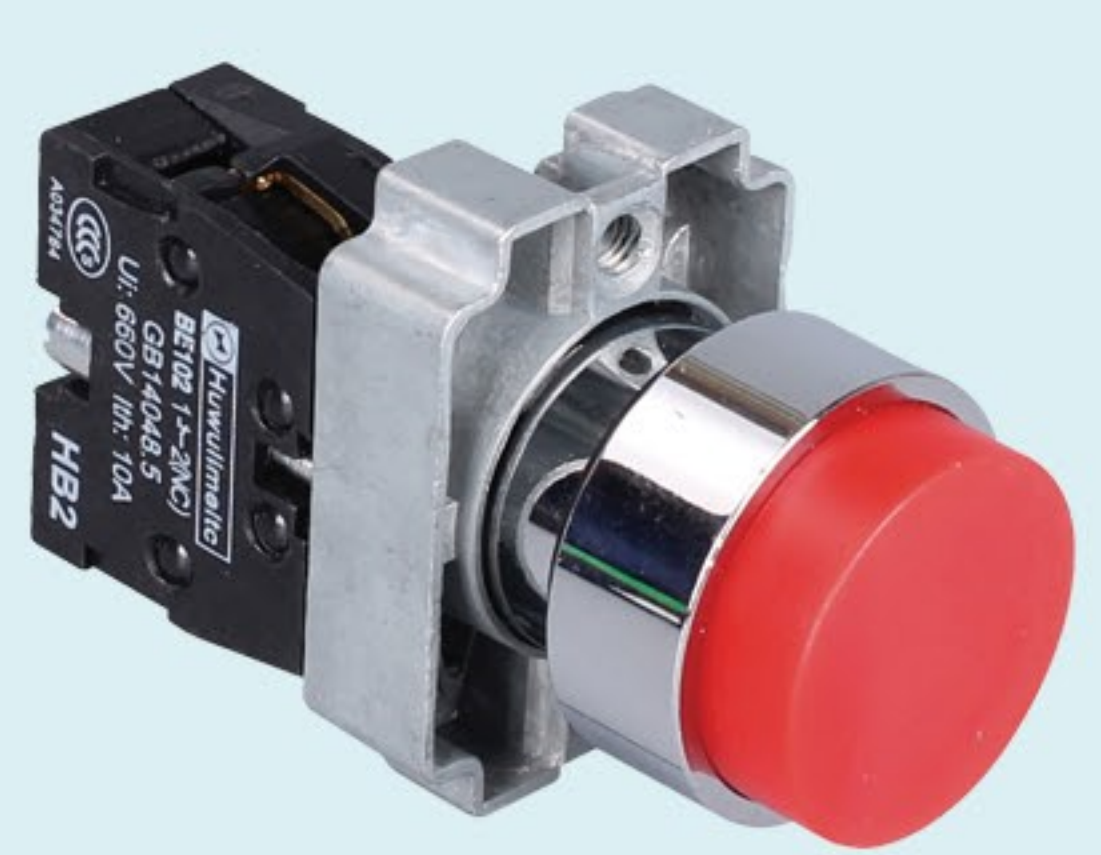
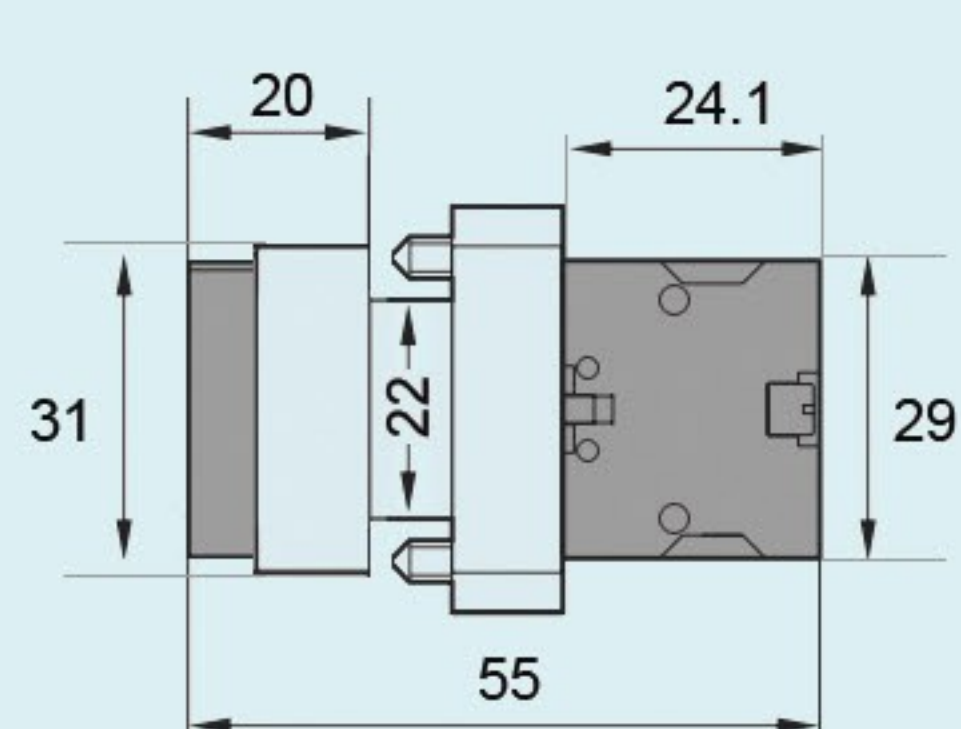
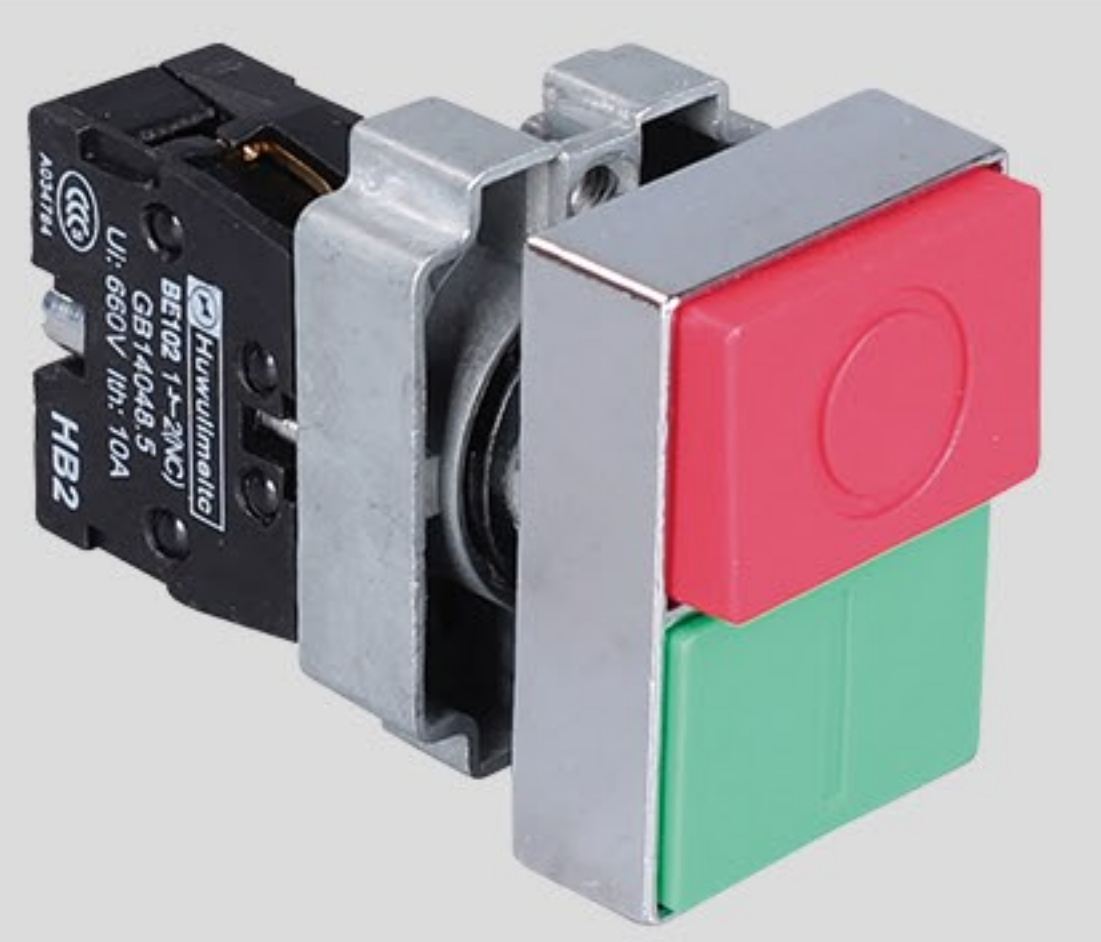
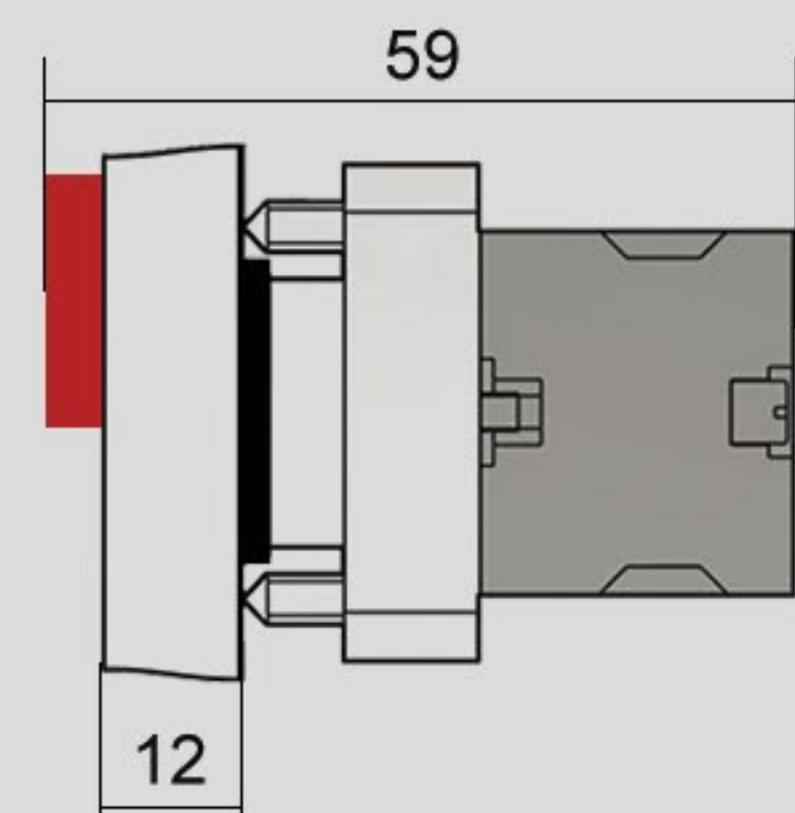
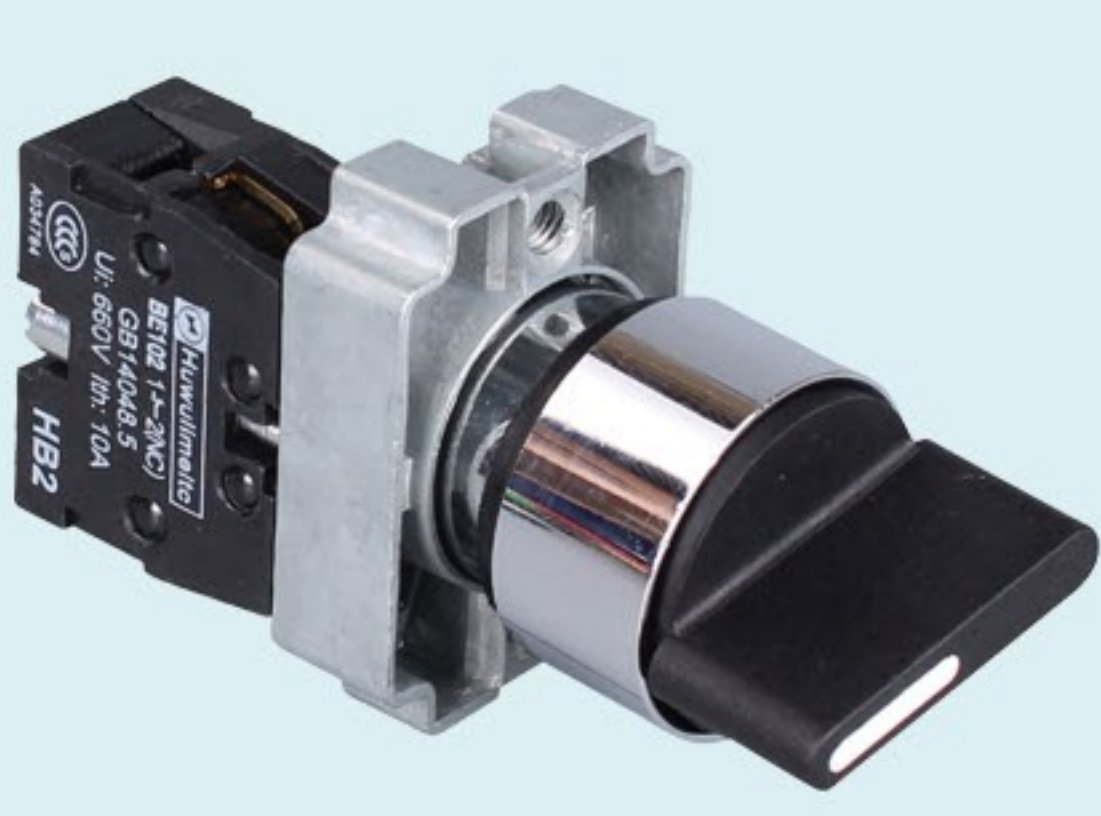
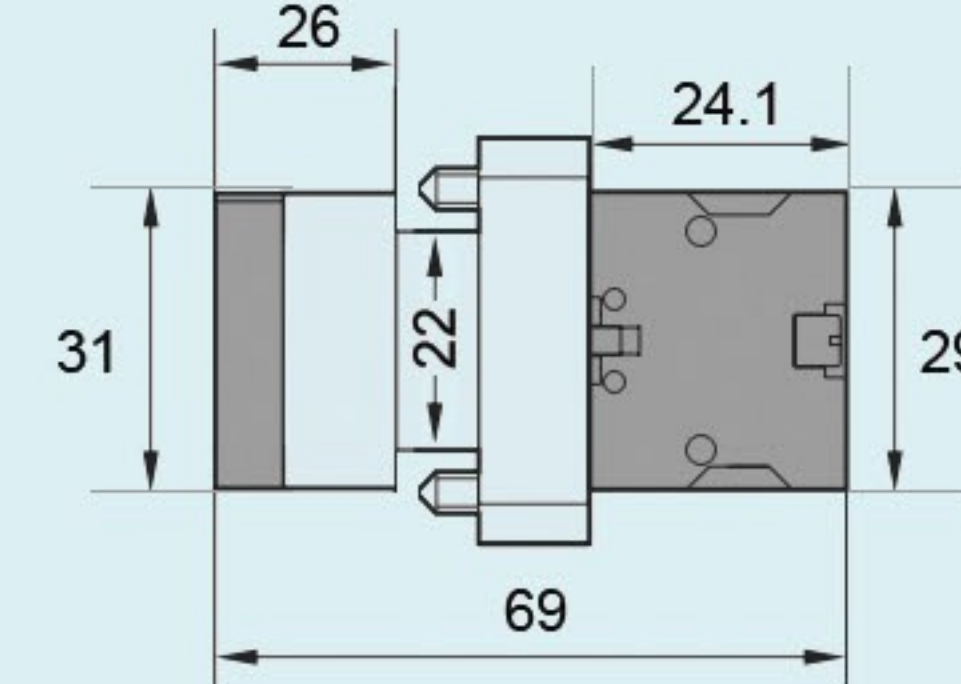
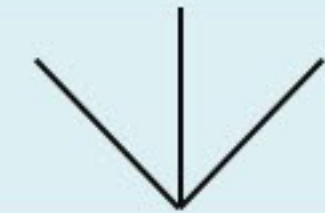
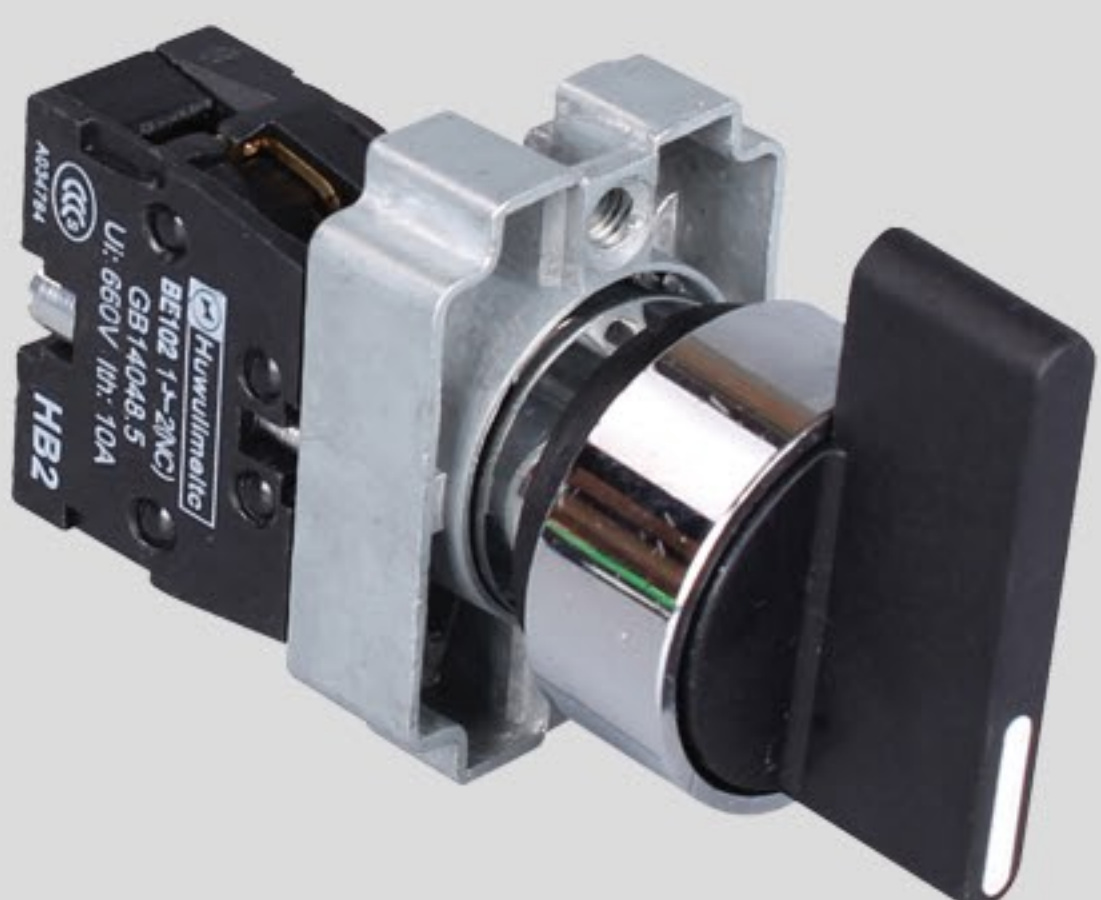
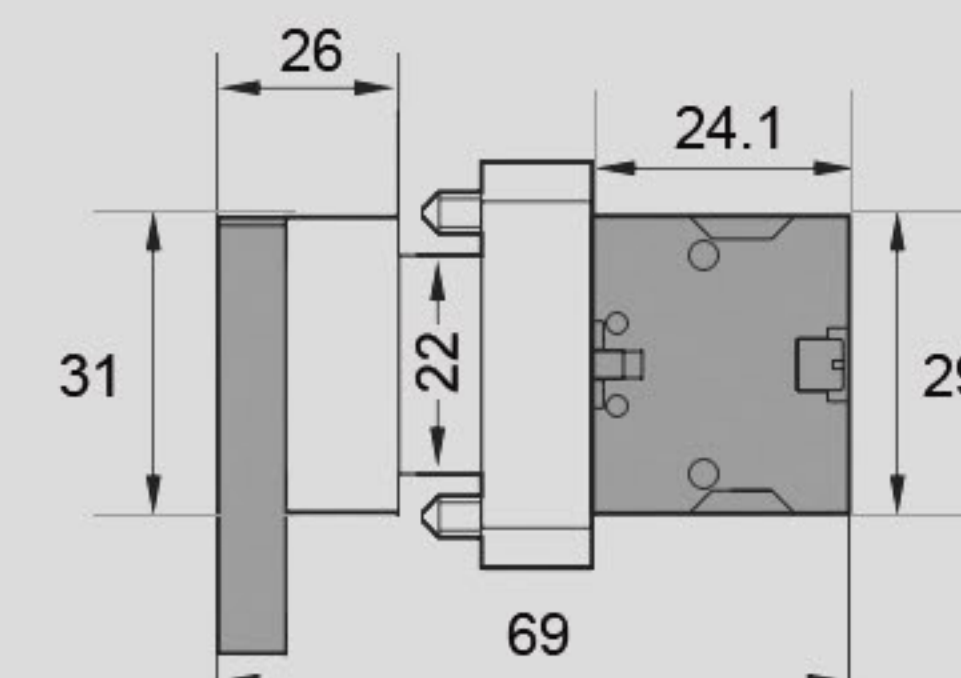
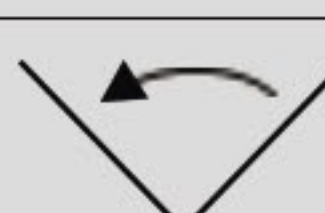
HB2 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	带灯电压 LED VOLTAGE 操作位置说明 Position	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V	外壳材料 COLOR 二位自锁 Two position maintained 二位自复 Two position momentary 三位自锁 Three position maintained 三位自复 Three position momentary	头部外壳：锌合金 / 触点外壳：塑料 Head shell: Kirsite / Contact shell: Plastic

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	平钮 Flush button Spring return	HB2-BA42	● 红色 Red	NC	
		HB2-BA11	● 白色 White	NO	
		HB2-BA21	● 黑色 Black		
		HB2-BA31	● 绿色 Green		
		HB2-BA51	● 黄色 Yellow		
		HB2-BA61	● 蓝色 Blue		
	蘑菇钮自复 Φ40 Mushroom head Spring return	HB2-BC42	● 红色 Red	NC	
		HB2-BC21	● 黑色 Black	NO	
		HB2-BC31	● 绿色 Green		
		HB2-BC51	● 黄色 Yellow		
	蘑菇钮自复 Φ60 Mushroom head Spring return	HB2-BR42	● 红色 Red	NC	
		HB2-BR21	● 黑色 Black	NO	
		HB2-BR31	● 绿色 Green		
		HB2-BR51	● 黄色 Yellow		
	蘑菇钮自锁 Mushroom head Turn to release	HB2-BS442 Φ30 HB2-BS442 Φ40 HB2-BS442 Φ60	● 红色 Red	NC	
	蘑菇钮钥匙自锁 Mushroom head with key release	HB2-BS142 Φ40 HB2-BS242 Φ60	● 红色 Red	NC	
	推拉式 Mushroom head push-pull	HB2-BT42 Φ40 HB2-BX42 Φ60	● 红色 Red	NC	

HB2 系列 按钮 开关 HB2 Button Switch

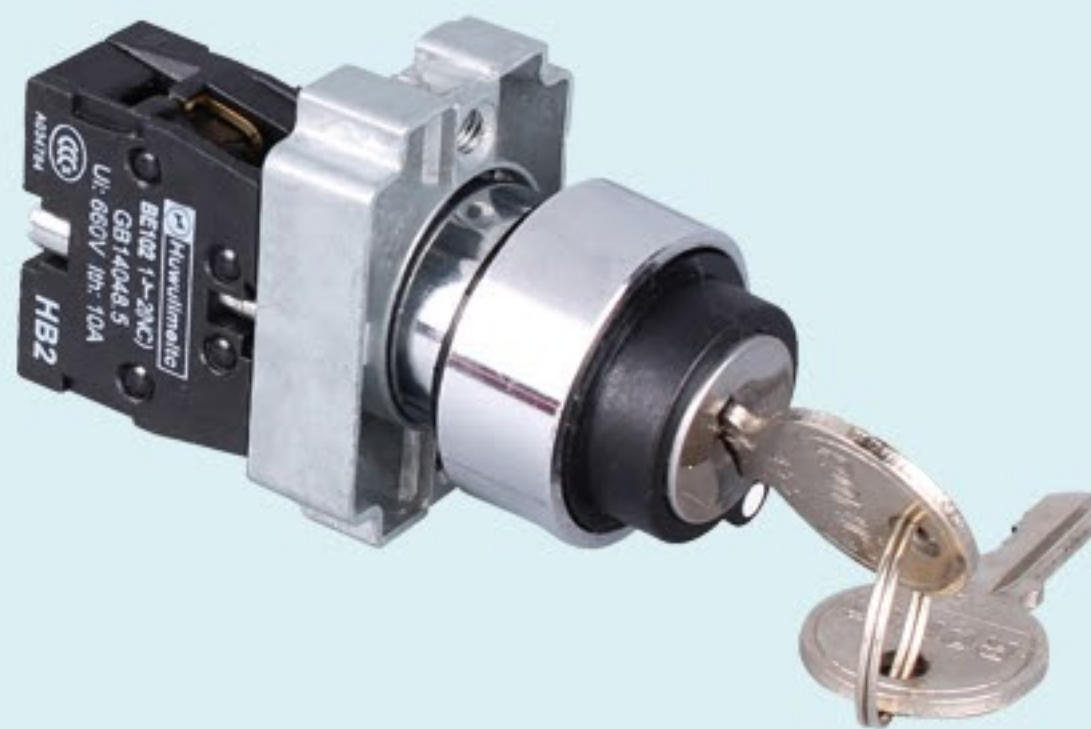
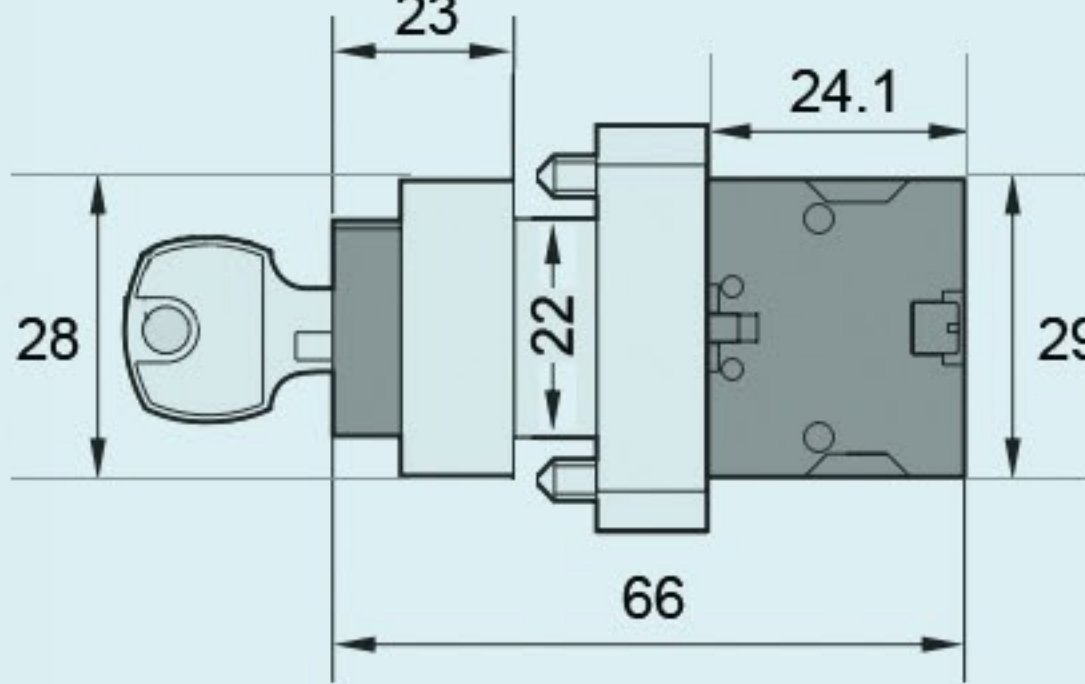
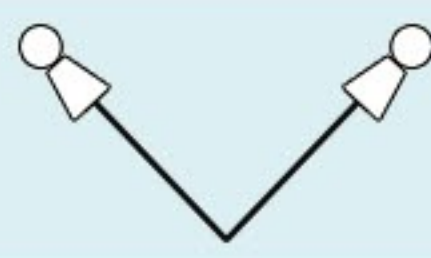
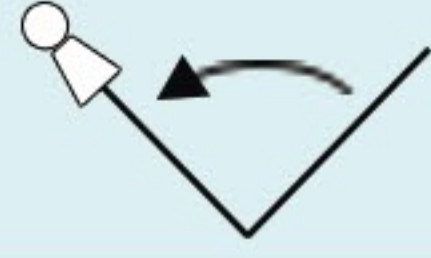
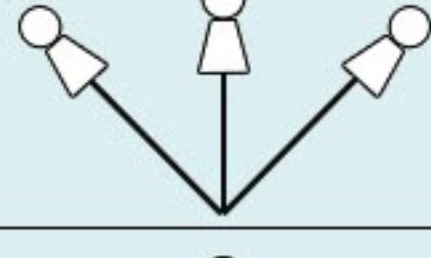
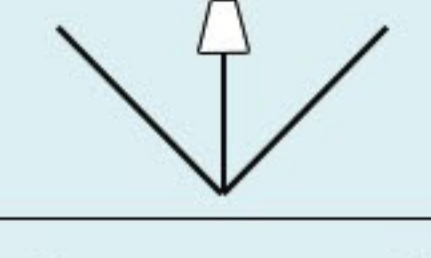
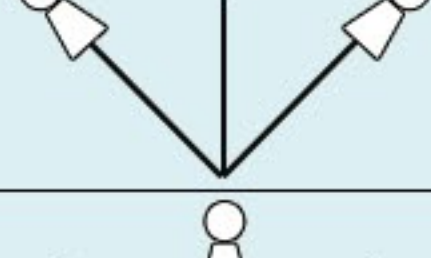
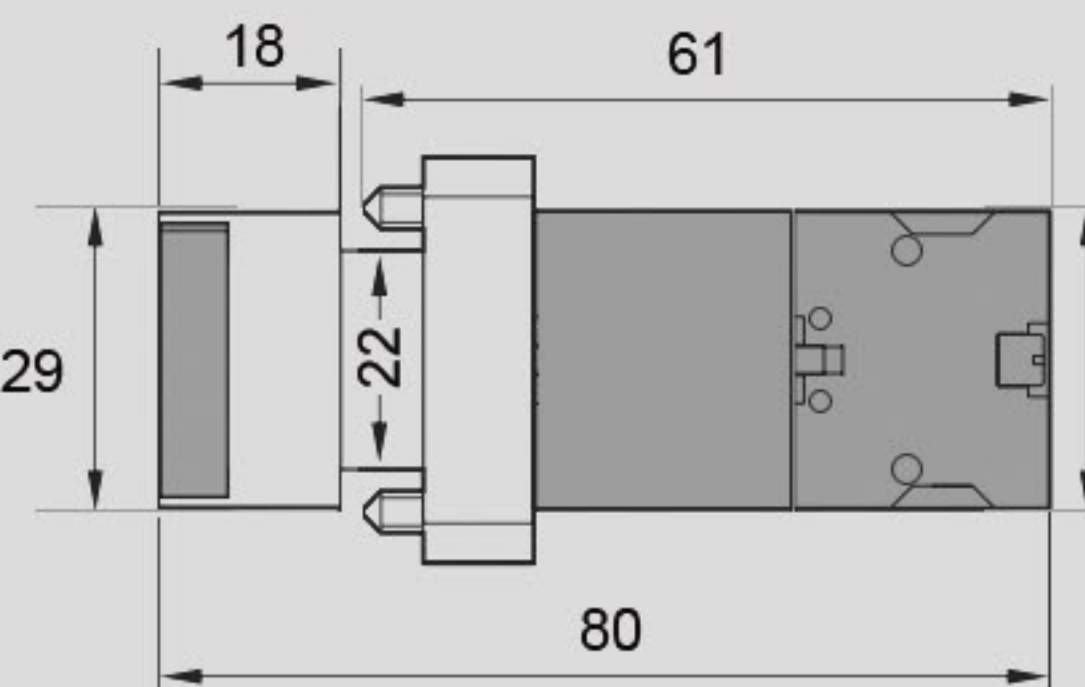
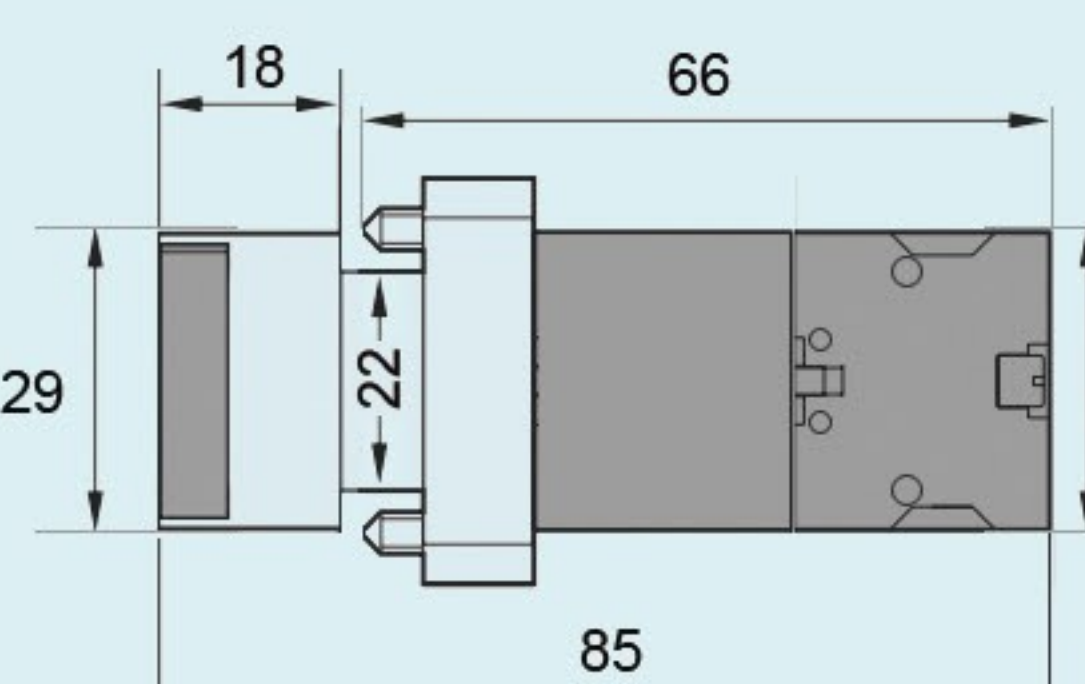
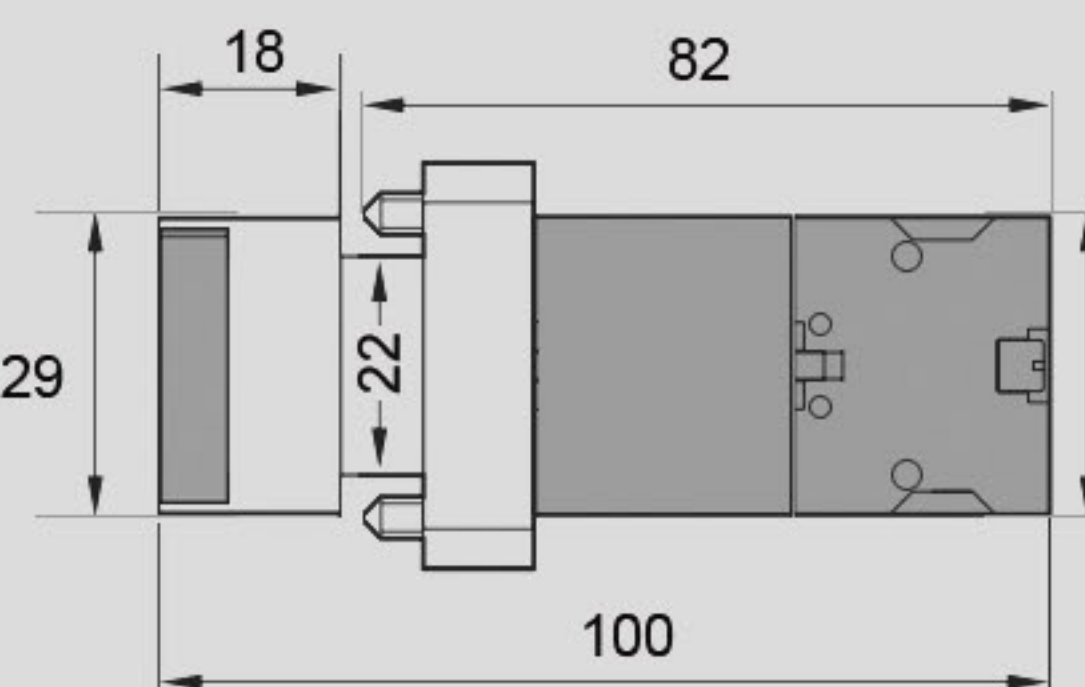
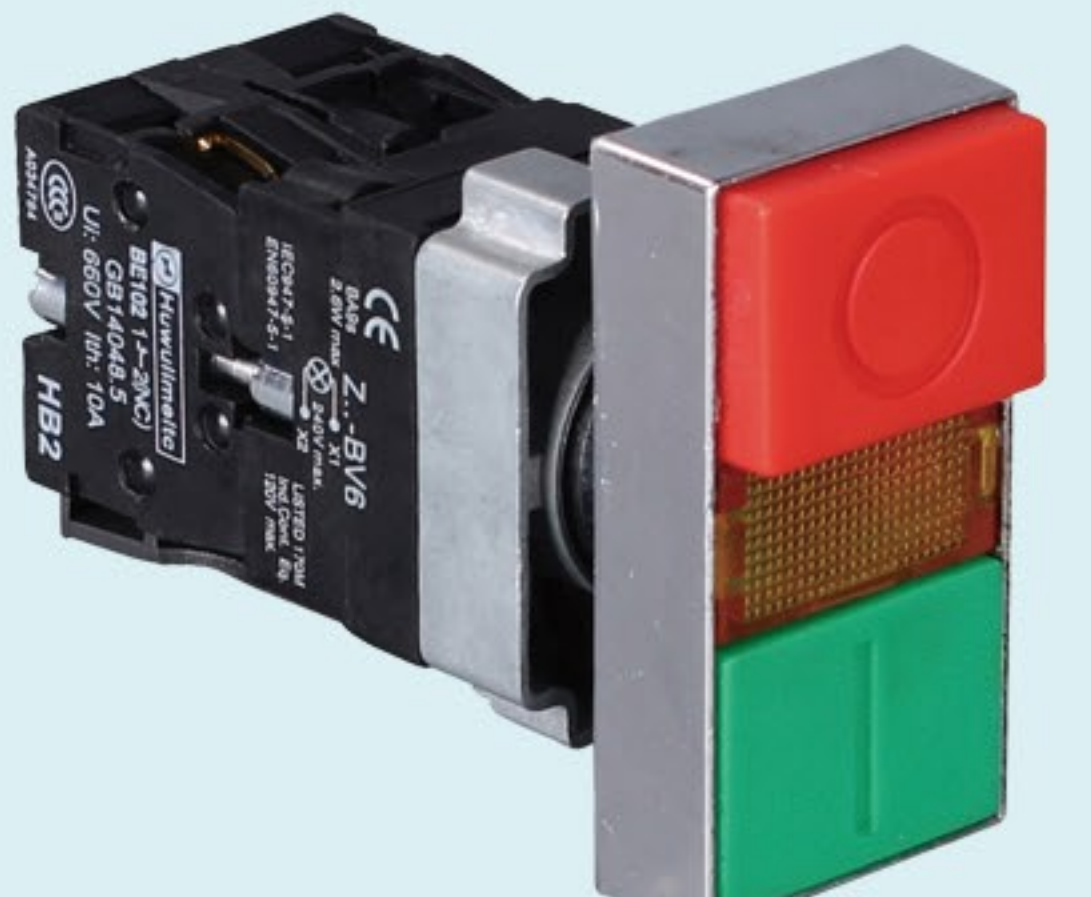
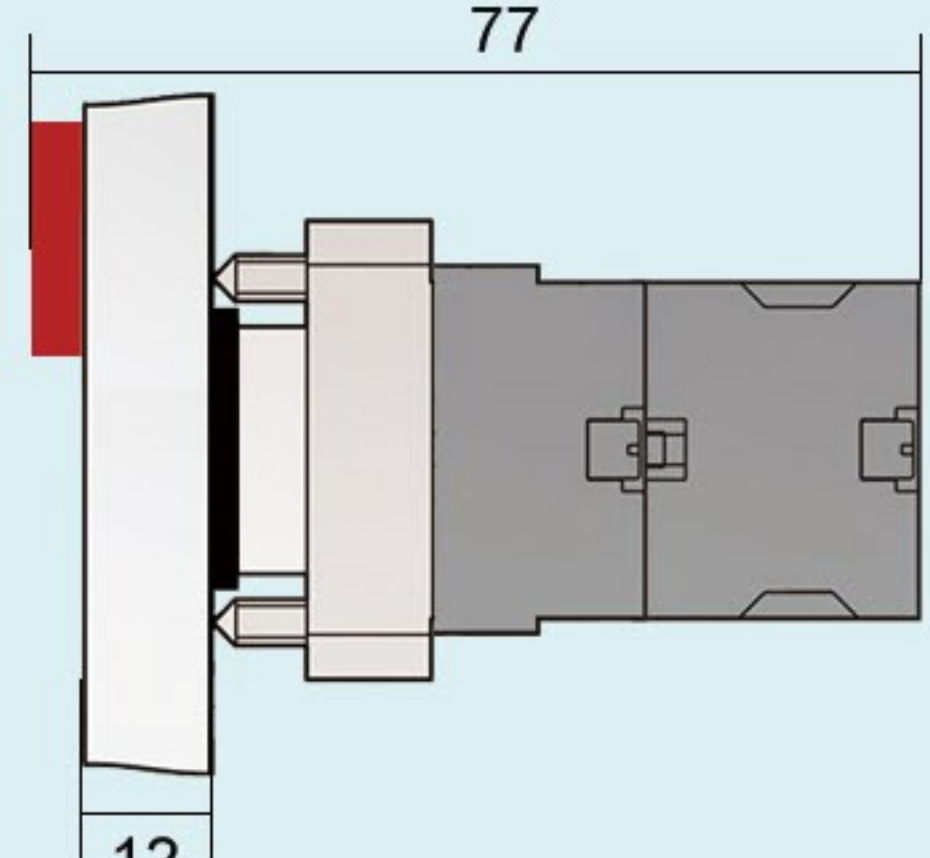
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳：锌合金 / 触点外壳：塑料 Head shell: Kirsite / Contact shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	防水式 Flush button with waterproof cover	HB2-BP42	● 红色 Red	NC	
		HB2-BP11	○ 白色 White	NO	
		HB2-BP21	● 黑色 Black		
		HB2-BP31	● 绿色 Green		
		HB2-BP51	● 黄色 Yellow		
		HB2-BP61	● 蓝色 Blue		
	带标记 Flush button Spring return with mark	HB2-BA4322	○ 红色 O	NC	
		HB2-BA4342	● 红色 STOP	NO	
		HB2-BA3311	● 绿色 I		
		HB2-BA3341	○ 白色 ↑		
		HB2-BA3351	● 黑色 ↓		
		HB2-BA3331	● 绿色 START		
	高钮 Raised button Spring return	HB2-BL42	● 红色 Red	NC	
		HB2-BL11	○ 白色 White	NO	
		HB2-BL21	● 黑色 Black		
		HB2-BL31	● 绿色 Green		
		HB2-BL51	● 黄色 Yellow		
		HB2-BL61	● 蓝色 Blue		
	双钮 Double headed button spring return	HB2-BL8325		NO+NC	
		HB2-BL8425		NO+NC	
	二位锁定 2-position stay put	HB2-BD21		NO	
		HB2-BD25		NO+NC	
	二位自复 2-position reset	HB2-BD41		NO	
		HB2-BD45		NO+NC	
	三位锁定 3-position stay put	HB2-BD33		2NO	
	三位自复 3-position reset	HB2-BD53		2NO	
	二位锁定 2-position stay put	HB2-BJ21		NO	
		HB2-BJ25		NO+NC	
	二位自复 2-position reset	HB2-BJ41		NO	
		HB2-BJ45		NO+NC	
	三位锁定 3-position stay put	HB2-BJ33		2NO	
	三位自复 3-position reset	HB2-BJ53		2NO	

HB2 系列 按钮 开关

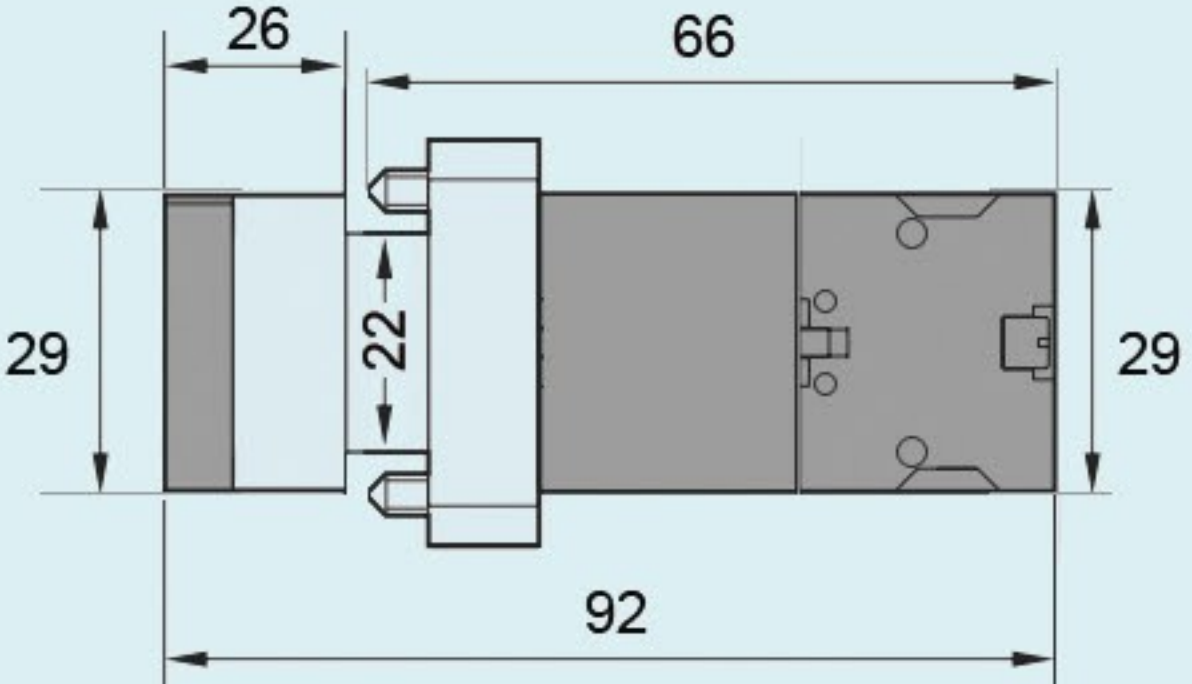
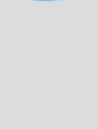
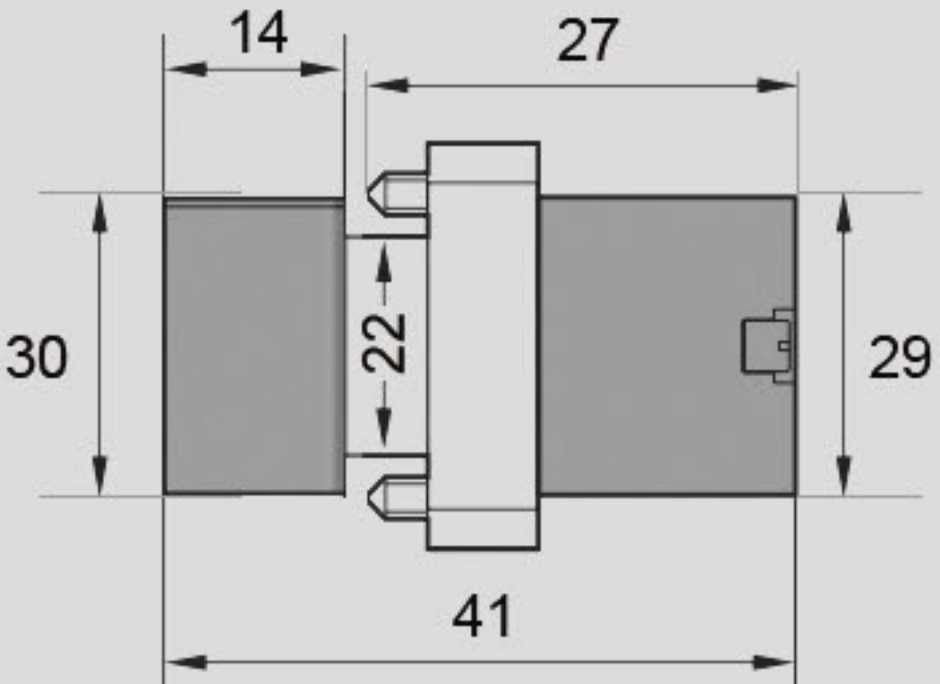
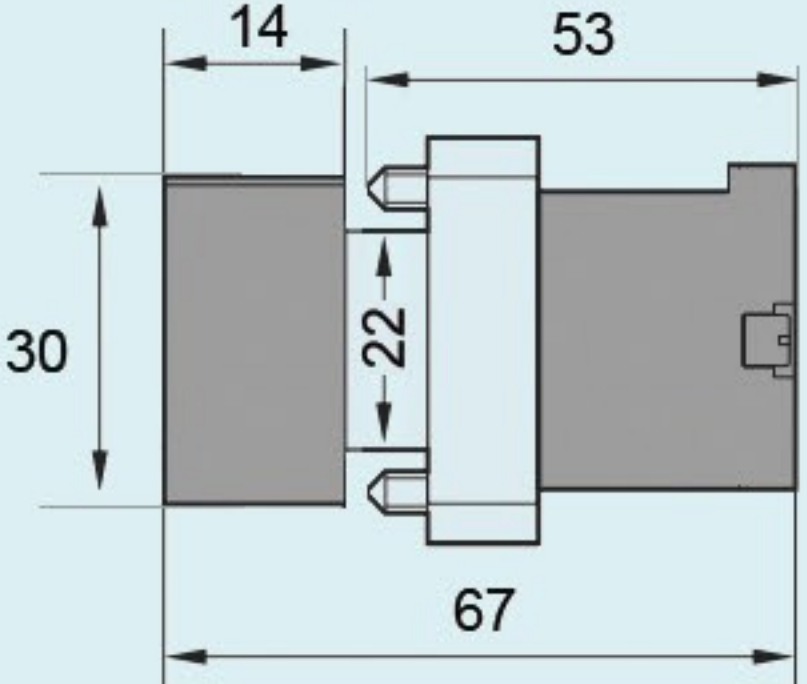
HB2 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳： 锌合金 / 触点外壳： 塑料 Head shell: Kirsite / Contact shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

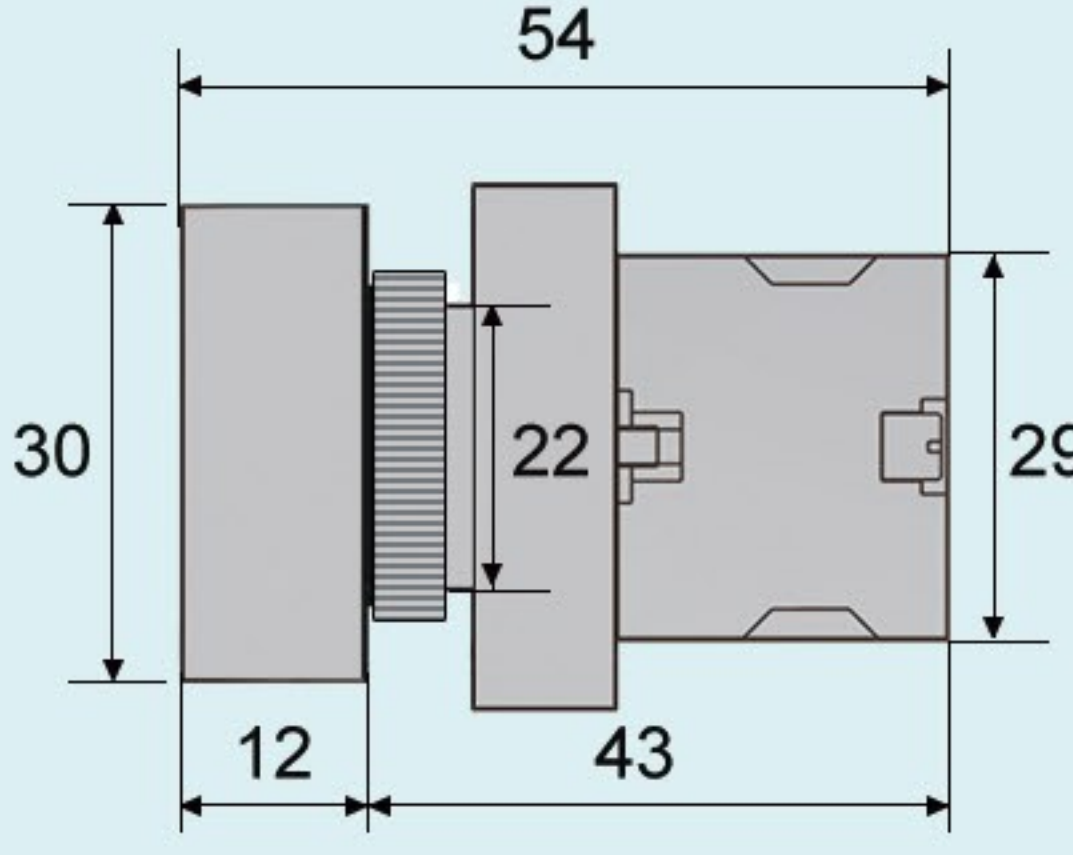
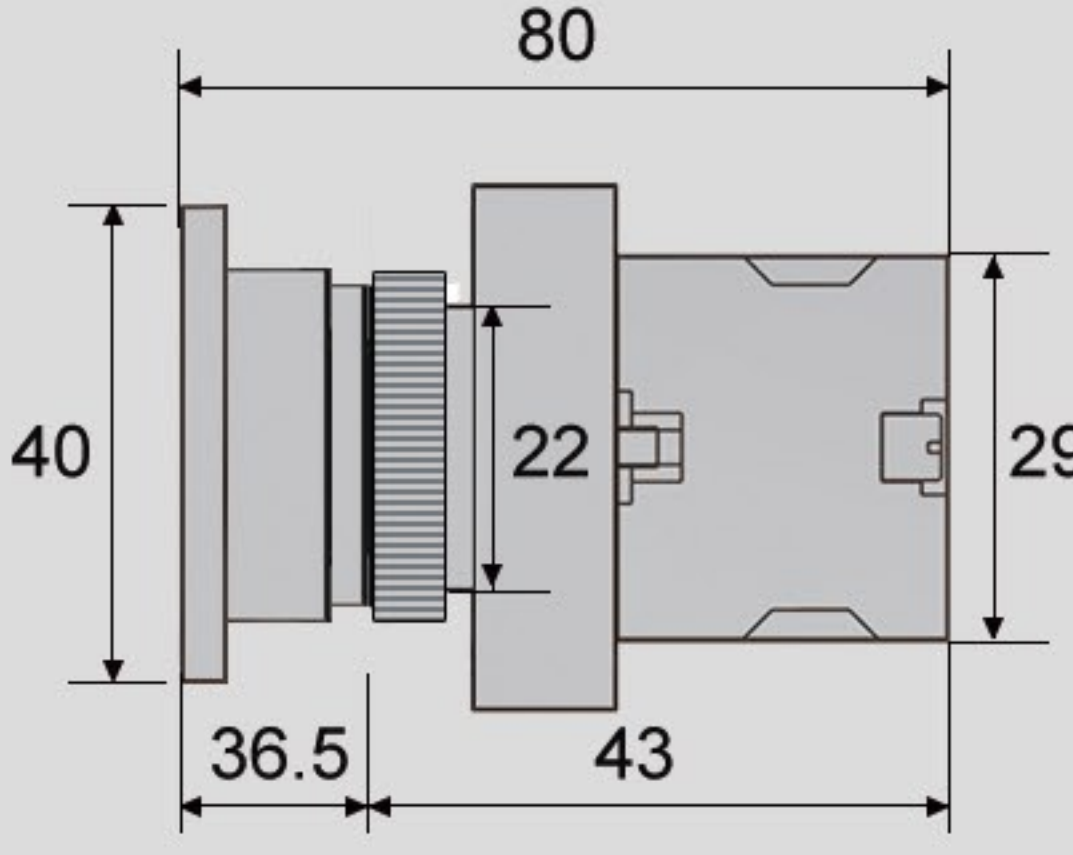
外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione	
	二位钥匙锁定 2-position with key stay put	HB2-BG21		NO		
		HB2-BG25		NO+NC		
		HB2-BG41		NO		
		HB2-BG45		NO+NC		
	二位钥匙自复 2-position with key reset	HB2-BG61		NO		
		HB2-BG65		NO+NC		
	三位钥匙锁定 3-position with key stay put	HB2-BG03		2NO		
		HB2-BG33		2NO		
		HB2-BG53		2NO		
	三位钥匙自复 3-position with key reset	HB2-BG73		2NO		
	直接式带灯 Illuminated button directness with Neon or LED 6-380V	HB2-BW3462	 红色 Red	NC		
		HB2-BW3361	 绿色 Green  黄色 Yellow  蓝色 Blue	NO		
		HB2-BW3561				
		HB2-BW3661				
	电阻式带灯 Illuminated button resistance with Neon or LED 220V	HB2-BW3472	 红色 Red	NC		
		HB2-BW3371	 绿色 Green  黄色 Yellow  蓝色 Blue	NO		
		HB2-BW3571				
		HB2-BW3671				
	变压器式带灯 Illuminated button transformer with Neon or LED 220V	HB2-BW3442	 红色 Red	NC		
		HB2-BW3341	 绿色 Green  黄色 Yellow  蓝色 Blue	NO		
		HB2-BW3541				
		HB2-BW3641				
	双钮直接式带灯 Illuminated button-headed button with Neon or LED 6-380V	HB2-BW8365		NO+NC		
		HB2-BW8465				

HB2 系列 按钮 开关 HB2 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳：锌合金 / 触点外壳：塑料 Head shell: Kirsite / Contact shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	二位旋钮带灯 Illuminated 2-position stay put button with Neon or LED 6-380V	HB2-BK2365 HB2-BK2465 HB2-BK2565	 红色 Red  绿色 Green  蓝色 Blue	NO+NC	
	三位旋钮带灯 Illuminated 3-position stay put button with Neon or LED 6-380V	HB2-BK3365 HB2-BK3465 HB2-BK3565			
	直接式指示灯 Indicate light directness with Neon or LED	HB2-BV64 HB2-BV61 HB2-BV63 HB2-BV65 HB2-BV66	 红色 Red  白色 White  绿色 Green  黄色 Yellow  蓝色 Blue	6-380V	
	变压器式指示灯 Indicate light transformer Neon or LED	HB2-BV44 HB2-BV41 HB2-BV43 HB2-BV45 HB2-BV46	 红色 Red  白色 White  绿色 Green  黄色 Yellow  蓝色 Blue	220V	

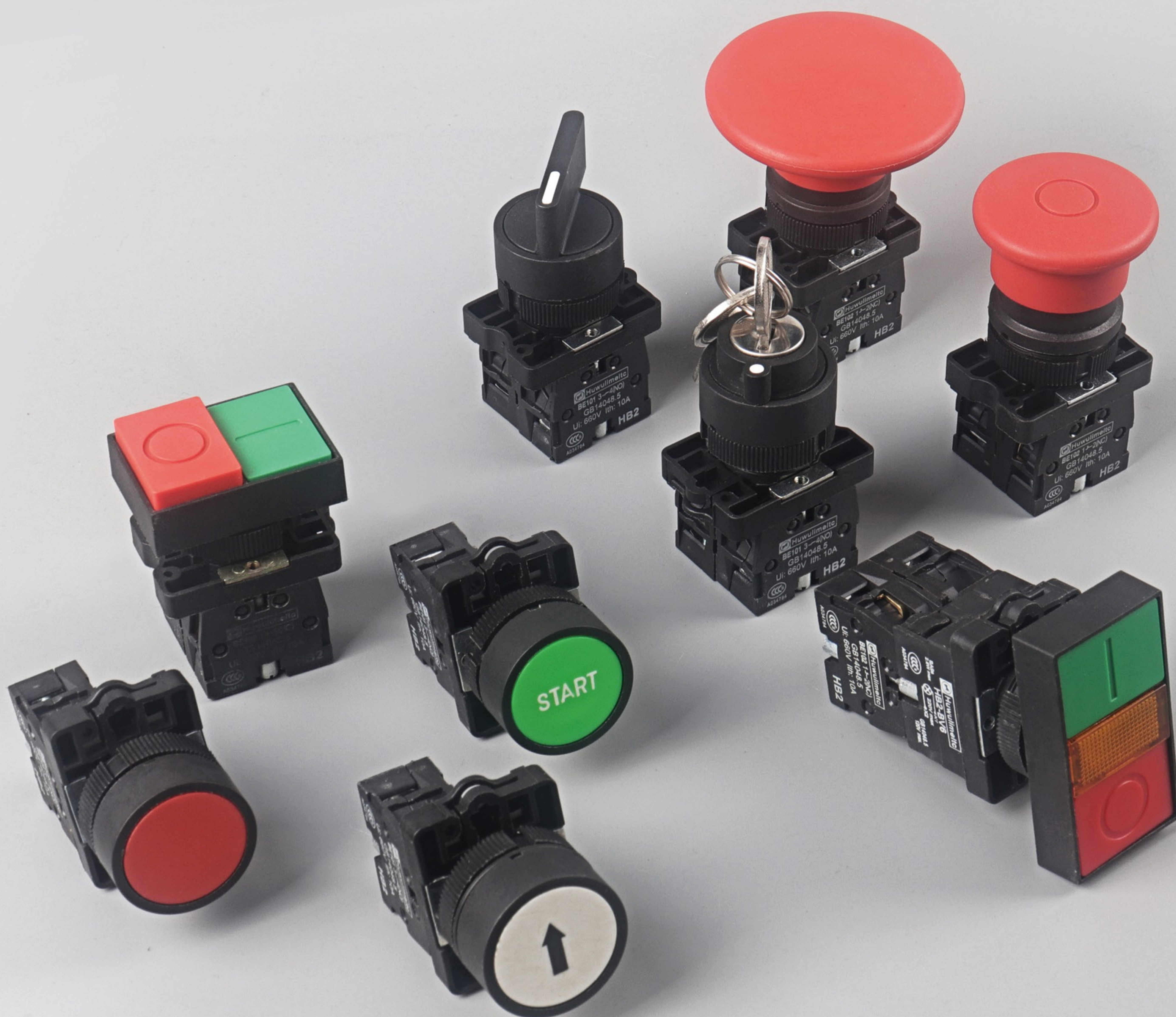
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	外壳：塑料 Shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	平钮自复 Flush button Spring return	HB2-EA42	 红色 Red	NC	
		HB2-EA11 HB2-EA21 HB2-EA31 HB2-EA51 HB2-EA61	 白色 White  黑色 Black  绿色 Green  黄色 Yellow  蓝色 Blue	NO	
	蘑菇钮自复 ϕ 40 Mushroom head Spring return ϕ 40	HB2-EC42	 红色 Red	NC	
		HB2-EC21 HB2-EC31 HB2-EC51	 黑色 Black  绿色 Green  黄色 Yellow	NO	

Button Switch

HB2系列经济型按钮

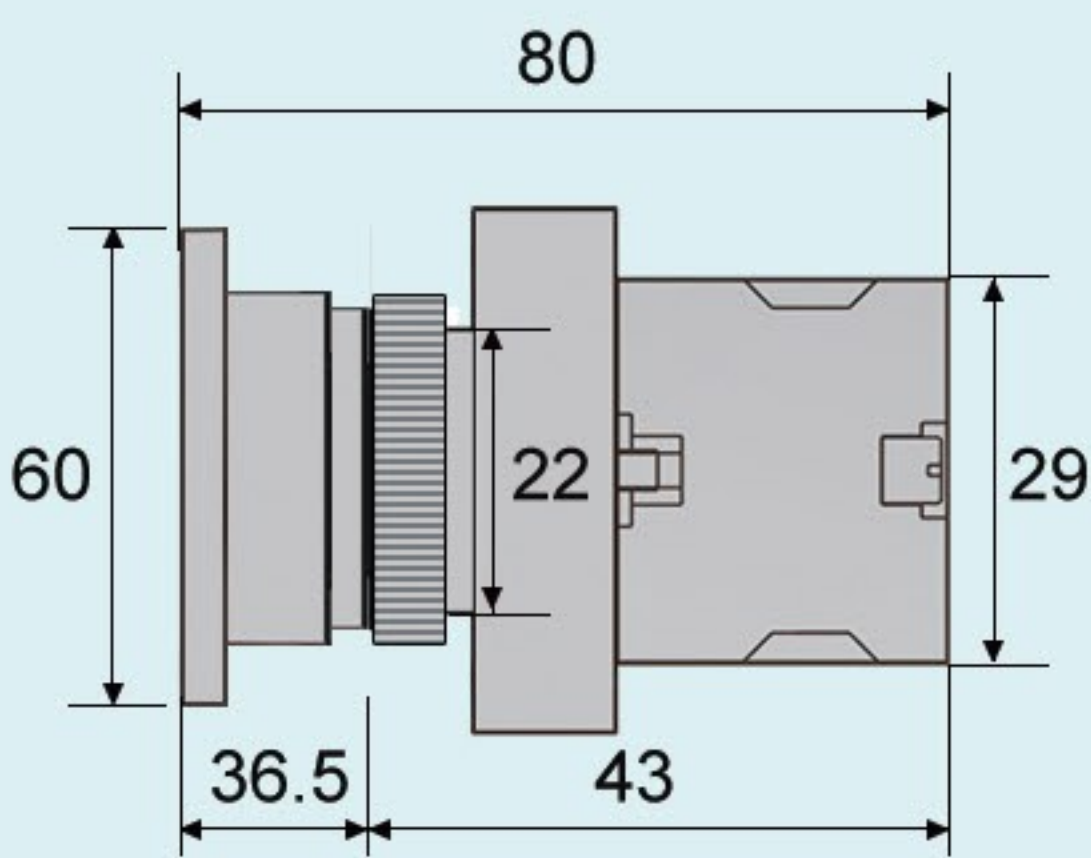
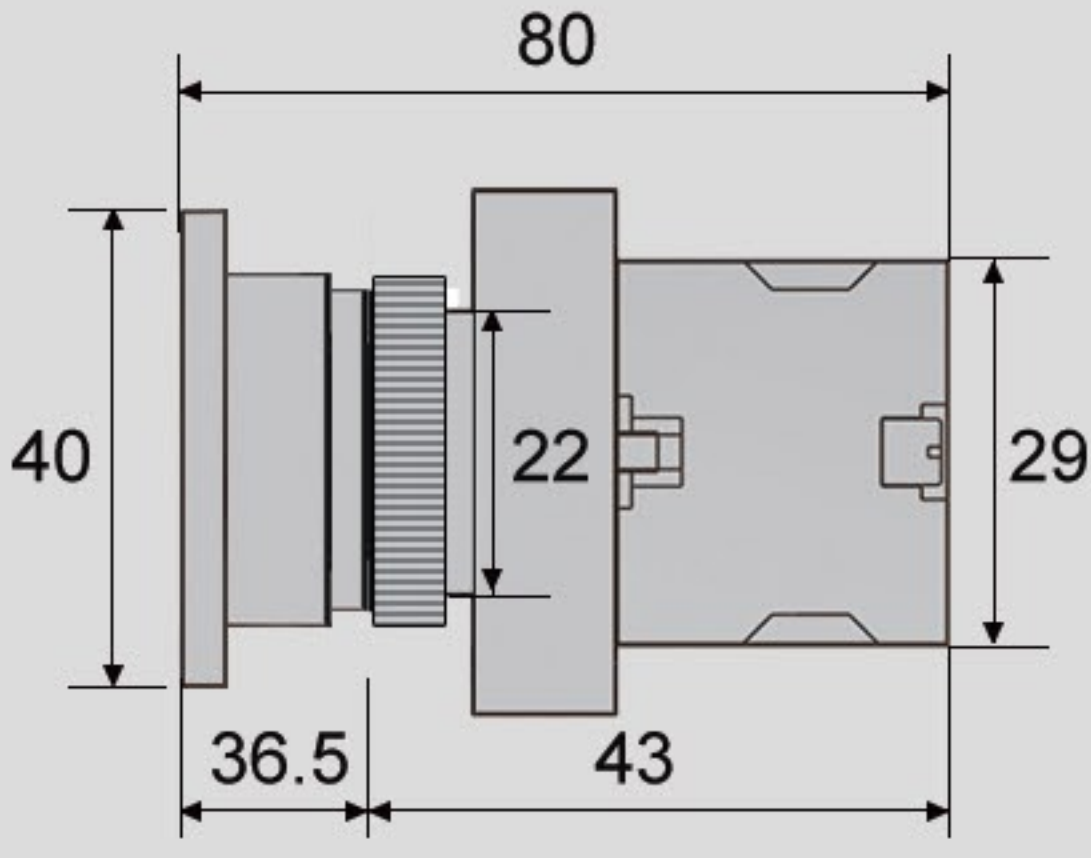
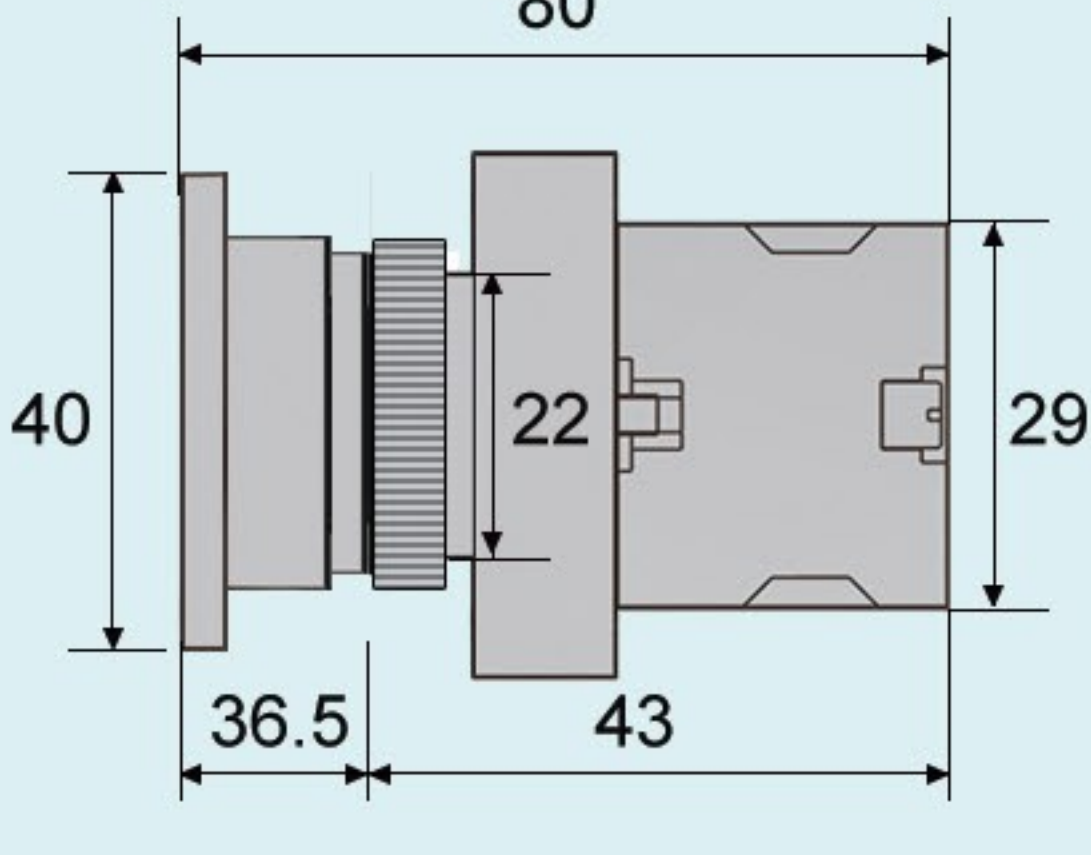
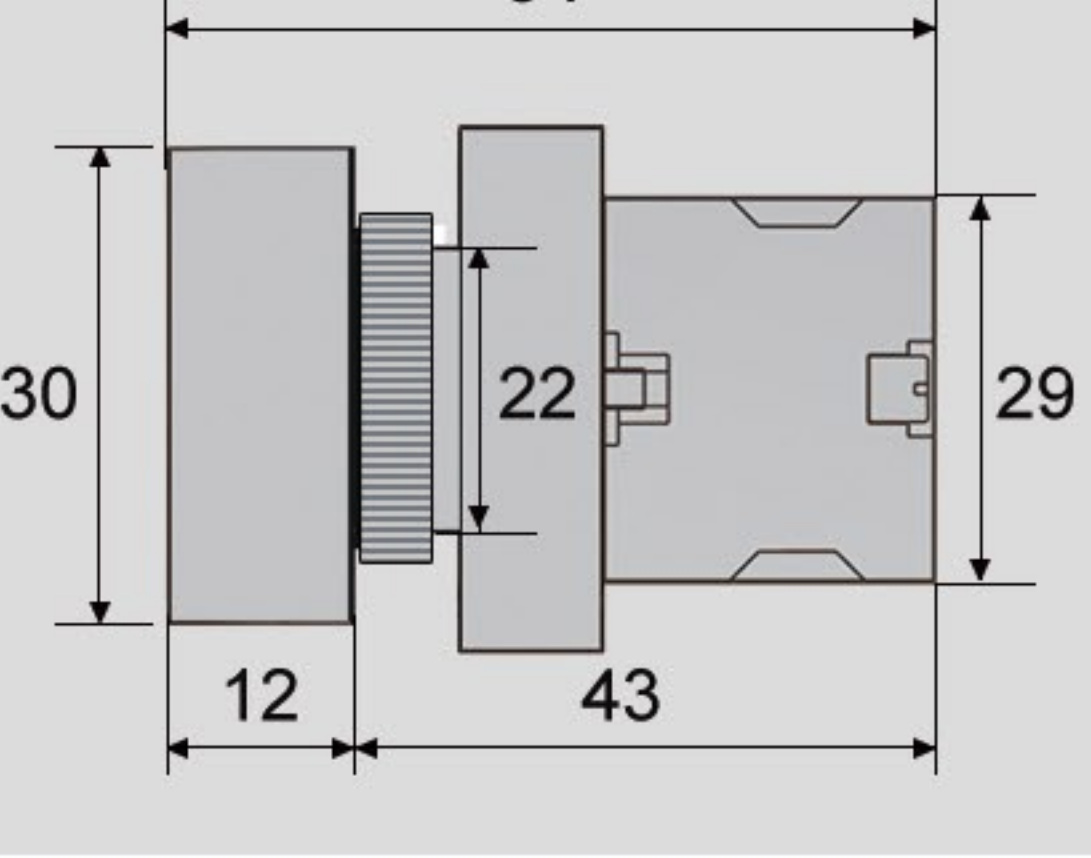
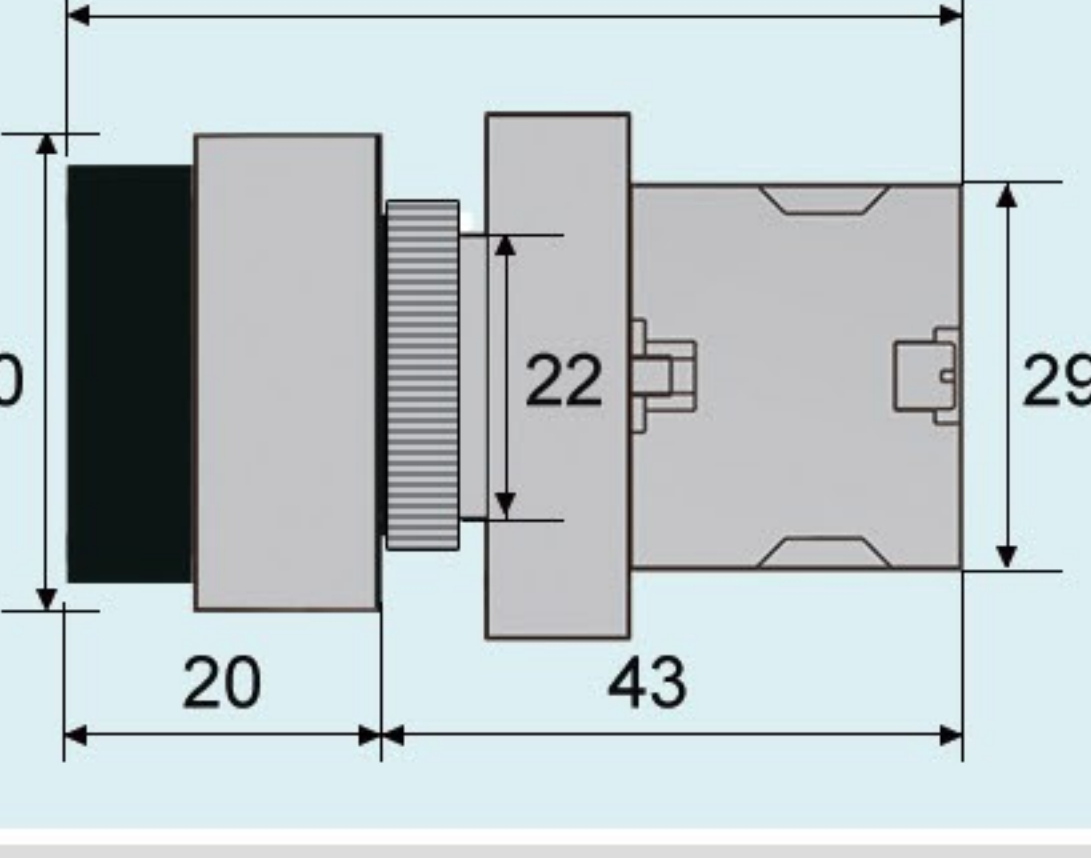
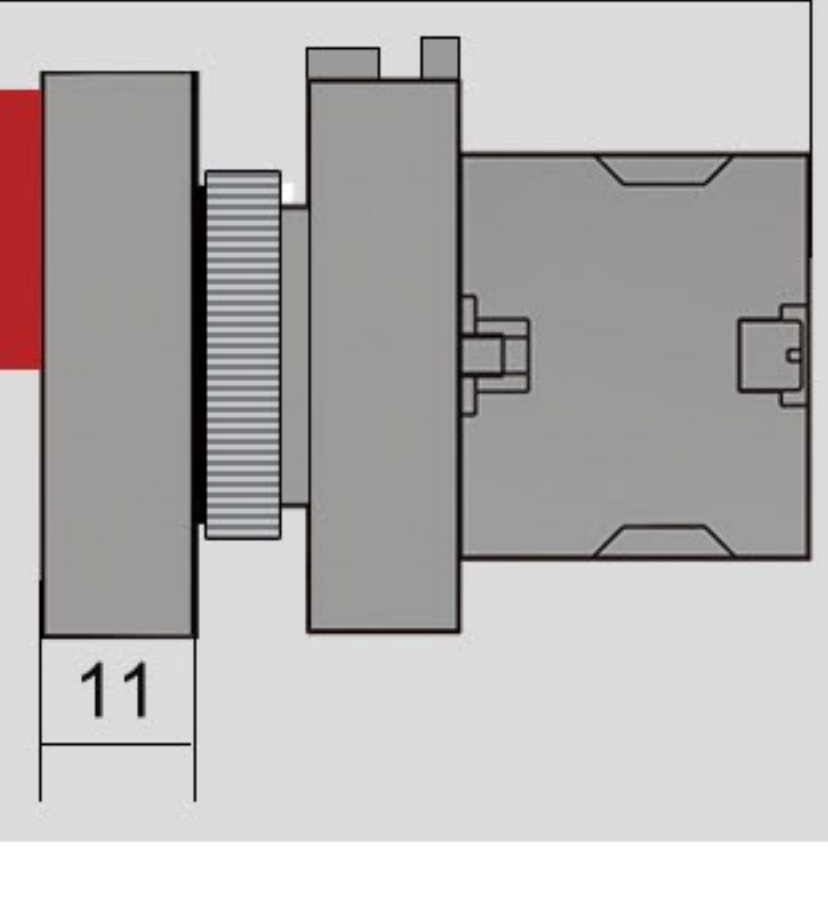
- 1. 安装孔尺寸: $\phi 22\text{mm}$
- 2. 开关额定值: $U_i: 440\text{V}, I_{th} 10\text{A}$
- 3. 机械寿命: ≥ 200 万次。
- 4. 电气寿命: ≥ 50 万次。



HB2 系列 按钮 开关

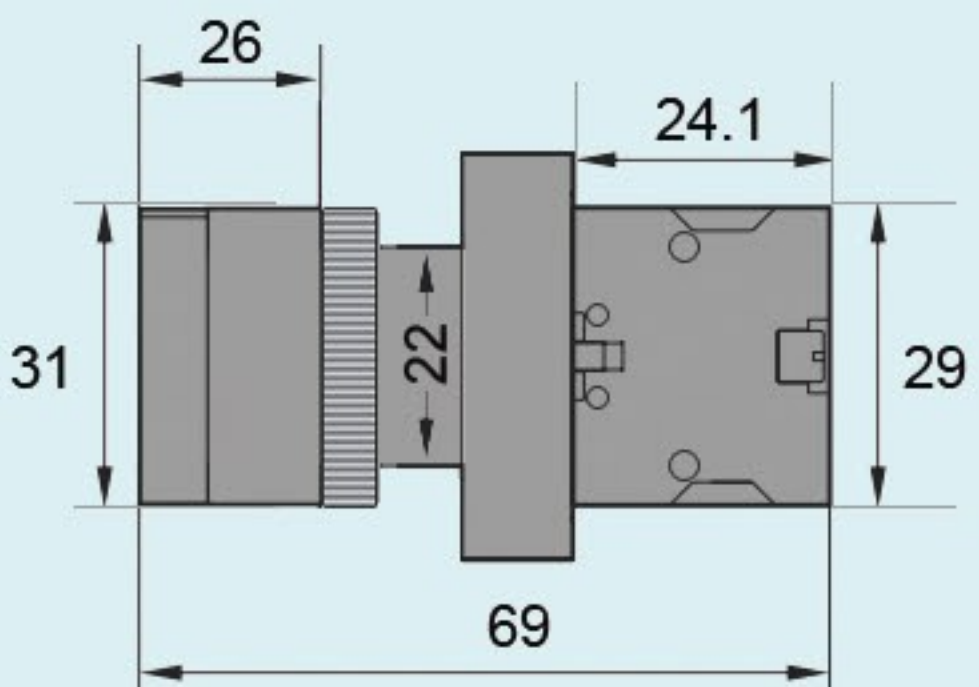
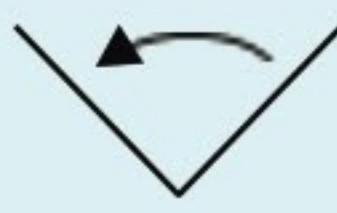
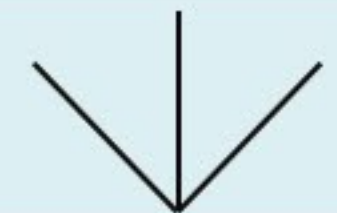
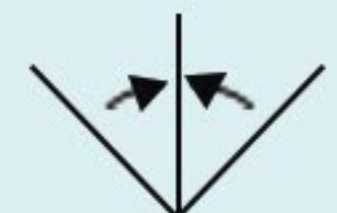
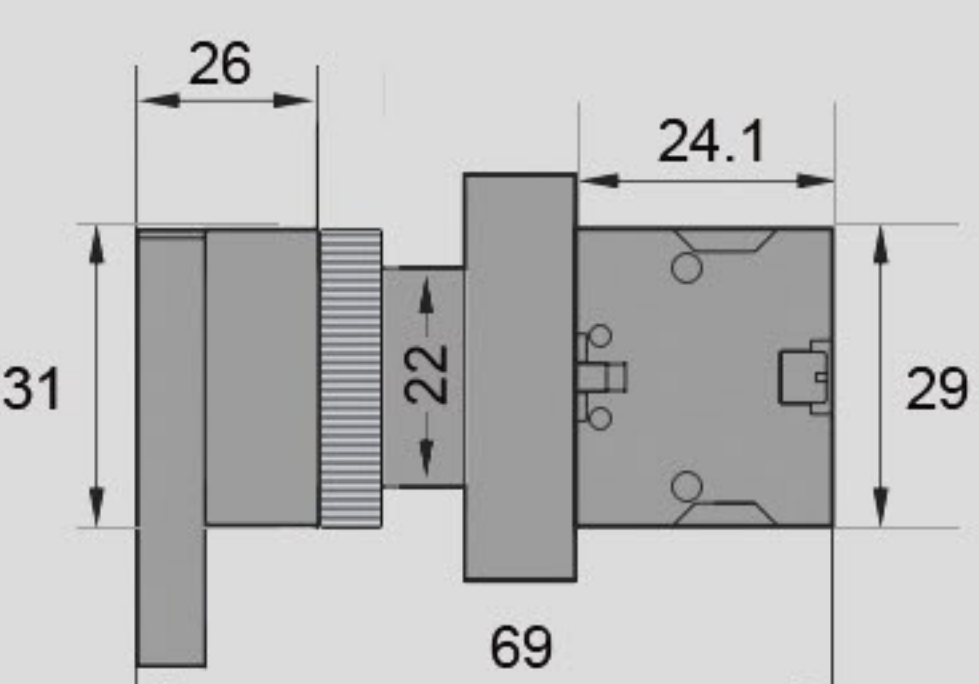
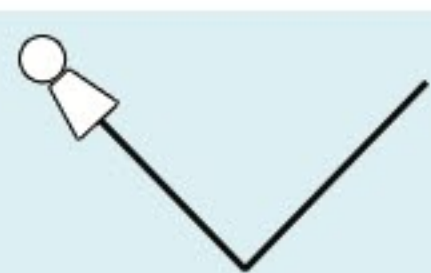
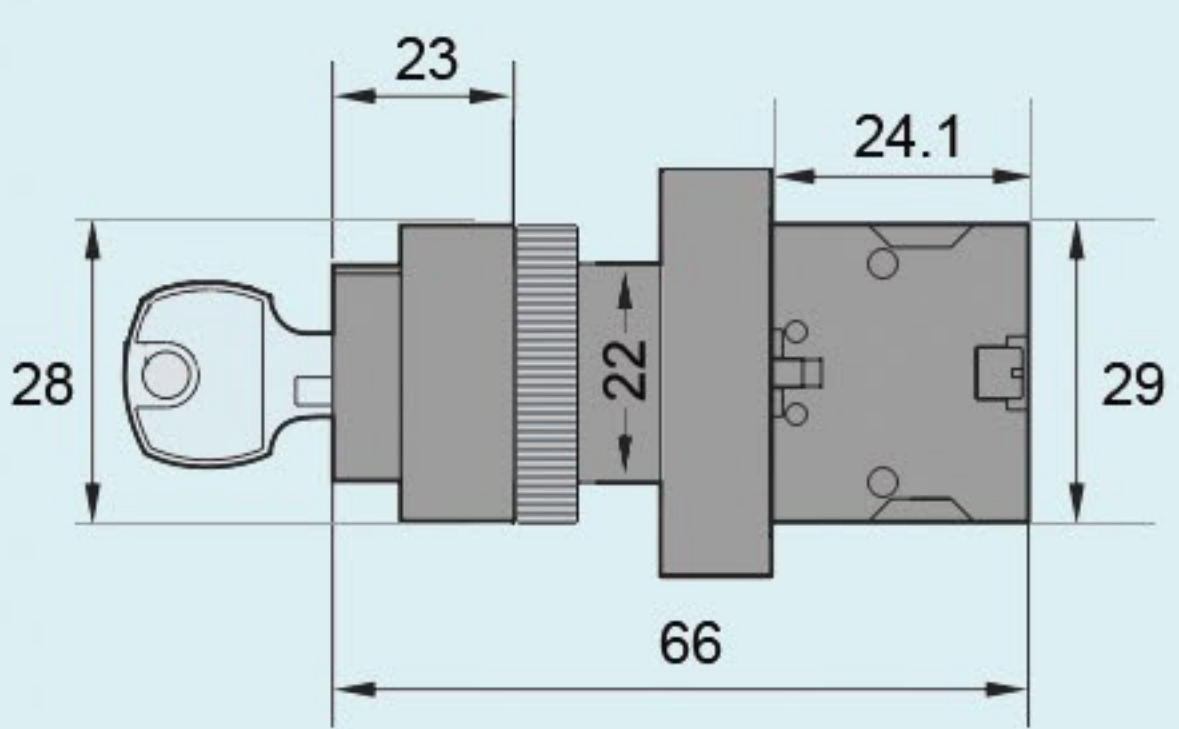
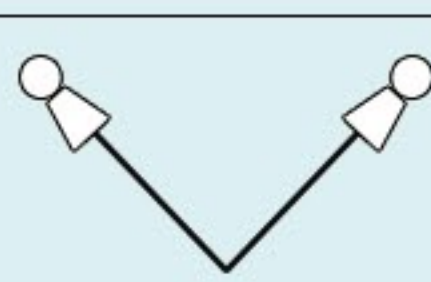
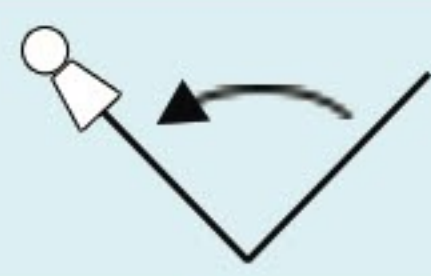
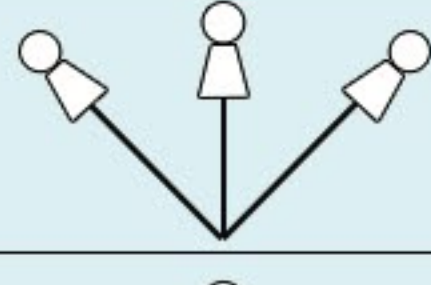
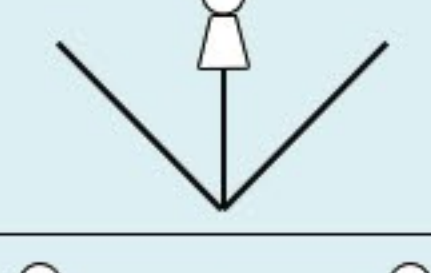
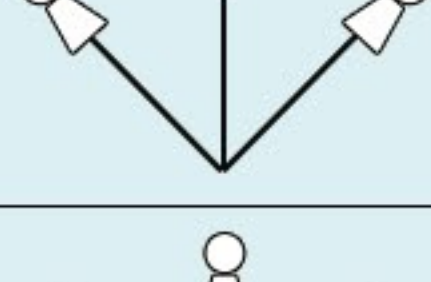
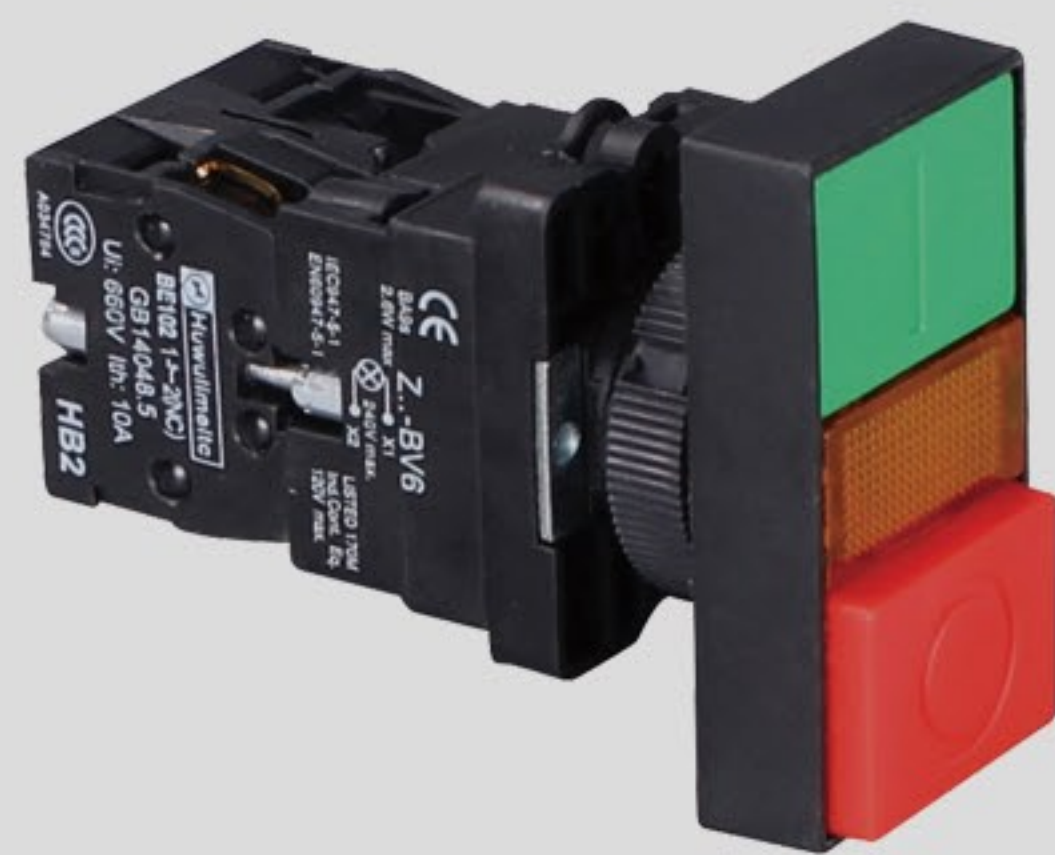
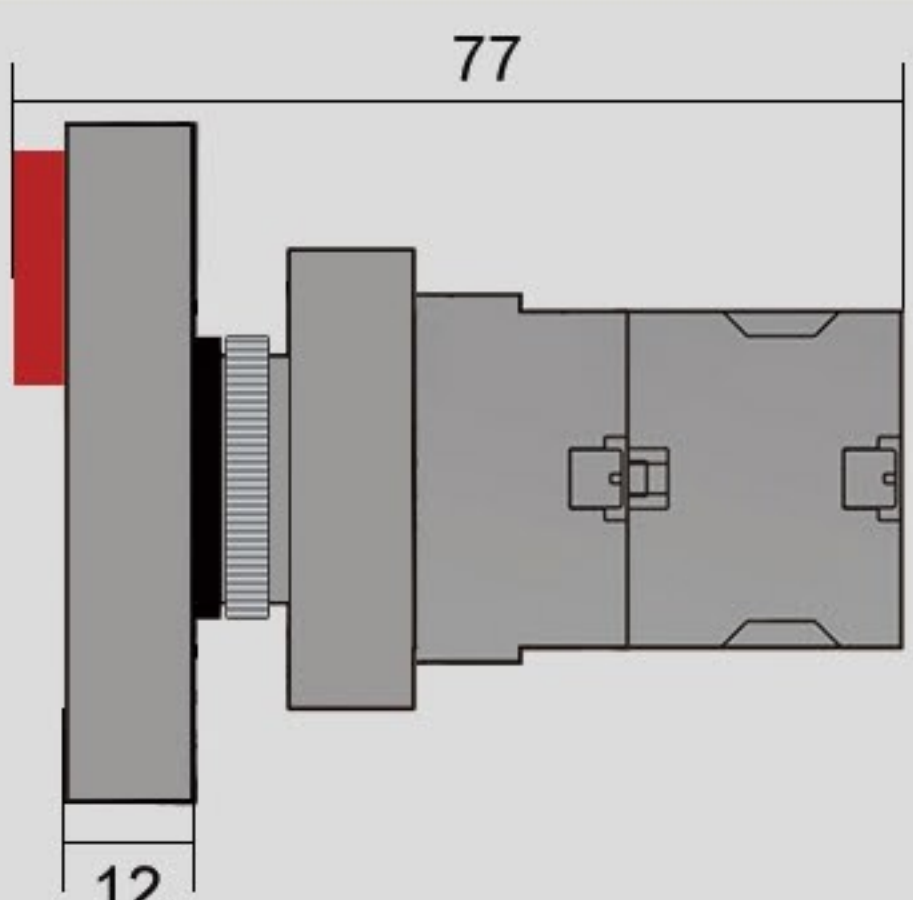
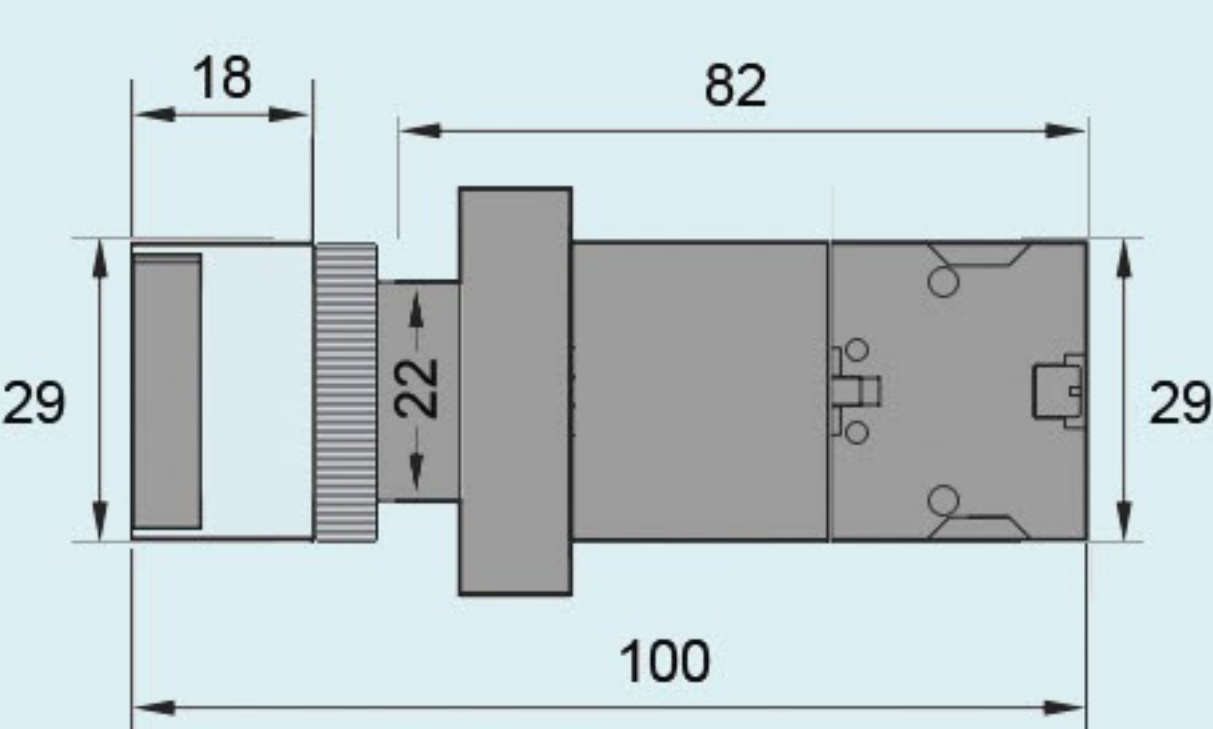
HB2 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳：塑料 / 触点外壳：塑料 Head shell: Plastic / Contact shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	蘑菇钮自复 Φ 60 Mushroom head Spring return	HB2-ER42	 红色 Red	NC	
		HB2-ER21 HB2-ER31 HB2-ER51	 黑色 Black  绿色 Green  黄色 Yellow	NO	
	蘑菇钮自锁 Mushroom head Turn to release	HB2-ES442 Φ 30 HB2-ES442 Φ 40 HB2-ES442 Φ 60	 红色 Red	NC	
	蘑菇钮钥匙自锁 Mushroom head with key release	HB2-ES142 Φ 40 HB2-ES242 Φ 60	 红色 Red	NC	
	带标记 Flush button Spring return with mark	HB2-EA4322 HB2-EA4342	 红色 O  红色 STOP	NC	
		HB2-EA3311 HB2-EA3341 HB2-EA3351 HB2-EA3331	 绿色 I  白色 ↑  黑色 ↓  绿色 START	NO	
	高钮 Raised button Spring return	HB2-EL42	 红色 Red	NC	
		HB2-EL11 HB2-EL21 HB2-EL31 HB2-EL51 HB2-EL61	 白色 White  黑色 Black  绿色 Green  黄色 Yellow  蓝色 Blue	NO	
	双钮 Double headed button spring return	HB2-EL8325		NO+NC	
		HB2-EL8425		NO+NC	

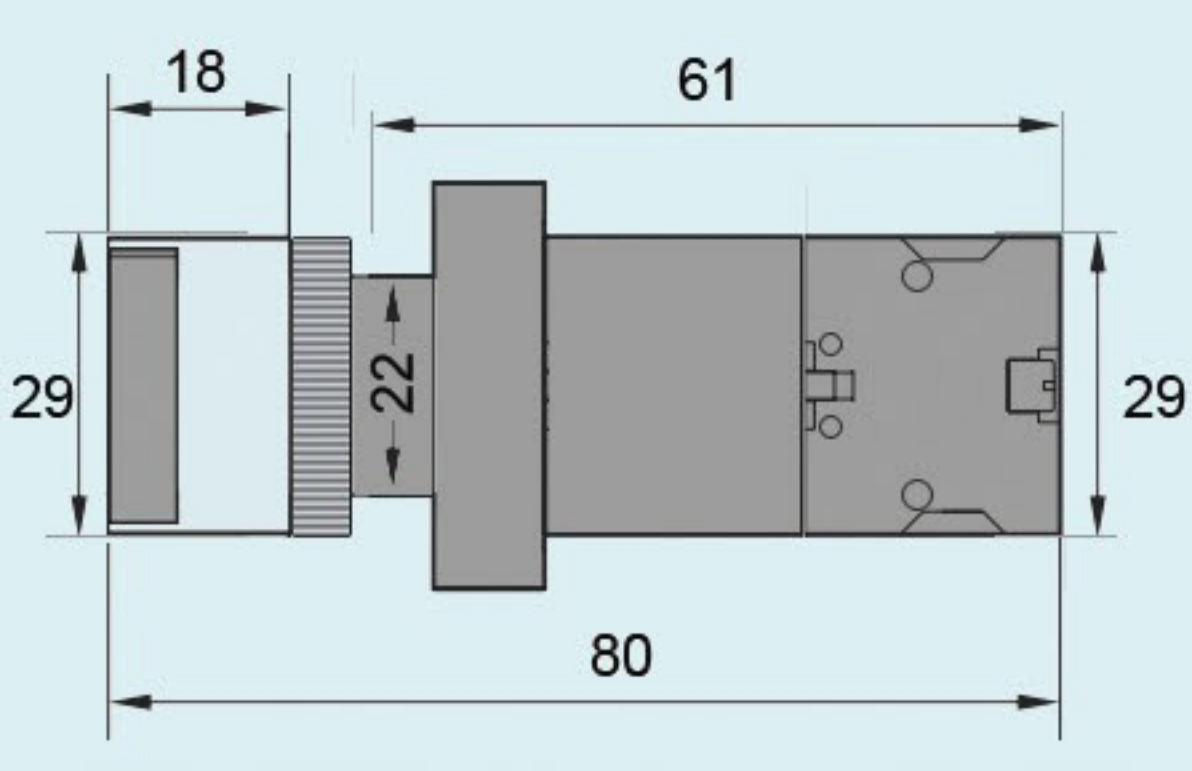
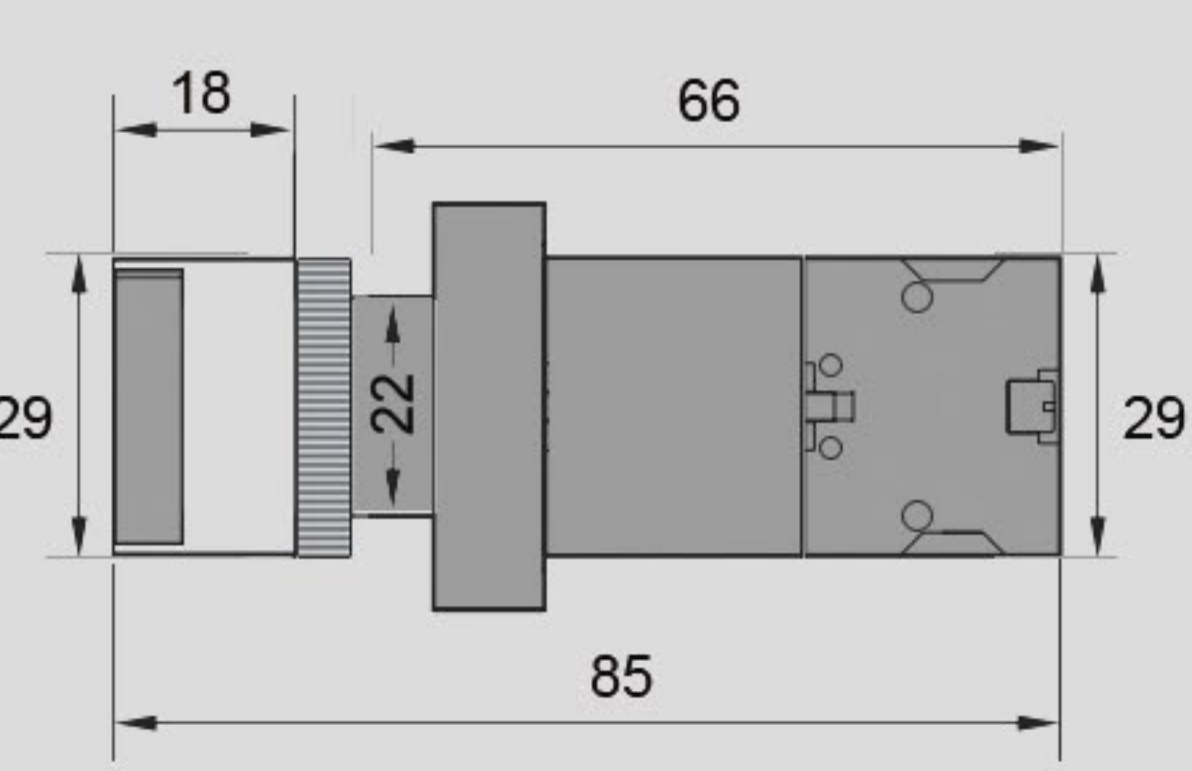
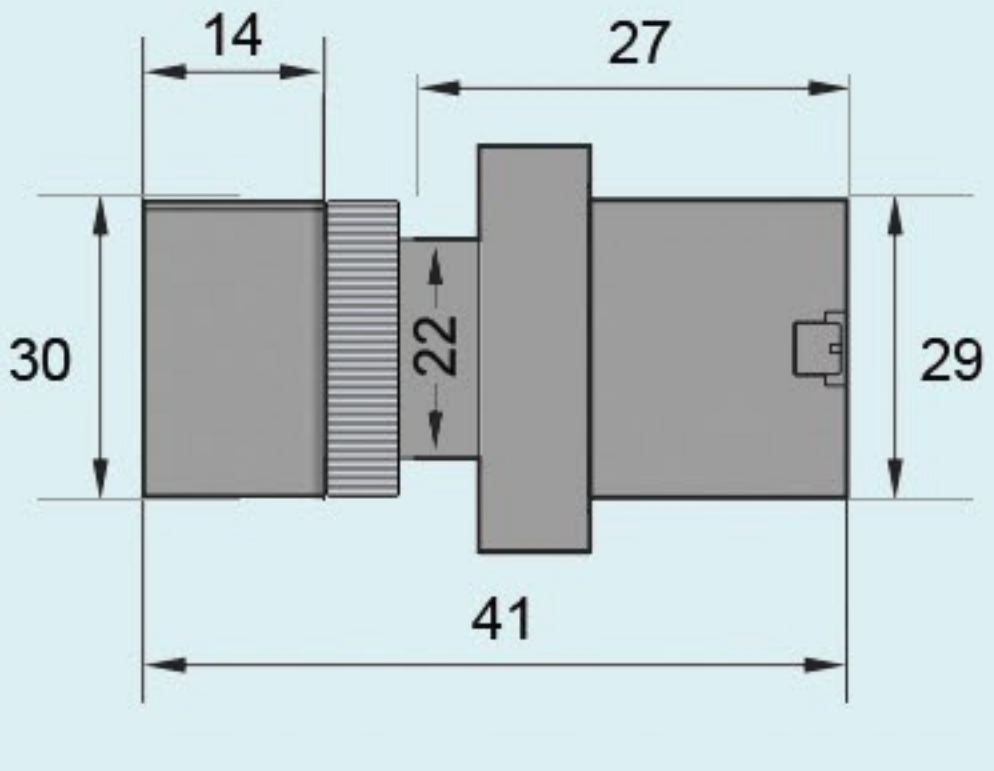
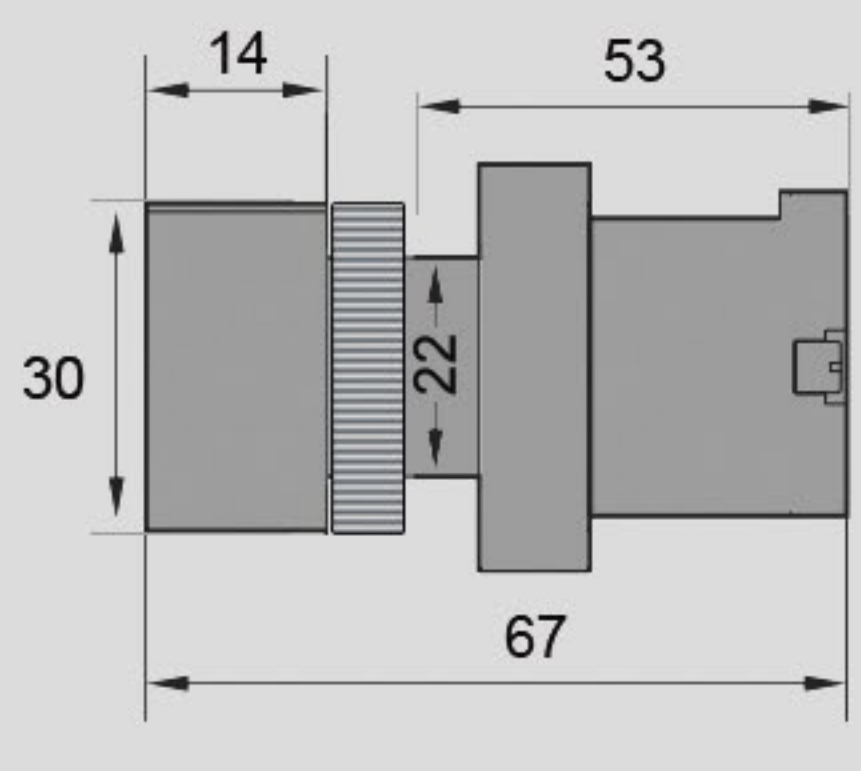
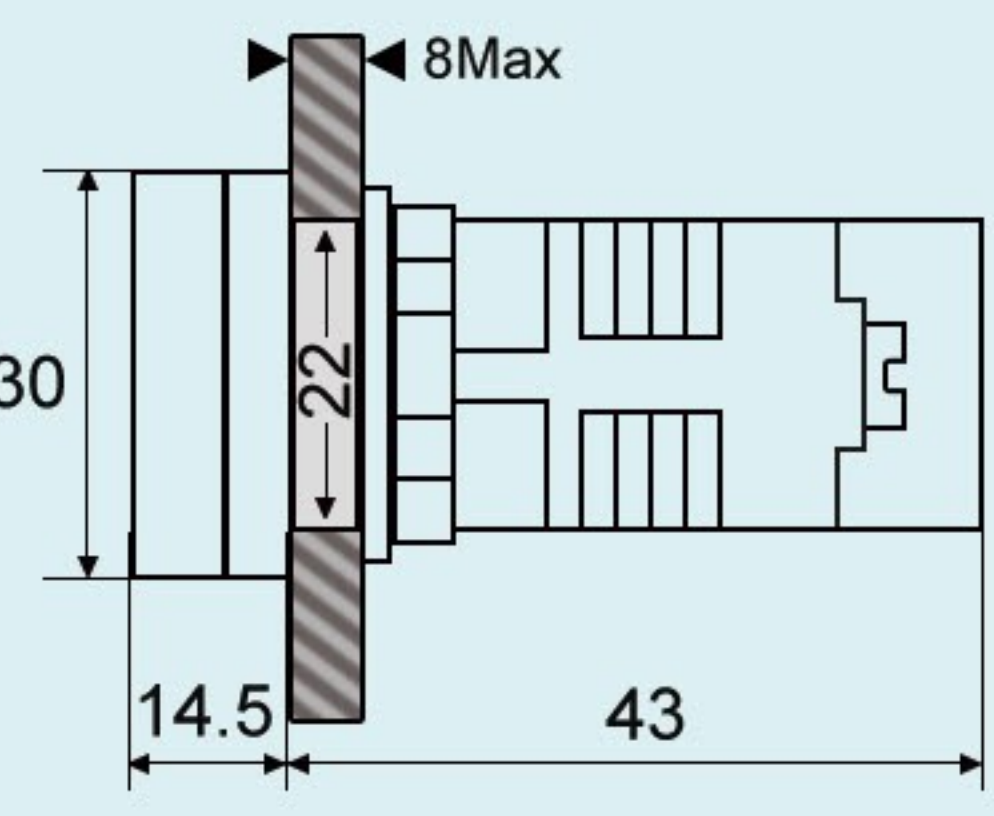
HB2 系列 按钮 开关 HB2 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE 操作位置说明 Position	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳：塑料 / 触点外壳：塑料 Head shell: Plastic / Contact shell: Plastic	
			二位自锁 Two position maintained	二位自复 Two position momentary		三位自锁 Three position maintained	三位自复 Three position momentary

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	二位锁定 2-position stay put	HB2-ED21		NO	
		HB2-ED25		NO+NC	
	二位自复 2-position reset	HB2-ED41		NO	
		HB2-ED45		NO+NC	
	三位锁定 3-position stay put	HB2-ED33		2NO	
	三位自复 3-position reset	HB2-ED53		2NO	
	二位锁定 2-position stay put	HB2-EJ21		NO	
		HB2-EJ25		NO+NC	
	二位自复 2-position reset	HB2-EJ41		NO	
		HB2-EJ45		NO+NC	
	三位锁定 3-position stay put	HB2-EJ33		2NO	
	三位自复 3-position reset	HB2-EJ53		2NO	
	二位钥匙锁定 2-position with key stay put	HB2-EG21		NO	
		HB2-EG25		NO+NC	
		HB2-EG41		NO	
		HB2-EG45		NO+NC	
	二位钥匙自复 2-position with key reset	HB2-EG61		NO	
		HB2-EG65		NO+NC	
	三位钥匙锁定 3-position with key stay put	HB2-EG03		2NO	
		HB2-EG33		2NO	
		HB2-EG53		2NO	
三位钥匙自复 3-position with key reset	HB2-EG73		2NO		
	双钮直接式带灯 Illuminated button-headed button with Neon or LED 6-380V	HB2-EW8365		NO+NC	
		HB2-EW8465			
	变压器式带灯 Illuminated button transformer with Neon or LED 220V	HB2-EW3442	 红色 Red	NC	
		HB2-EW3341	 绿色 Green	NO	
		HB2-EW3541	 黄色 Yellow		
		HB2-EW3641	 蓝色 Blue		

HB2 系列 按钮 开关 HB2 Button Switch

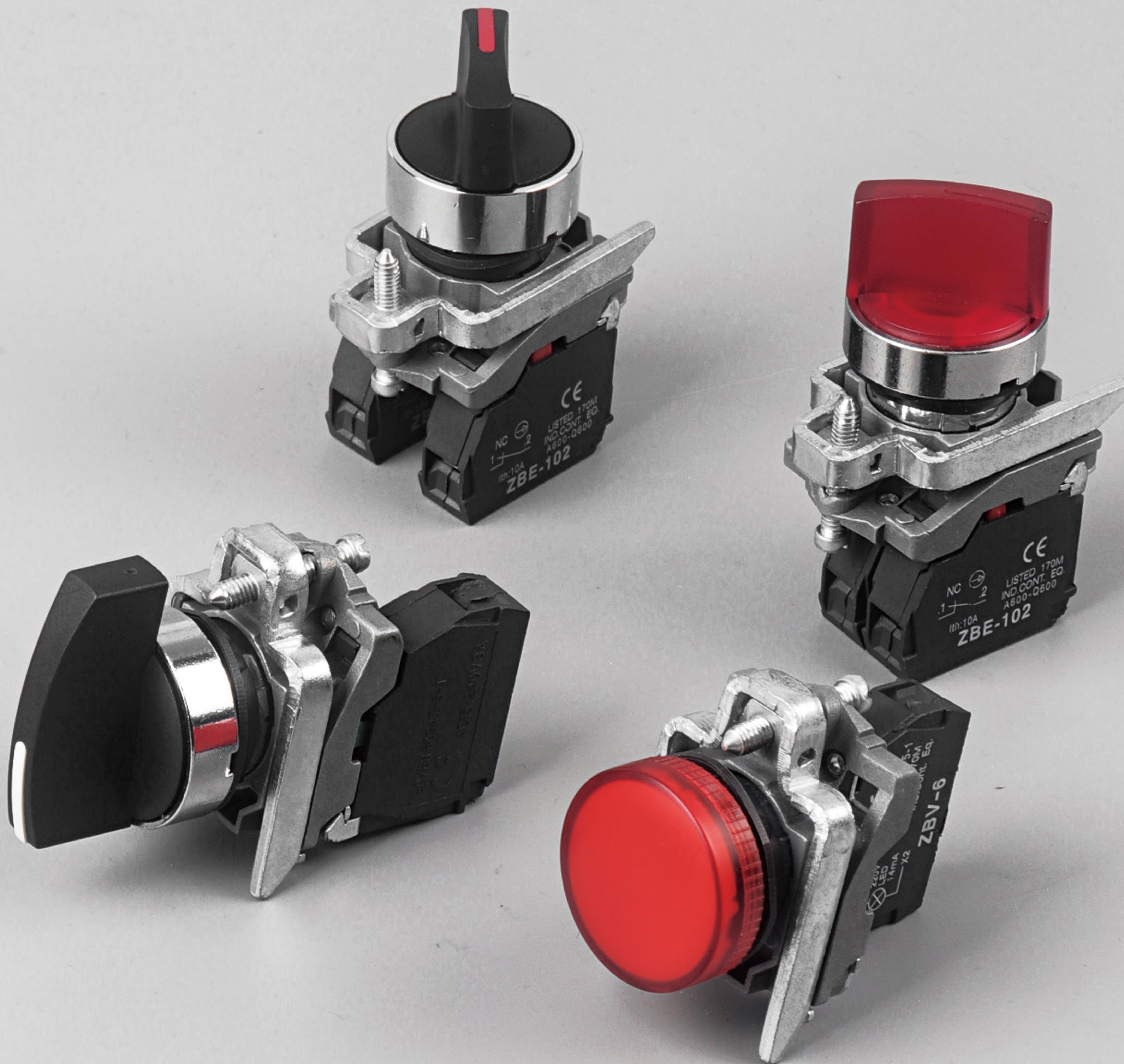
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳：塑料 / 触点外壳：塑料 Head shell: Plastic / Contact shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	直接式带灯 Illuminated button directness with Neon or LED 6-380V	HB2-EW3462	 红色 Red	NC	
		HB2-EW3361 HB2-EW3561 HB2-EW3661	 绿色 Green  黄色 Yellow  蓝色 Blue	NO	
	电阻式带灯 Illuminated button resistance with Neon or LED 220V	HB2-EW3472	 红色 Red	NC	
		HB2-EW3371 HB2-EW3571 HB2-EW3671	 绿色 Green  黄色 Yellow  蓝色 Blue	NO	
	直接式指示灯 Indicate light directness with Neon or LED	HB2-EV64 HB2-EV61 HB2-EV63 HB2-EV65 HB2-EV66	 红色 Red  白色 White  绿色 Green  黄色 Yellow  蓝色 Blue	6-380V	
	变压器式指示灯 Indicate light transformer Neon or LED	HB2-EV44 HB2-EV41 HB2-EV43 HB2-EV45 HB2-EV46	 红色 Red  白色 White  绿色 Green  黄色 Yellow  蓝色 Blue	220V	
	指示灯 Indicate light with Neon or LED	HB2-BVB3	 红色 Red  白色 White  绿色 Green  黄色 Yellow  蓝色 Blue	24V	
		HB2-BVB4			
		HB2-BVB5			
		HB2-BVG3		110V	
		HB2-BVG4			
		HB2-BVG5			
		HB2-BVM3		220V	
		HB2-BVM4			
		HB2-BVM5			

Button Switch

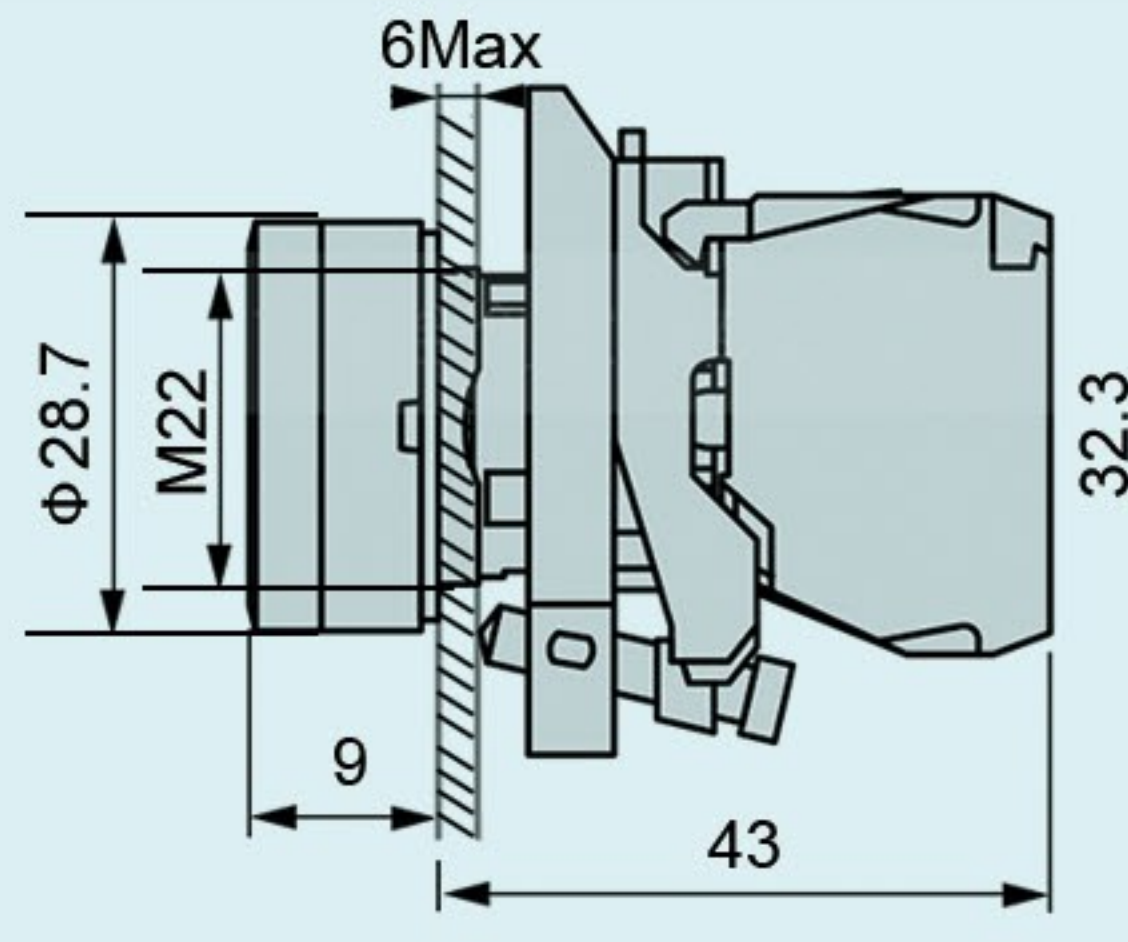
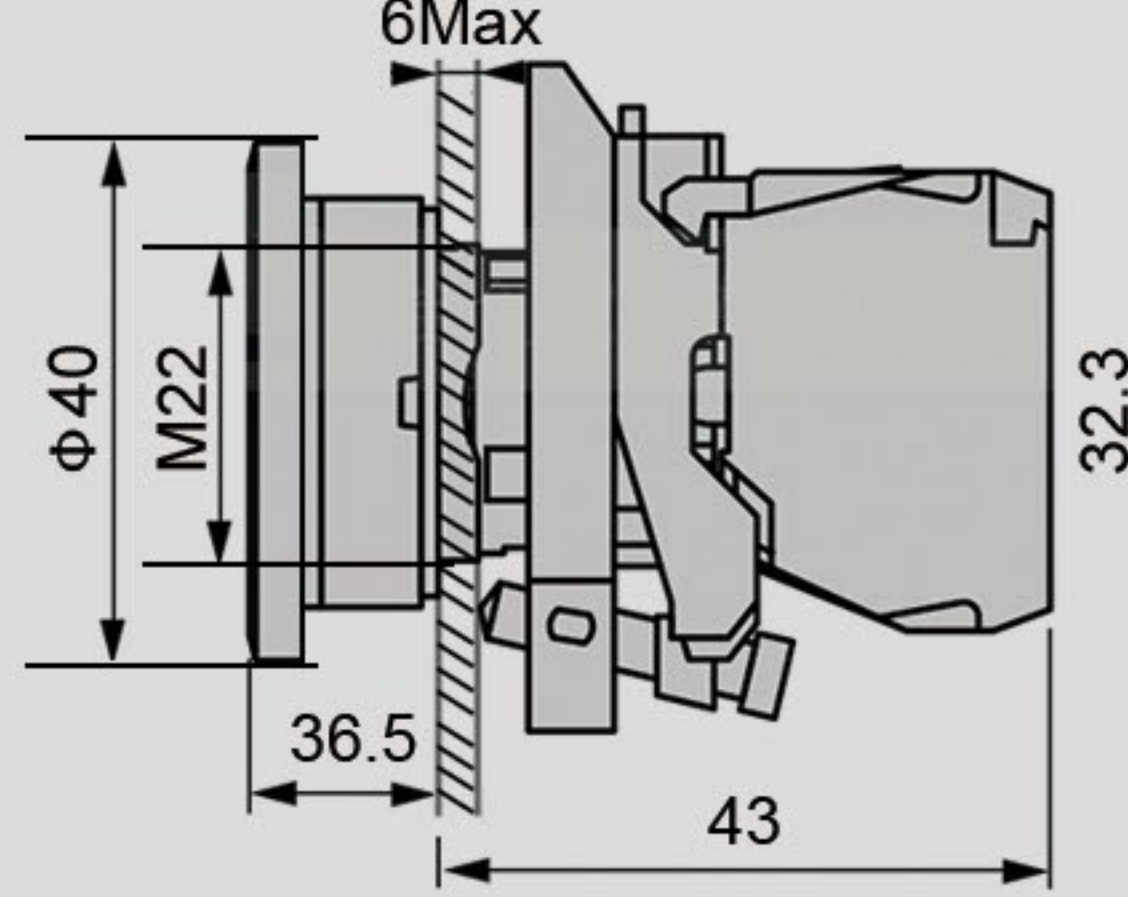
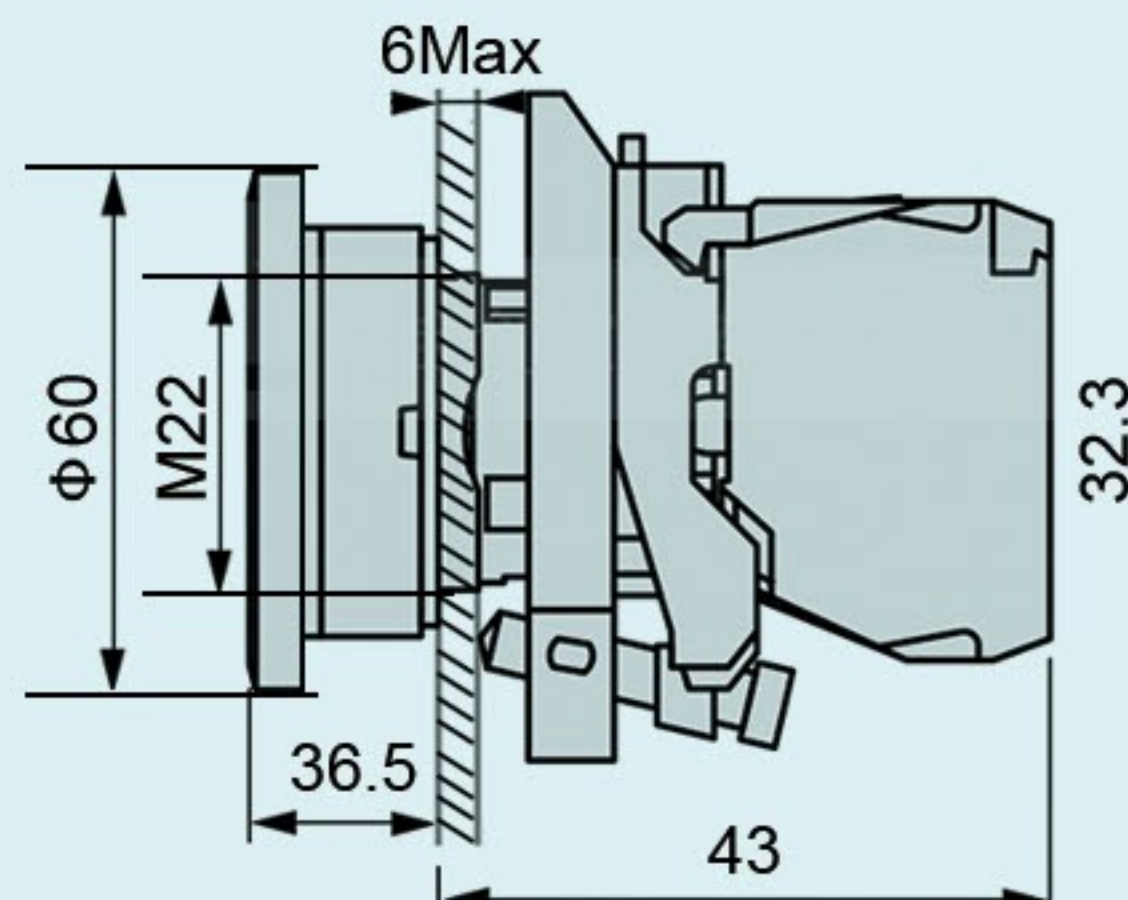
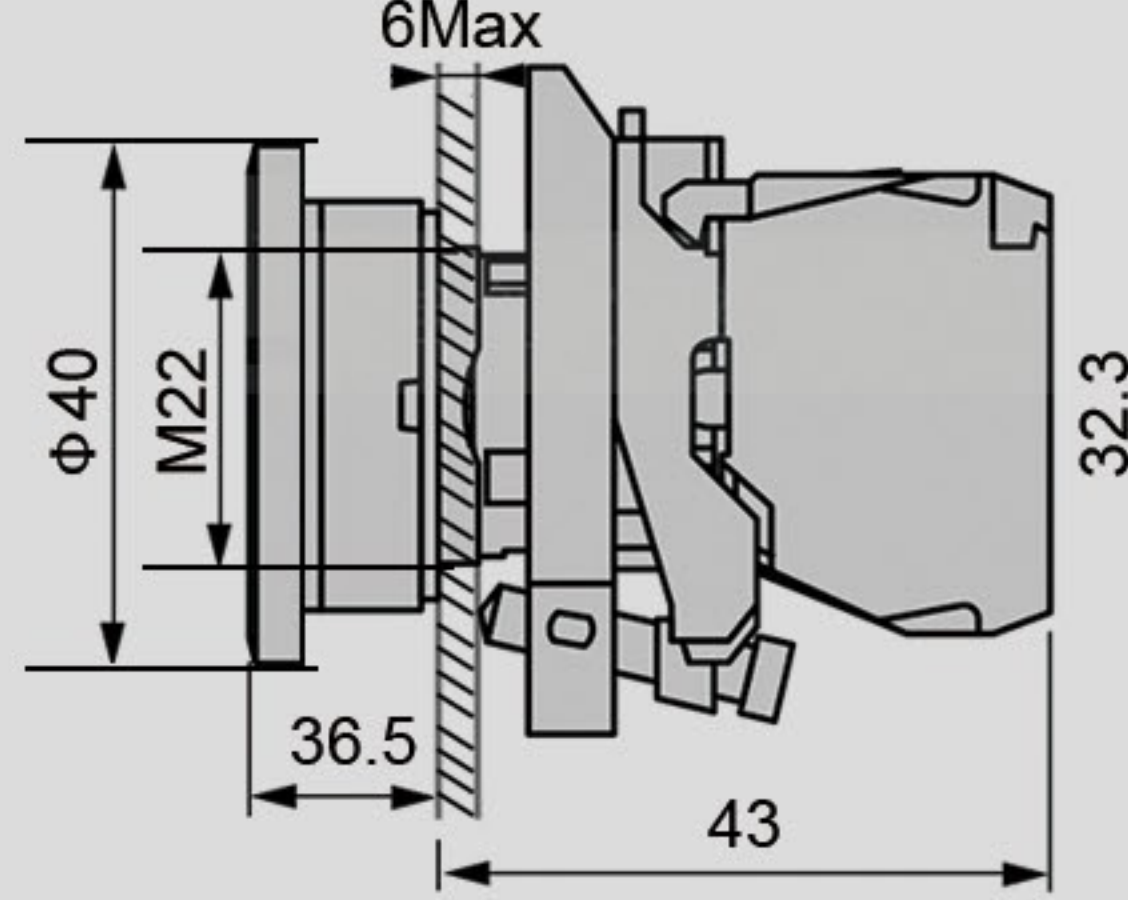
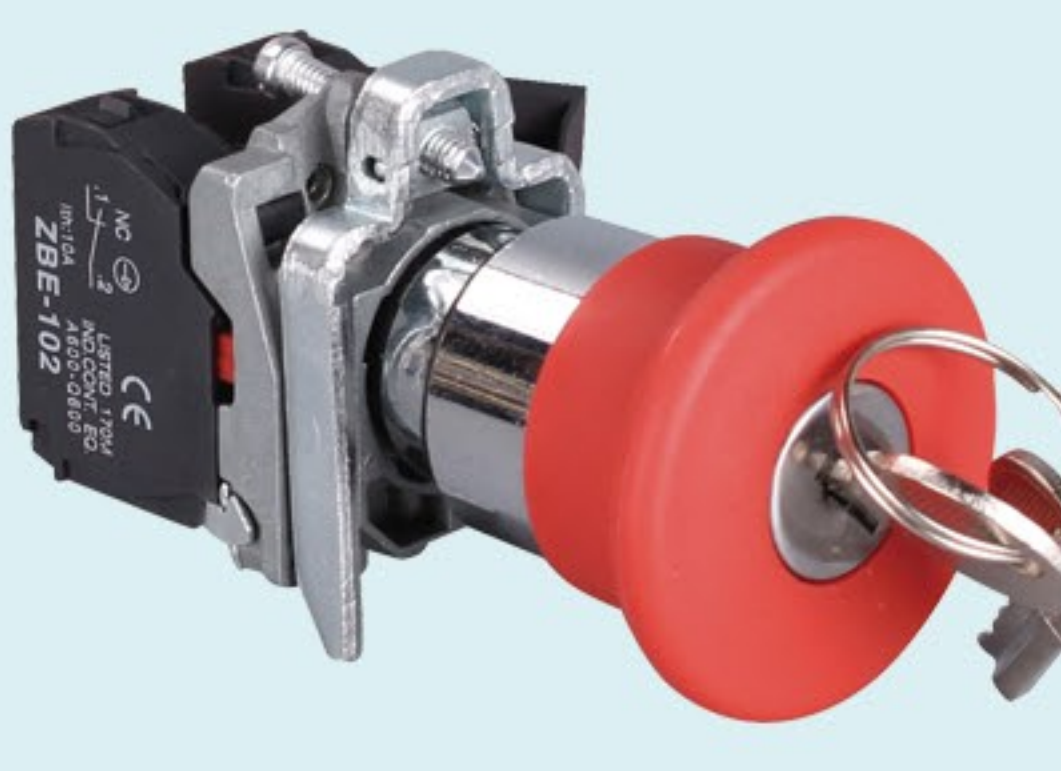
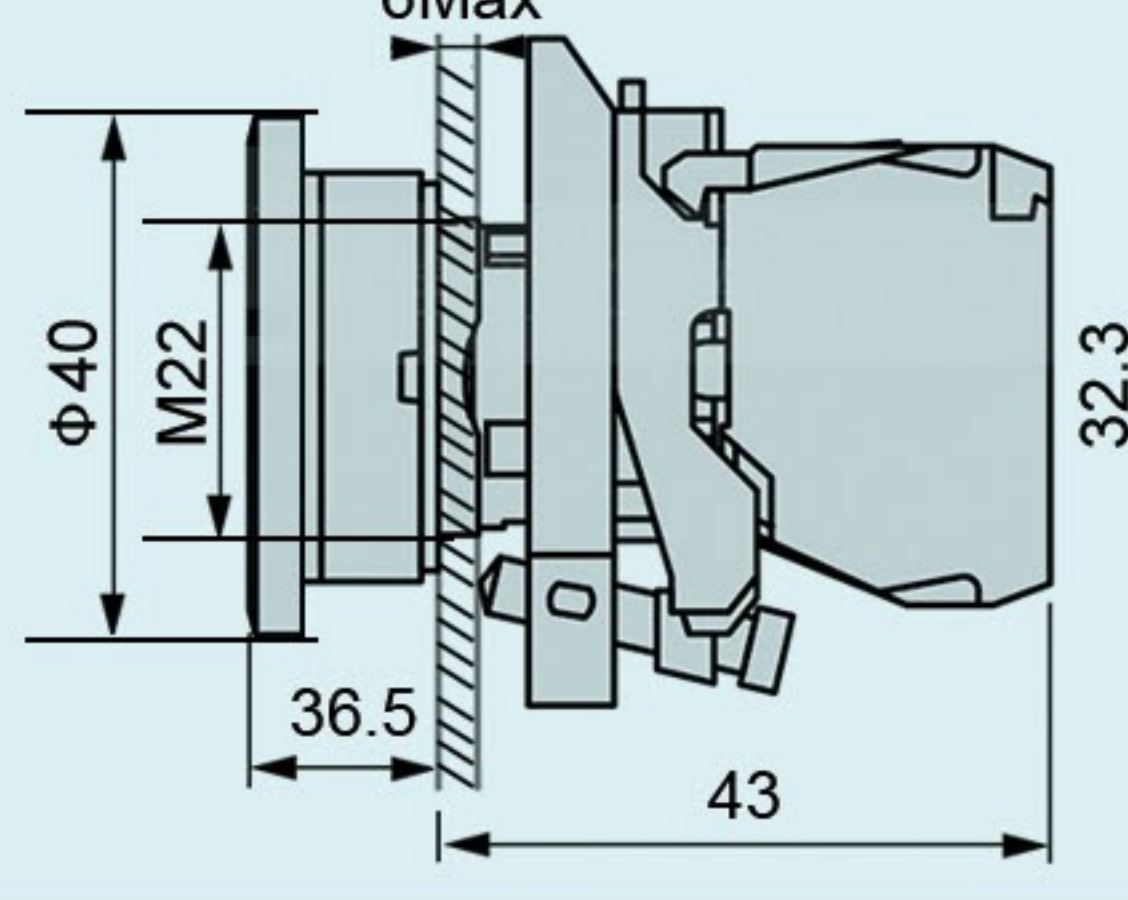
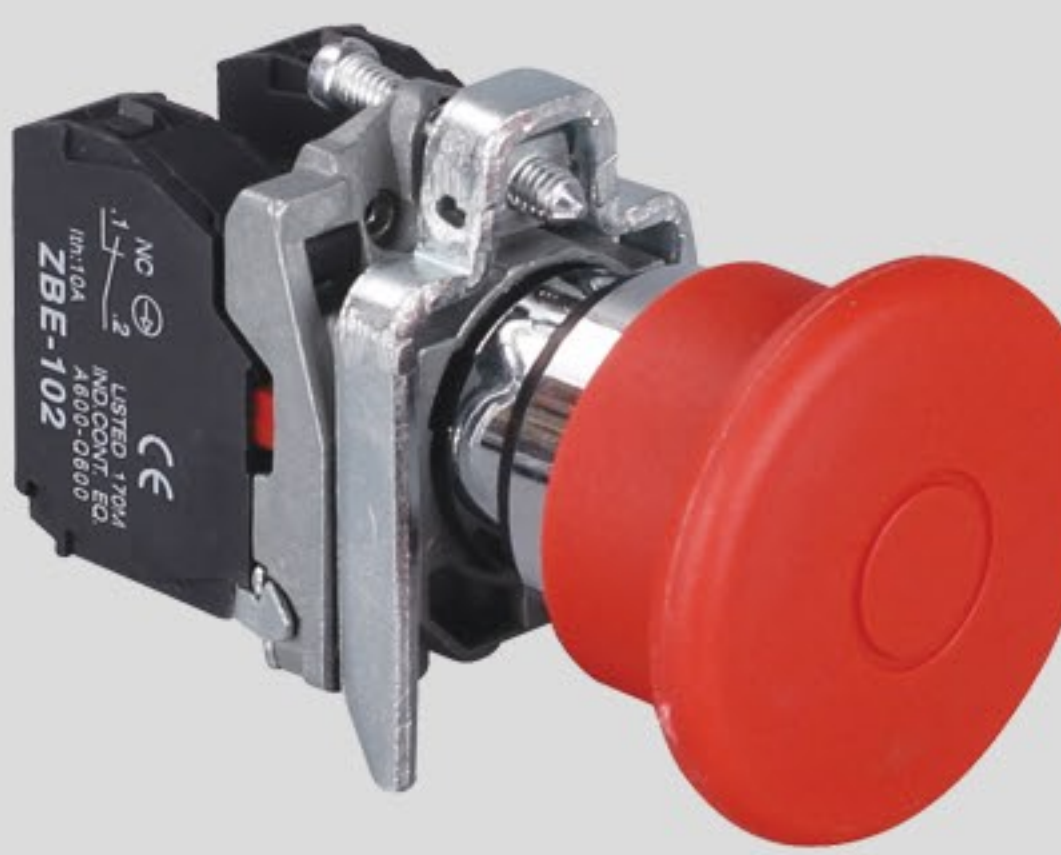
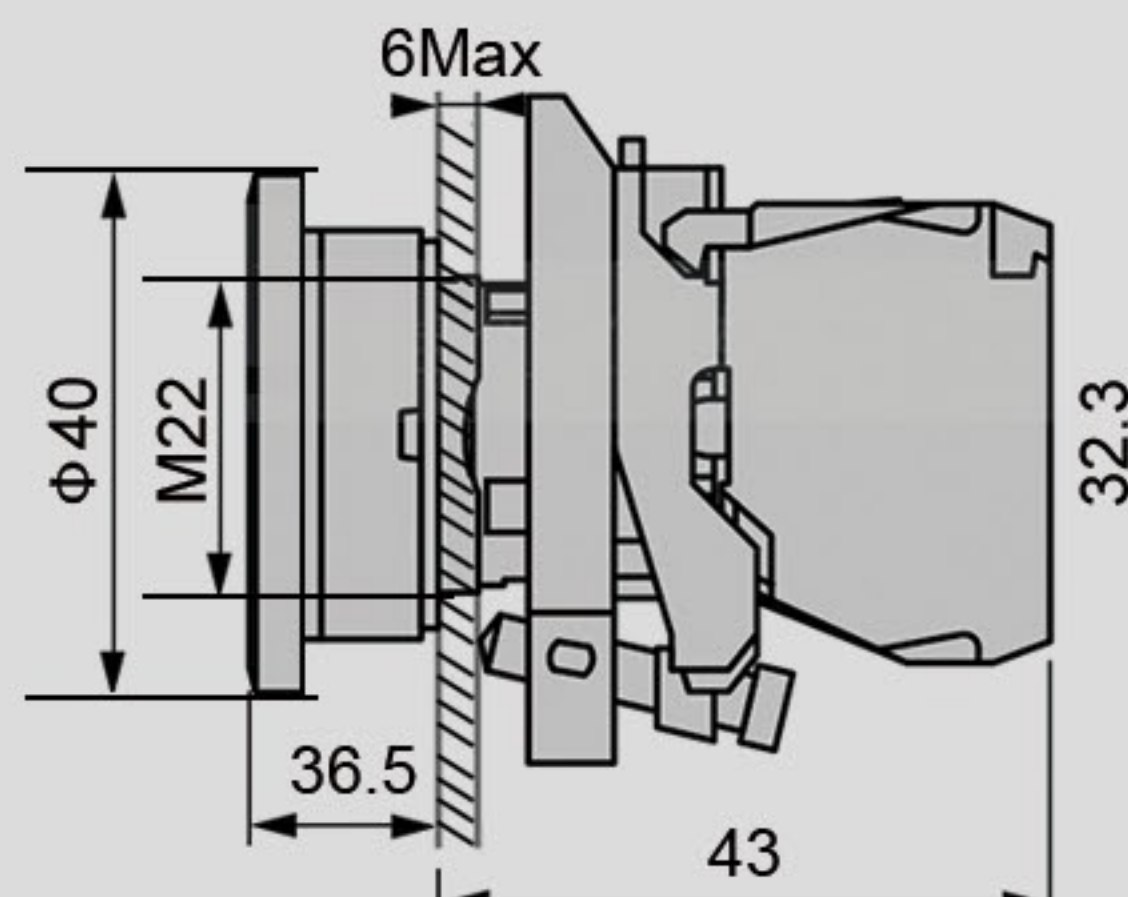
HB4系列金属按钮

- 1.安装孔尺寸: $\phi 22\text{mm}$
- 2.开关额定值: $U_i:440\text{V}, I_{th}10\text{A}$
- 3.机械寿命: ≥ 200 万次。
- 4.电气寿命: ≥ 50 万次。



HB4 系列 按钮 开关 HB4 Button Switch

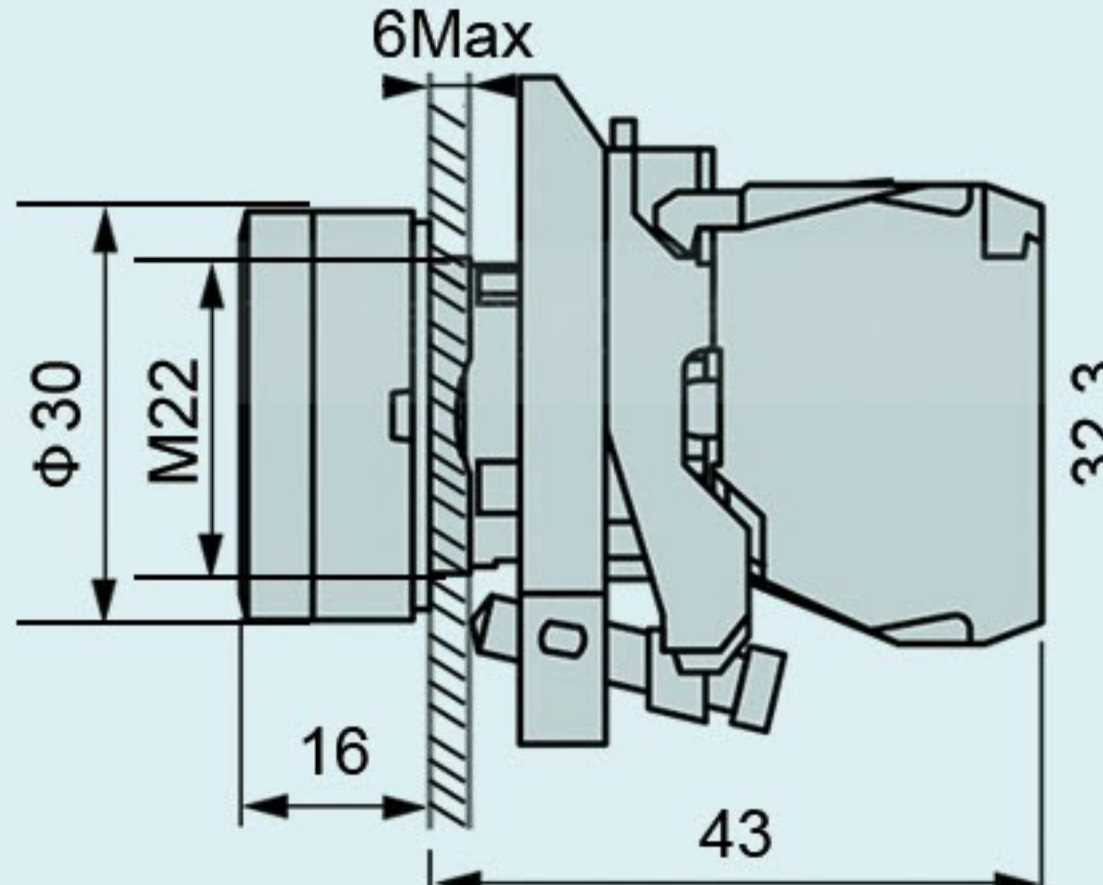
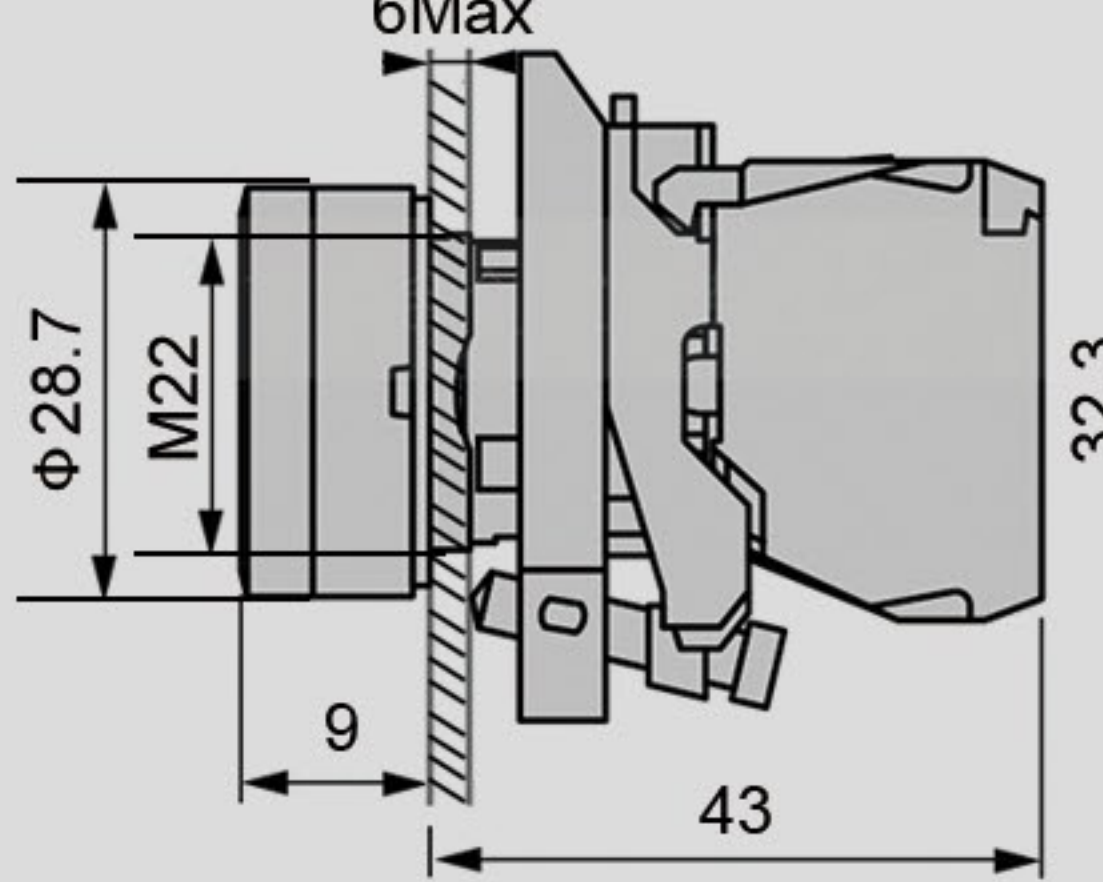
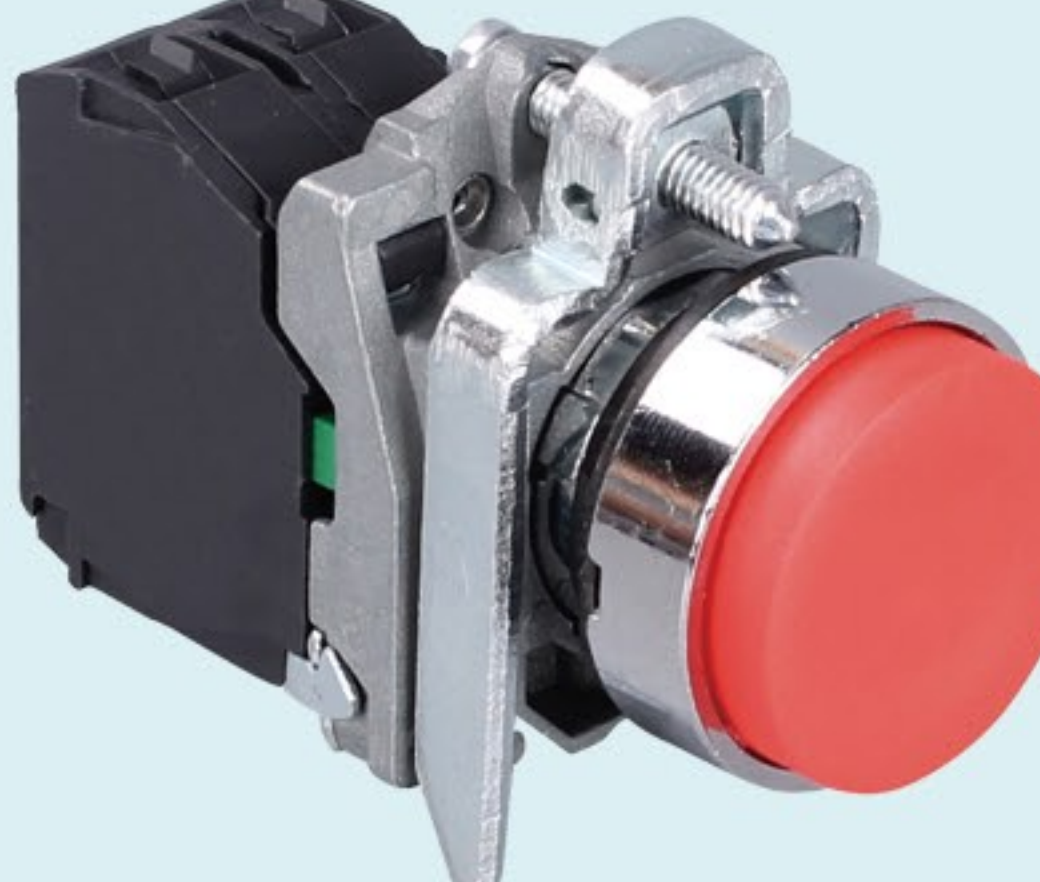
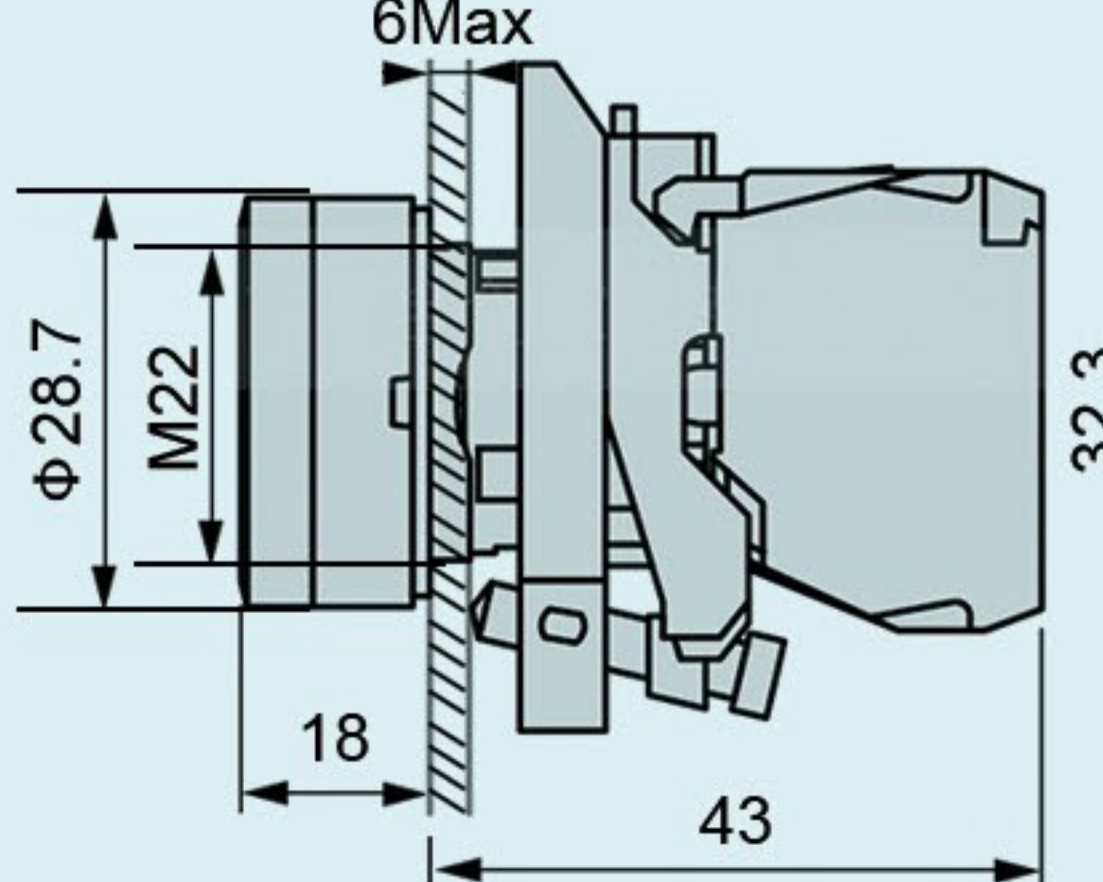
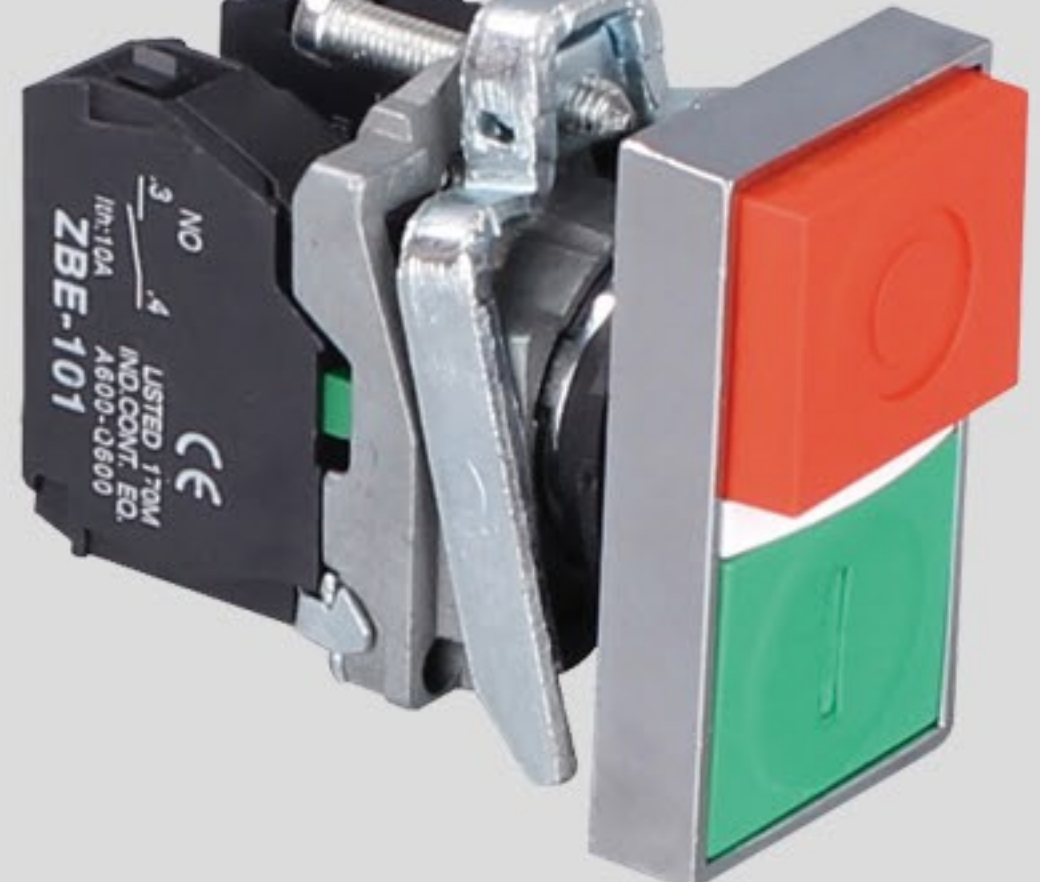
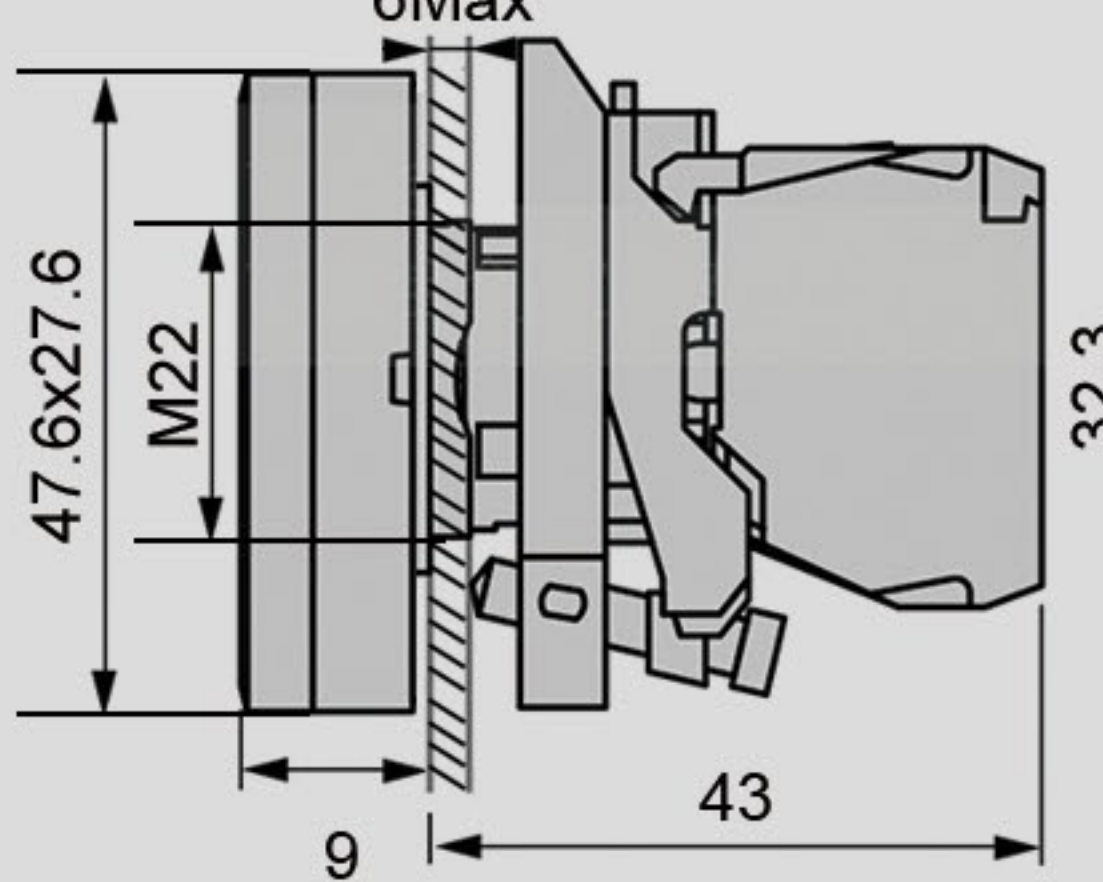
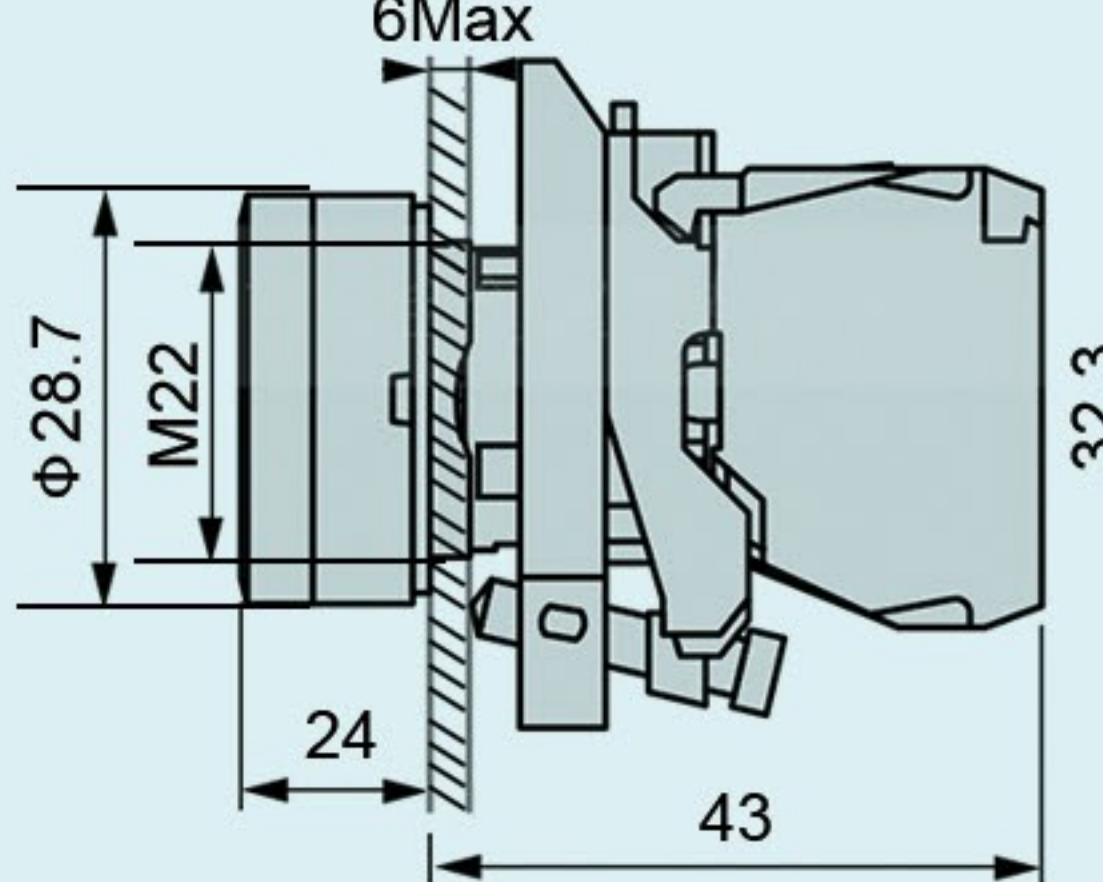
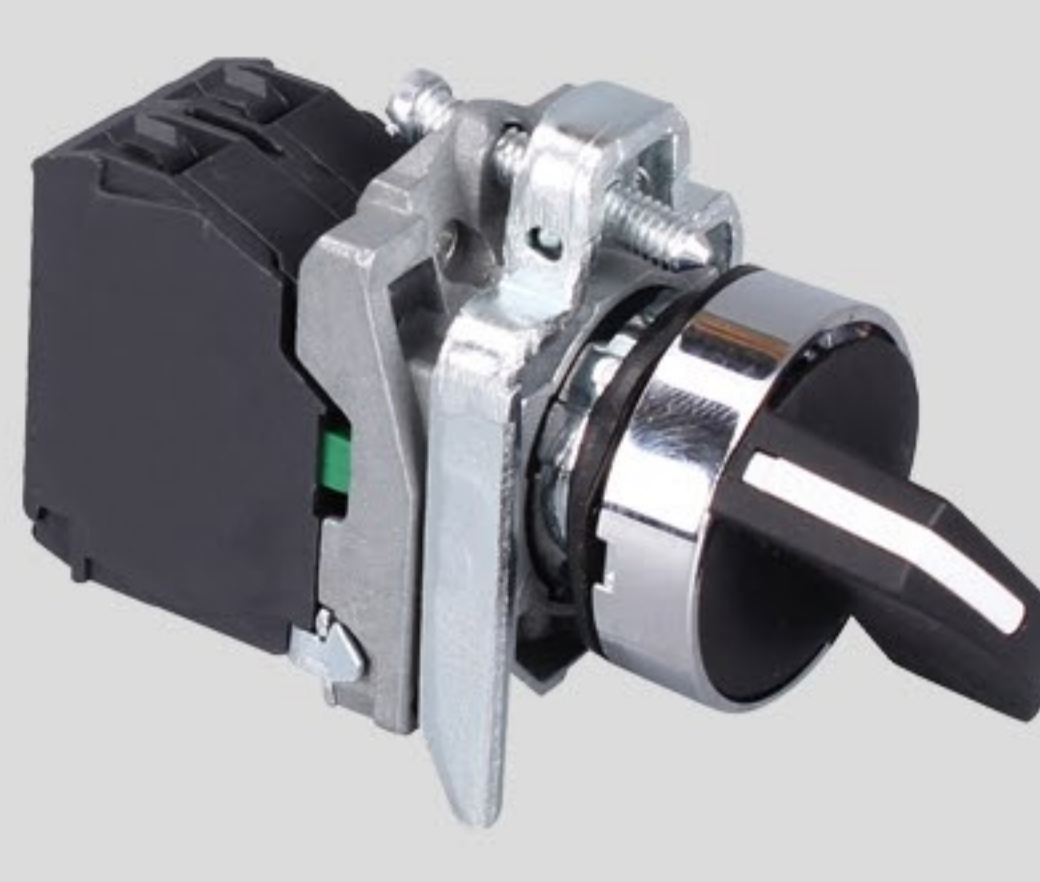
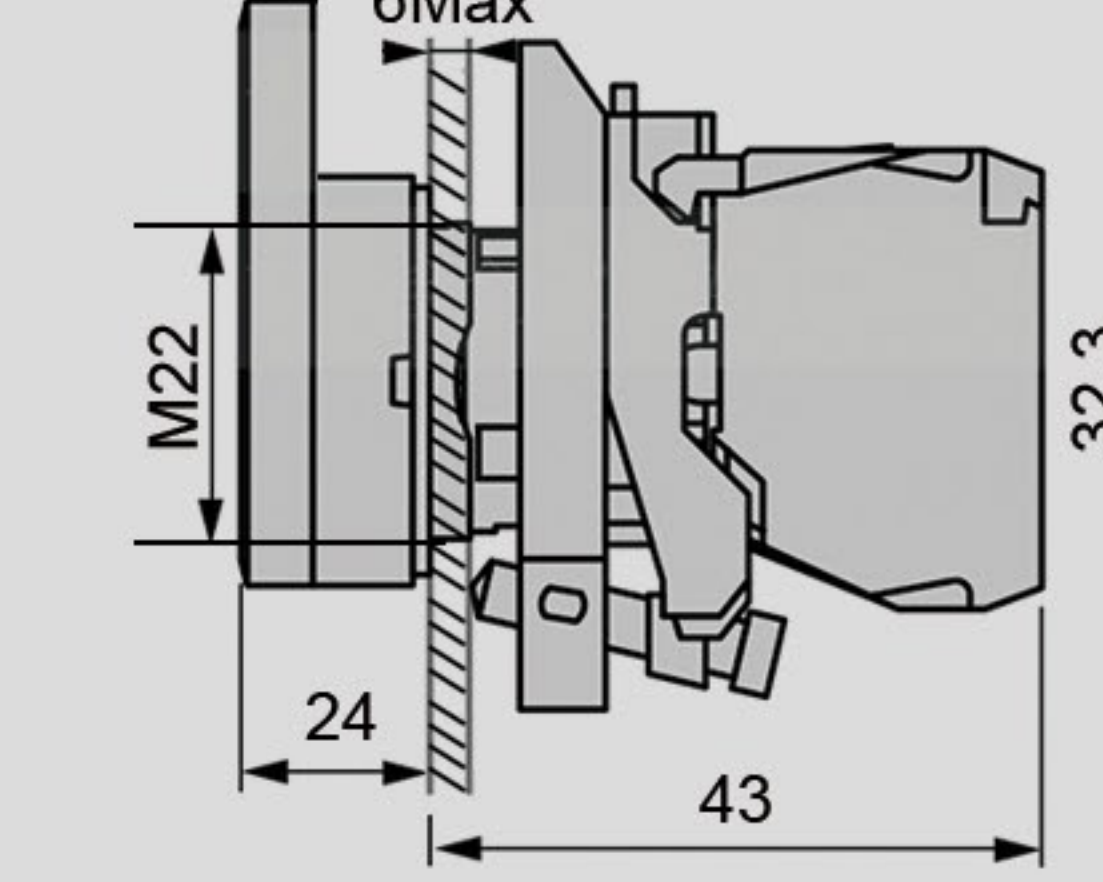
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳：锌合金 / 触点外壳：塑料 Head shell: Kirsite / Contact shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	平钮 Flush button Spring return	HB4-BA42	● 红色 Red	NC	
		HB4-BA11	● 白色 White	NO	
		HB4-BA21	● 黑色 Black		
		HB4-BA31	● 绿色 Green		
		HB4-BA51	● 黄色 Yellow		
		HB4-BA61	● 蓝色 Blue		
	蘑菇钮自复 φ 40 Mushroom head Spring return	HB4-BC42	● 红色 Red	NC	
		HB4-BC21	● 黑色 Black	NO	
		HB4-BC31	● 绿色 Green		
		HB4-BC51	● 黄色 Yellow		
	蘑菇钮自复 φ 60 Mushroom head Spring return	HB4-BR42	● 红色 Red	NC	
		HB4-BR21	● 黑色 Black	NO	
		HB4-BR31	● 绿色 Green		
		HB4-BR51	● 黄色 Yellow		
	蘑菇钮自锁 Mushroom head Turn to release	HB4-BS442 φ 30 HB4-BS442 φ 40	● 红色 Red	NC	
	蘑菇钮钥匙自锁 Mushroom head with key release	HB4-BS142 φ 40	● 红色 Red	NC	
	推拉式 Mushroom head push-pull	HB4-BT42 φ 40	● 红色 Red	NC	

HB4系列按钮开关

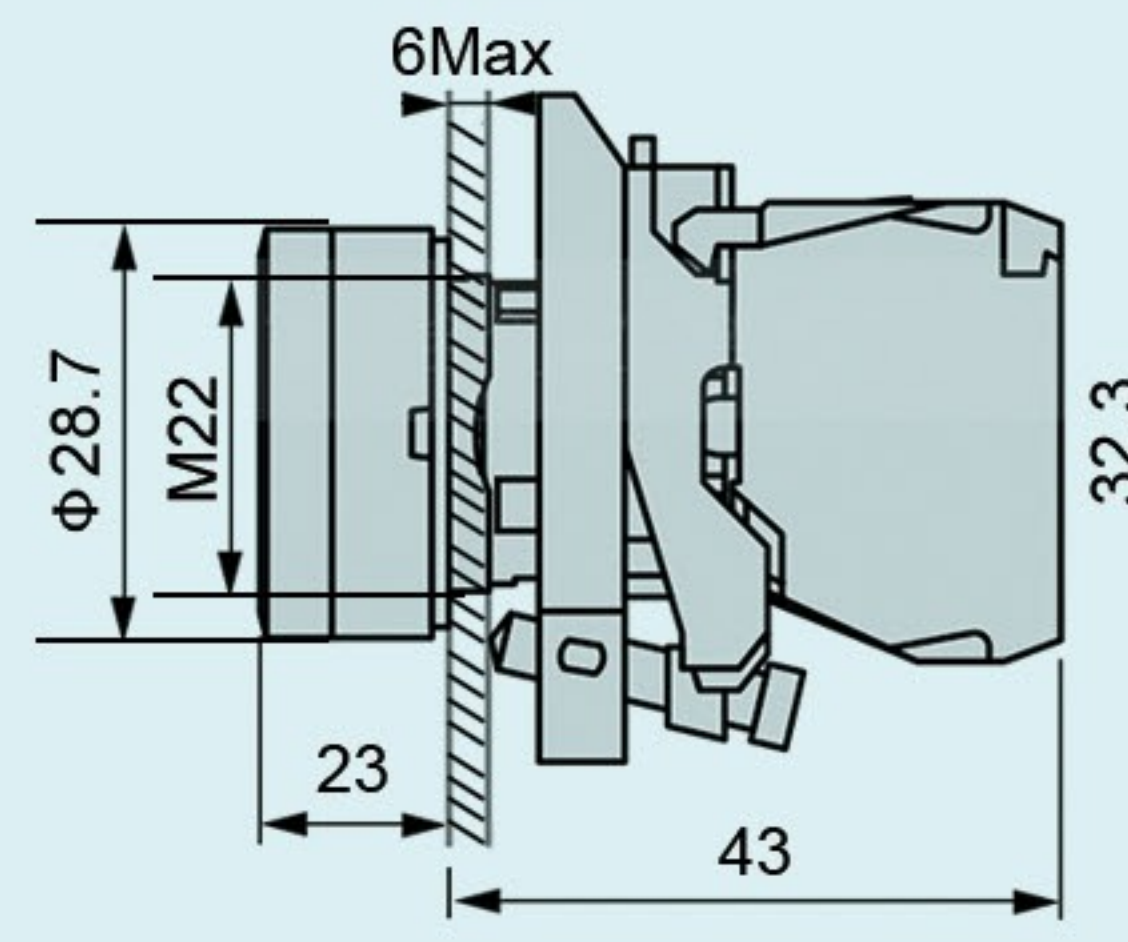
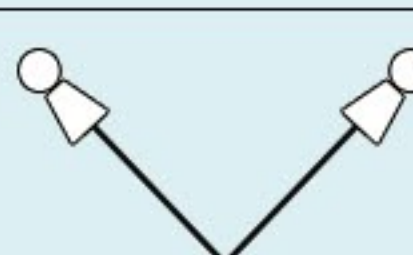
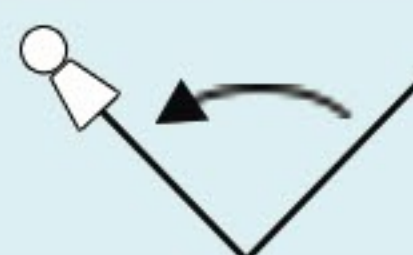
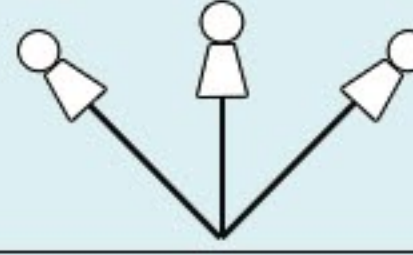
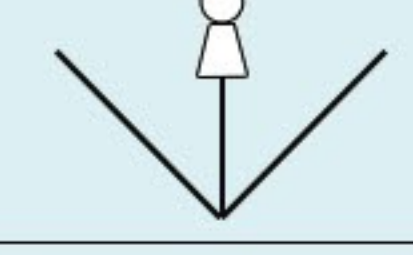
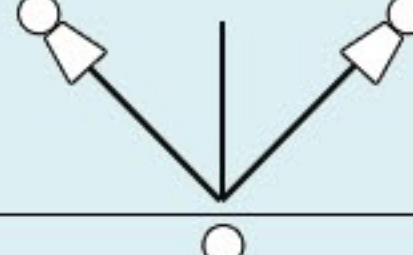
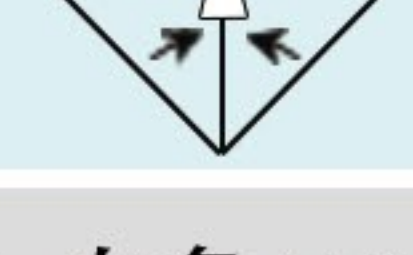
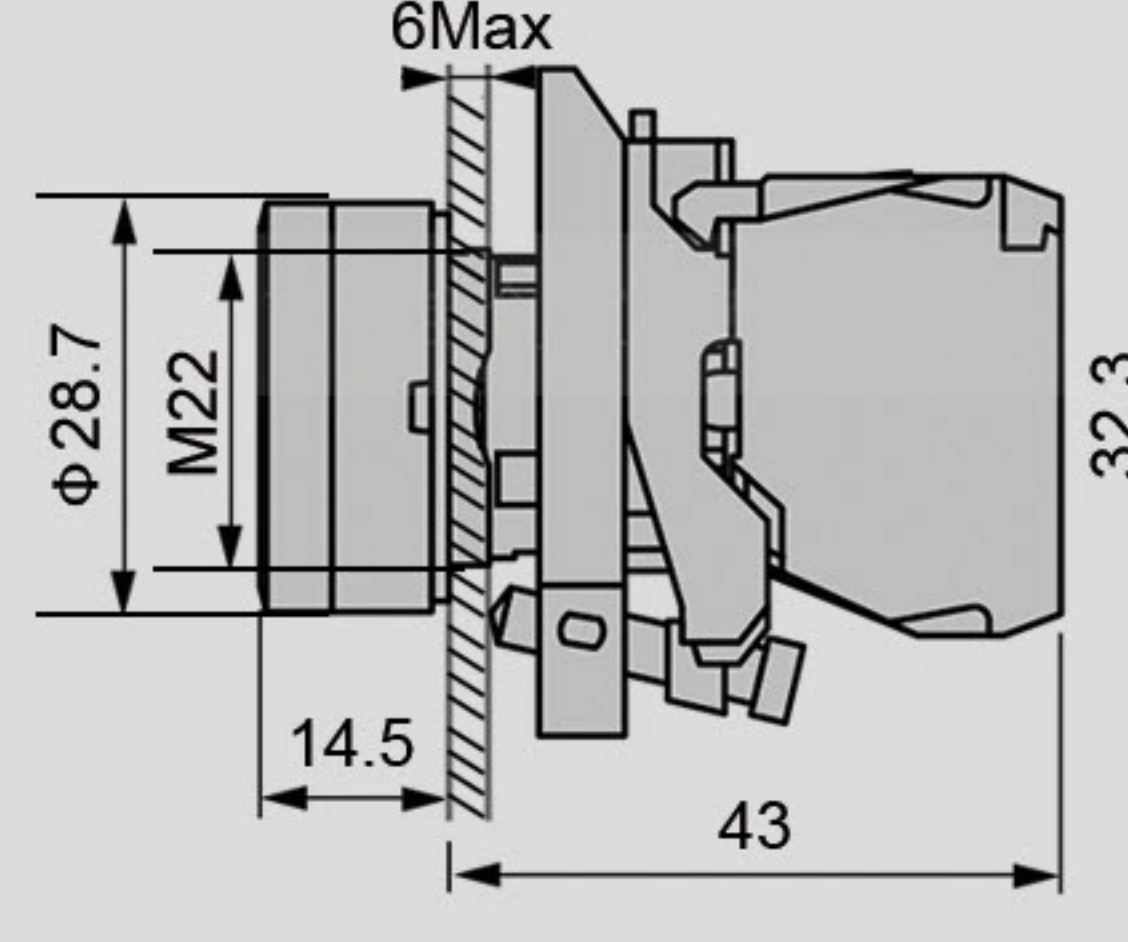
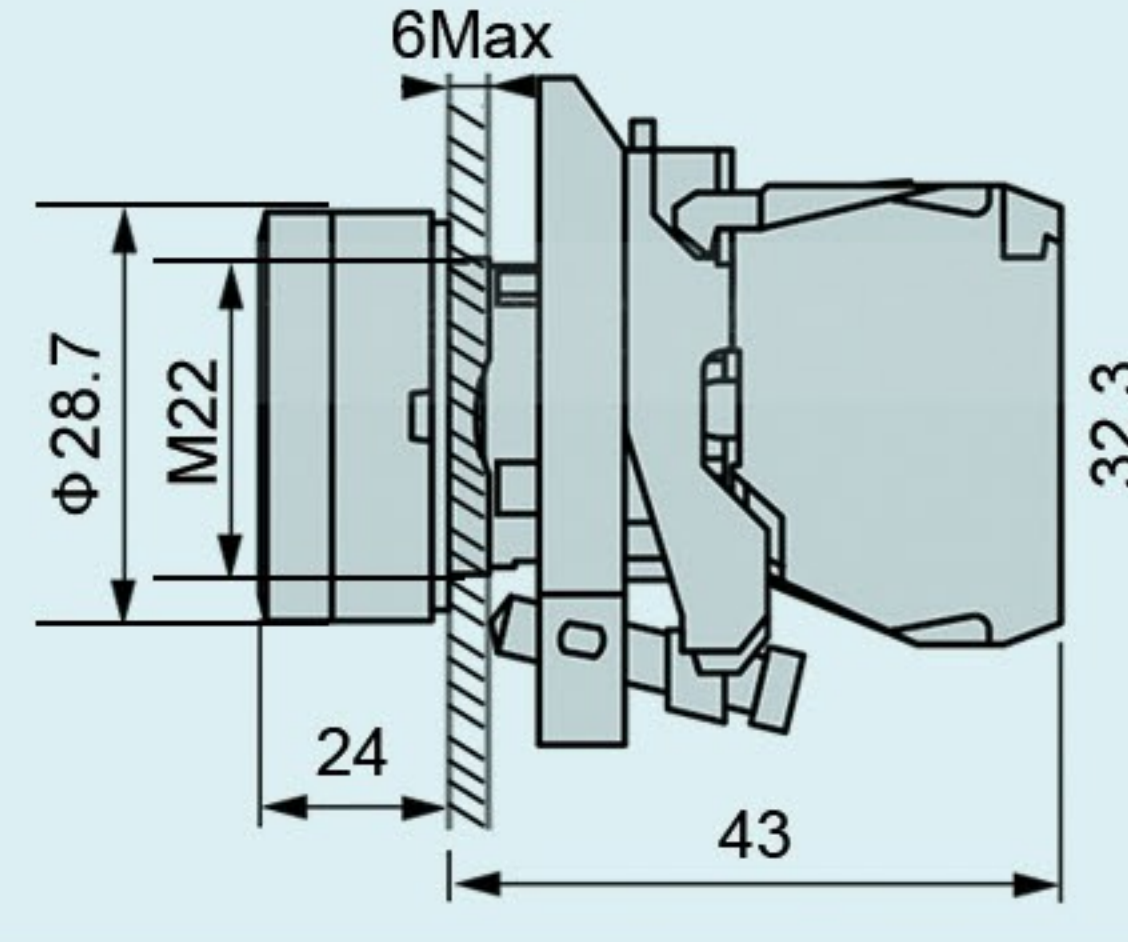
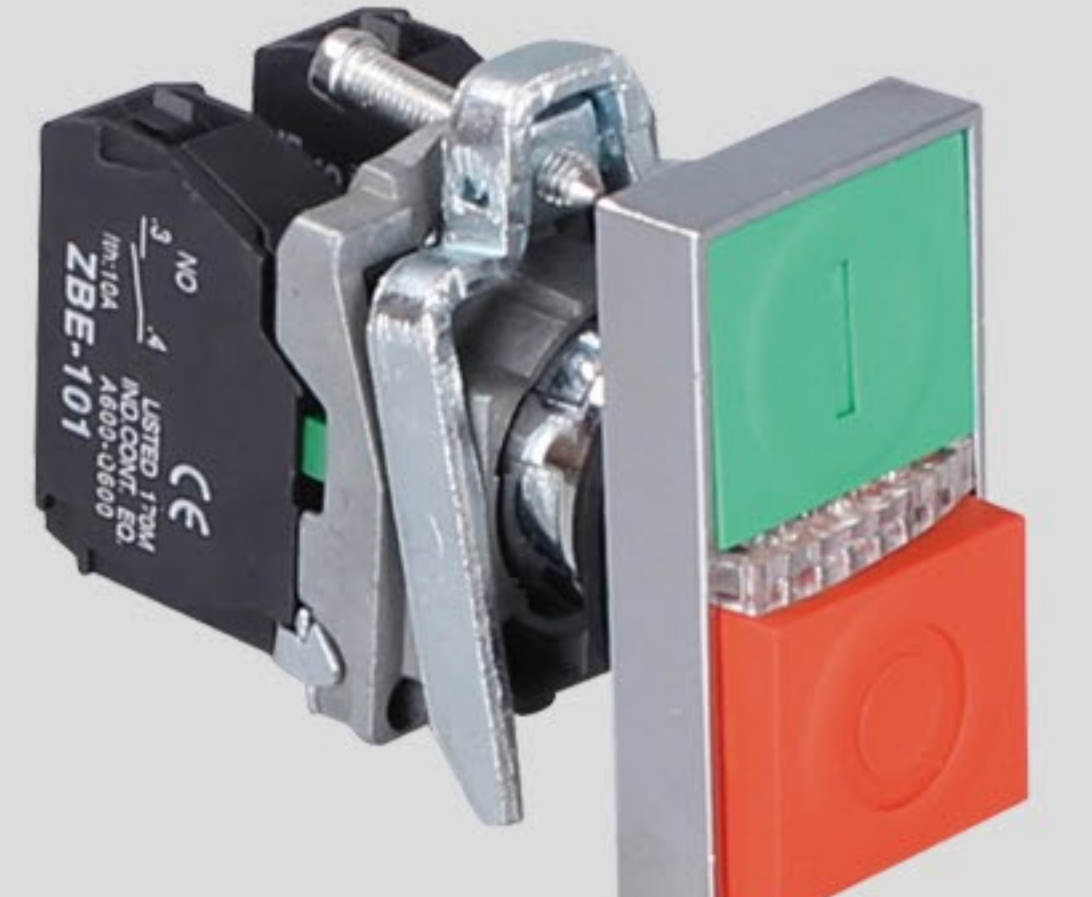
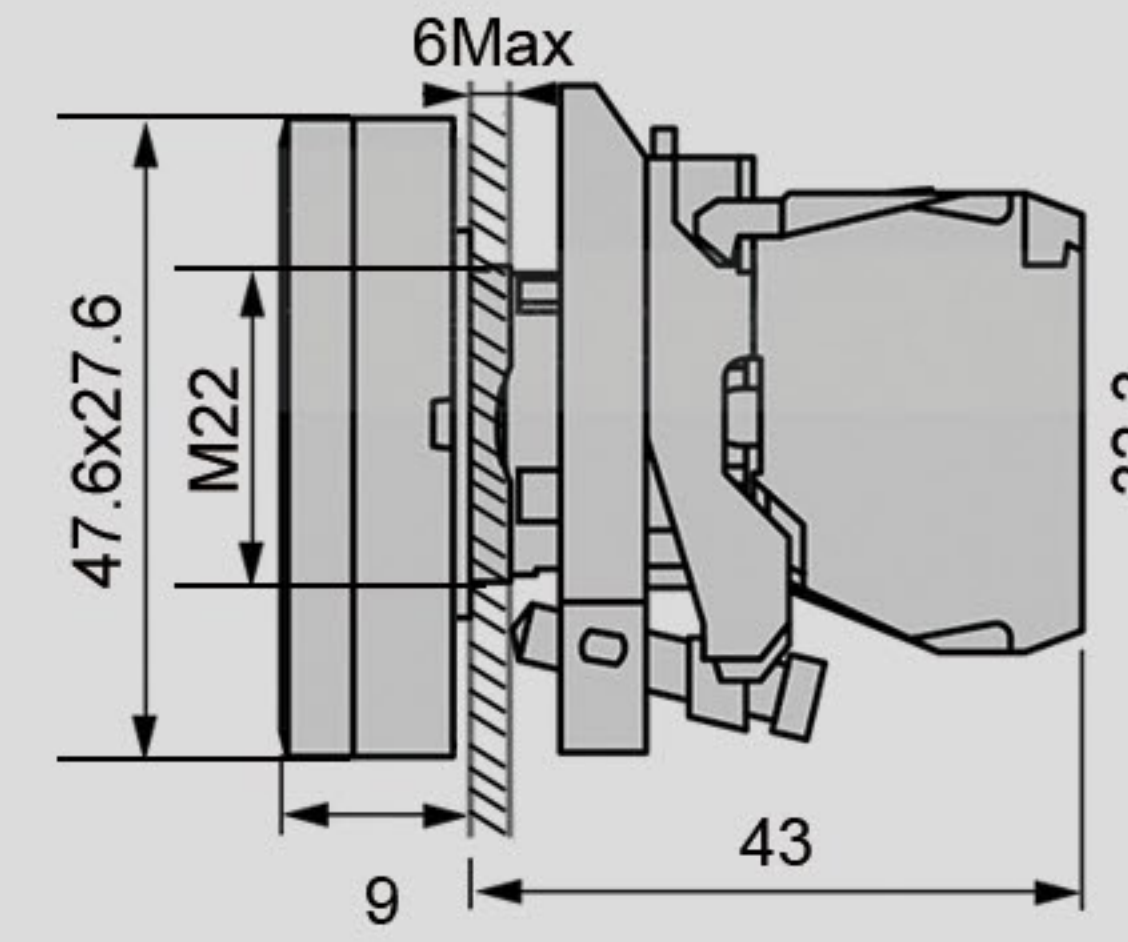
HB4 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V	 外壳材料 COLOR	头部外壳： 锌合金 / 触点外壳： 塑料 Head shell: Kirsite / Contact shell: Plastic
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	防水式 Flush button with waterproof cover	HB4-BP42	● 红色 Red	NC	
		HB4-BP11	● 白色 White	NO	
		HB4-BP21	● 黑色 Black		
		HB4-BP31	● 绿色 Green		
		HB4-BP51	● 黄色 Yellow		
		HB4-BP61	● 蓝色 Blue		
	带标记 Flush button Spring return with mark	HB4-BA4322	○ 红色 Red	NC	
		HB4-BA4342	● STOP 绿色 Green	NO	
		HB4-BA3311	● I 白色 White		
		HB4-BA3341	● ↑ 黑色 Black		
		HB4-BA3351	● ↓ 黄色 Yellow		
		HB4-BA3331	● START 蓝色 Blue		
	高纽 Raised button Spring return	HB4-BL42	● 红色 Red	NC	
		HB4-BL11	● 白色 White	NO	
		HB4-BL21	● 黑色 Black		
		HB4-BL31	● 绿色 Green		
		HB4-BL51	● 黄色 Yellow		
		HB4-BL61	● 蓝色 Blue		
	双钮 Double headed button spring return	HB4-BL8325		NO+NC	
		HB4-BL8425		NO+NC	
	二位锁定 2-position stay put	HB4-BD21		NO	
		HB4-BD25		NO+NC	
	二位自复 2-position reset	HB4-BD41		NO	
		HB4-BD45		NO+NC	
	三位锁定 3-position stay put	HB4-BD33		2NO	
	三位自复 3-position reset	HB4-BD53		2NO	
	二位锁定 2-position stay put	HB4-BJ21		NO	
		HB4-BJ25		NO+NC	
	二位自复 2-position reset	HB4-BJ41		NO	
		HB4-BJ45		NO+NC	
	三位锁定 3-position stay put	HB4-BJ33		2NO	
	三位自复 3-position reset	HB4-BJ53		2NO	

HB4 系列 按钮 开关 HB4 Button Switch

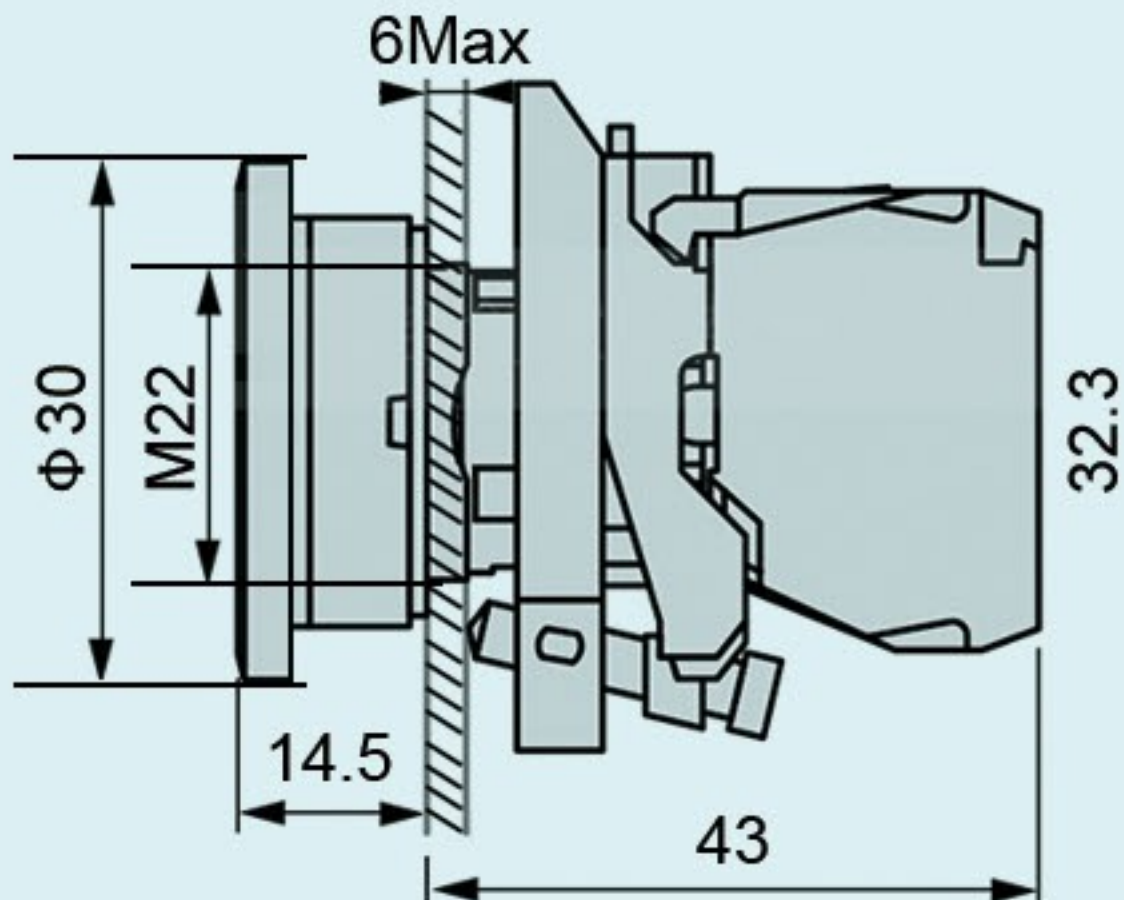
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳: 锌合金 / 触点外壳: 塑料 Head shell: Kirsite / Contact shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione	
	二位钥匙锁定 2-position with key stay put	HB4-BG21		NO		
		HB4-BG25		NO+NC		
		HB4-BG41		NO		
		HB4-BG45		NO+NC		
	二位钥匙自复 2-position with key reset	HB4-BG61		NO		
		HB4-BG65		NO+NC		
	三位钥匙锁定 3-position with key stay put	HB4-BG03		2NO		
		HB4-BG33		2NO		
		HB4-BG53		2NO		
	三位钥匙自复 3-position with key reset	HB4-BG73		2NO		
	带灯式 Illuminated button with Neon or LED 6-380V	HB4-BW3165		NO+NC		
		HB4-BW3365				
		HB4-BW3465				
		HB4-BW3565				
		HB4-BW3665				
	带灯式 Illuminated button with LED	HB4-BW33B5		NO+NC 24V		
		HB4-BW34B5		NO+NC 110V		
		HB4-BW35B5		NO+NC 220V		
	带灯式 Illuminated button with LED	HB4-BW33G5		NO+NC		
		HB4-BW34G5				
		HB4-BW35G5				
	二位旋钮带灯 Illuminated 2-position button with LED 6-220V	HB4-BK1235		NO+NC		
		HB4-BK1245				
		HB4-BK1255				
		HB4-BK1265				
	三位旋钮带灯 Illuminated 3-position button with LED 6-220V	HB4-BK1335		NO+NC		
		HB4-BK1345				
		HB4-BK1355				
		HB4-BK1365				
	双钮直接式带灯 Illuminated button-headed button with Neon or LED 6-380V	HB4-BW8365		NO+NC		
		HB4-BW8465				

HB4 系列按钮开关

HB4 Button Switch

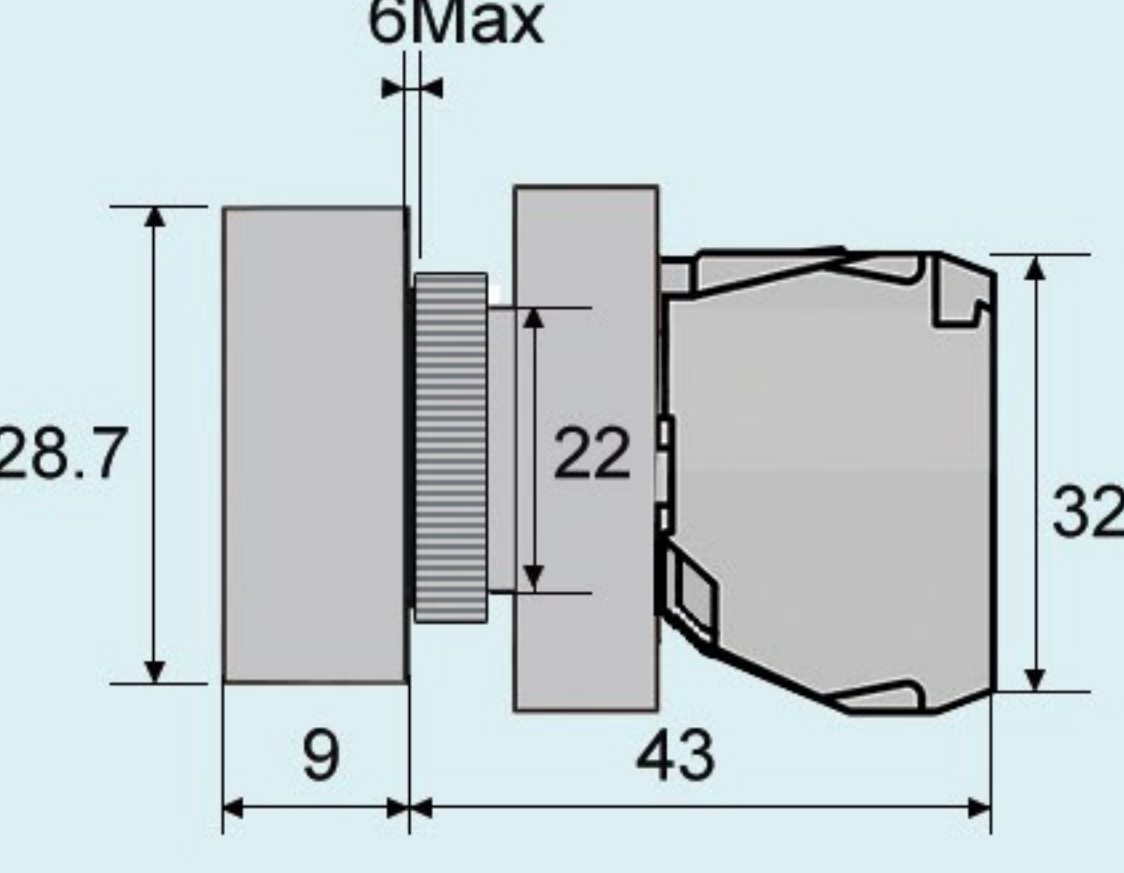
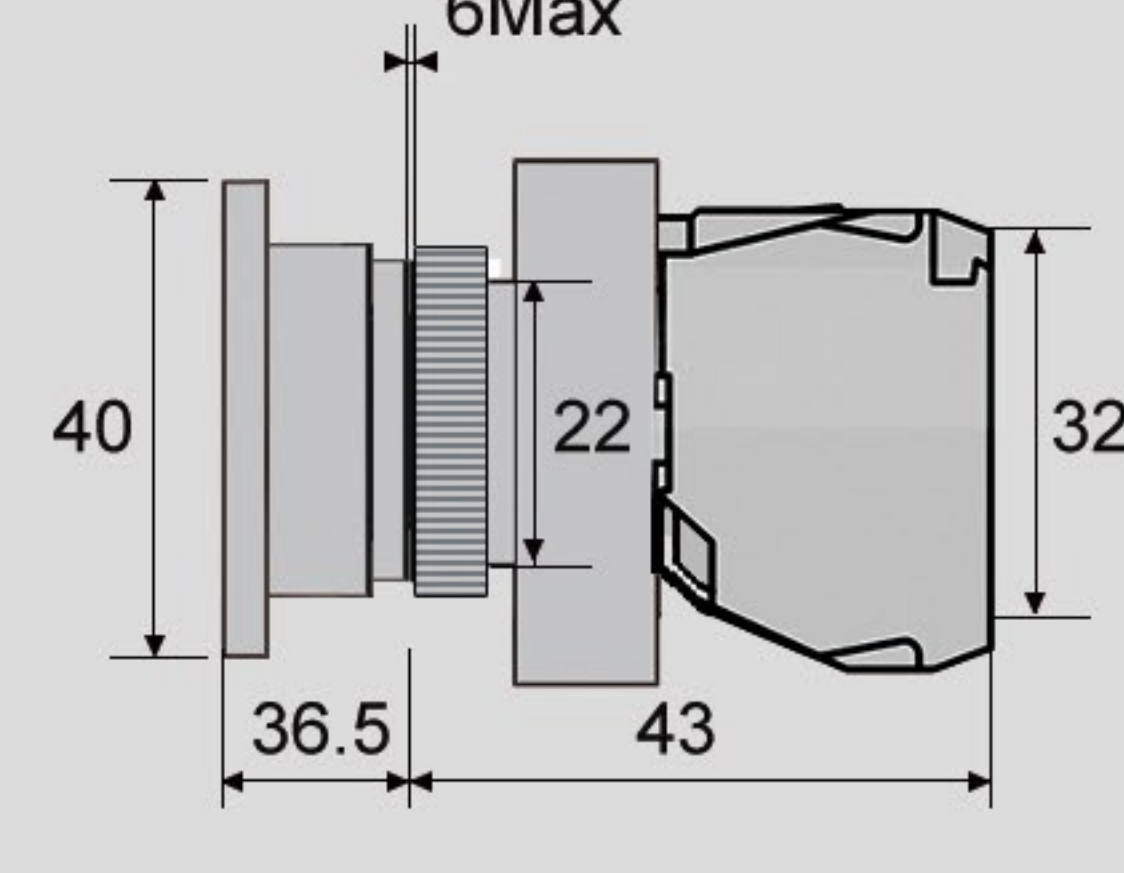
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳：锌合金 / 触点外壳：塑料 Head shell: Kirsite / Contact shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	直接式指示灯 Indicator light Neon	HB4-BV61	白色 White	6-380V	
		HB4-BV63	绿色 Green		
		HB4-BV64	红色 Red		
		HB4-BV65	黄色 Yellow		
		HB4-BV66	蓝色 Blue		
	直接式指示灯 Indicator light With LED	HB4-BVB3	白色 White	24V	
		HB4-BVB4	绿色 Green	110V	
		HB4-BVB5	红色 Red		
		HB4-BVG3	黄色 Yellow	220V	
		HB4-BVG4	蓝色 Blue		
HB4-BVG5					
HB4-BVM3					
HB4-BVM4					
HB4-BVM5					

HB5 系列按钮开关

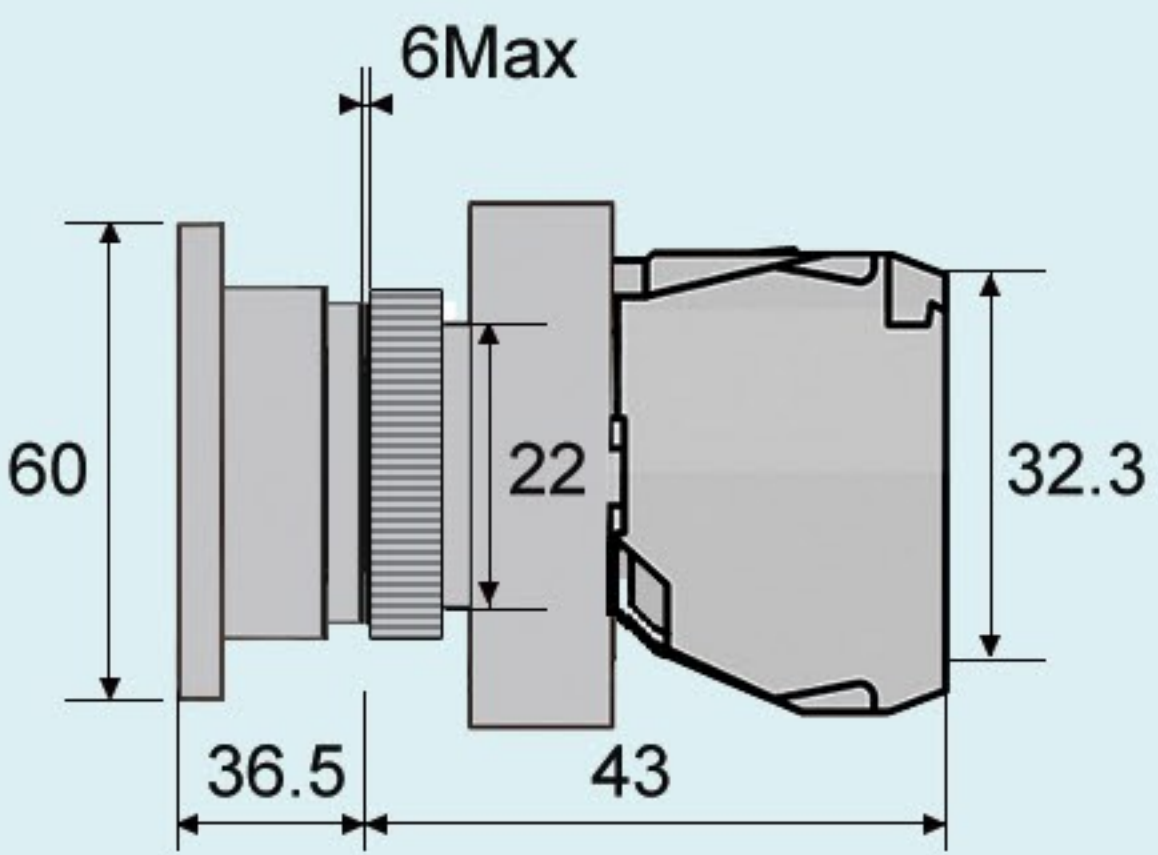
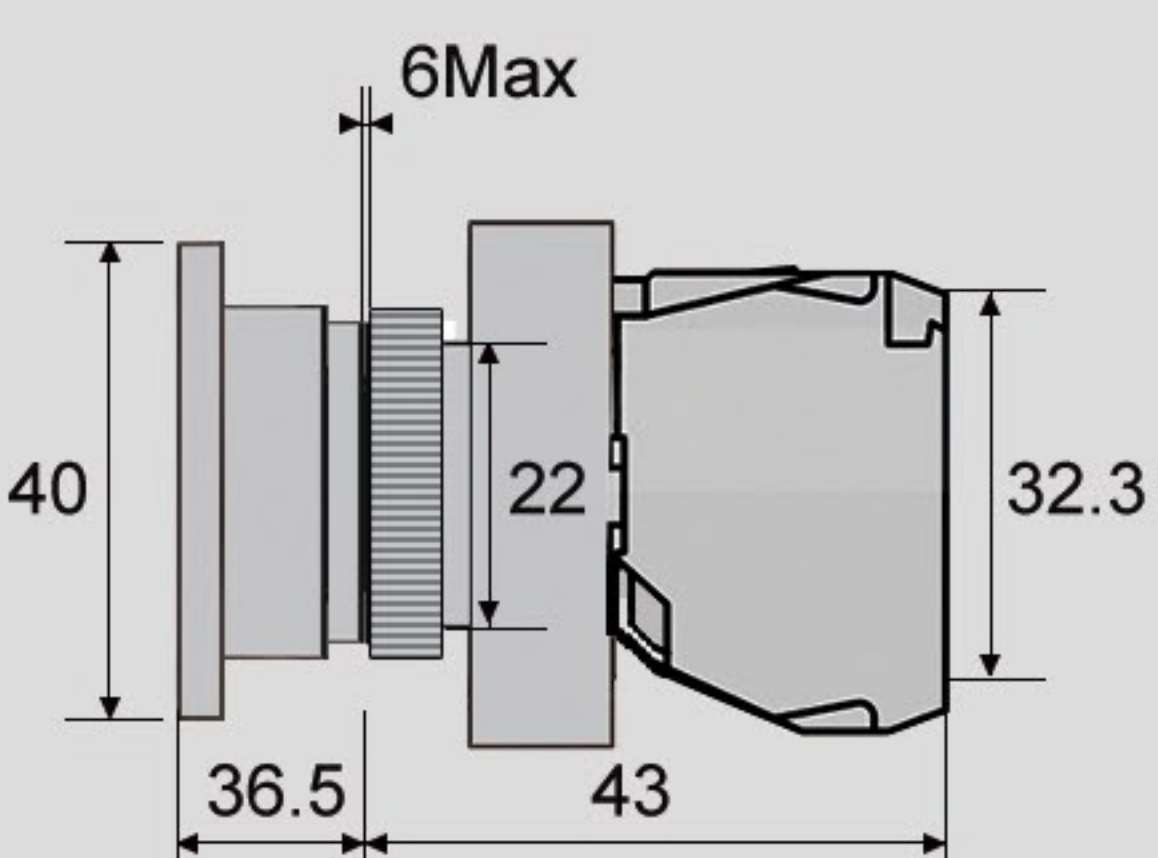
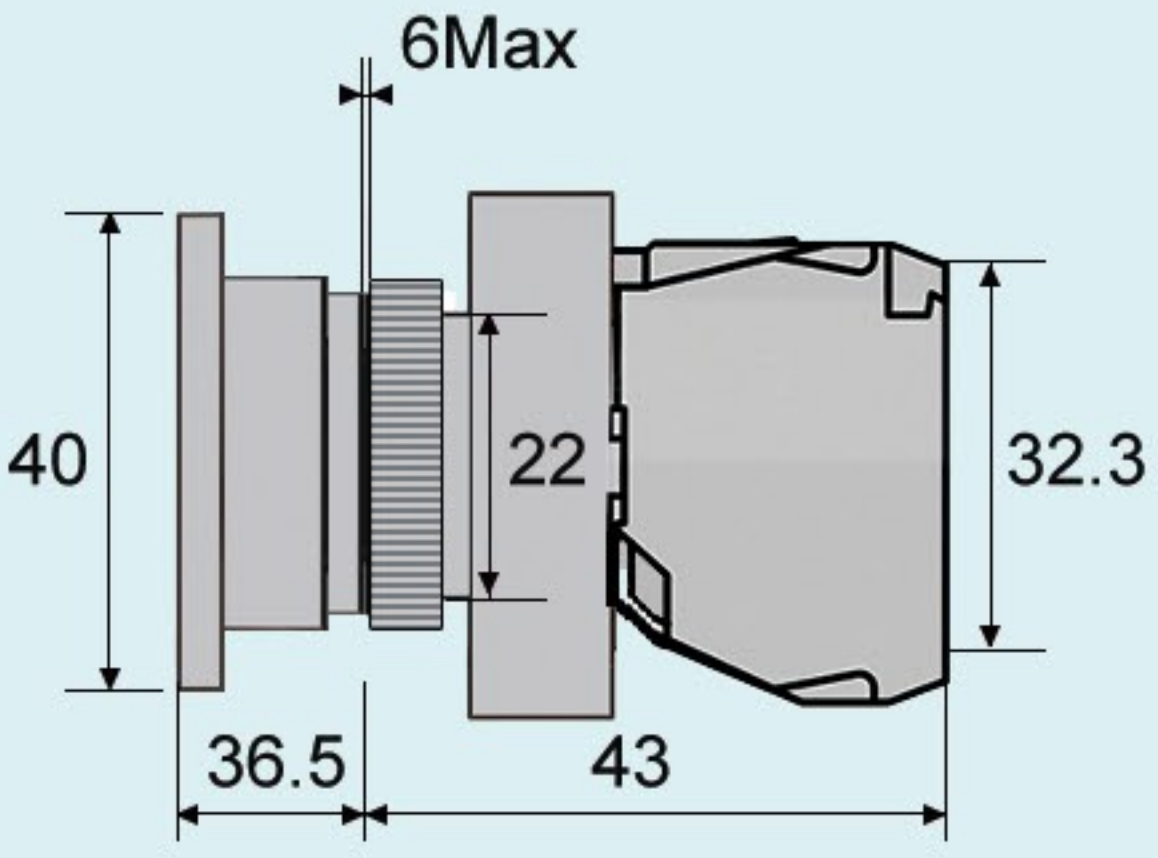
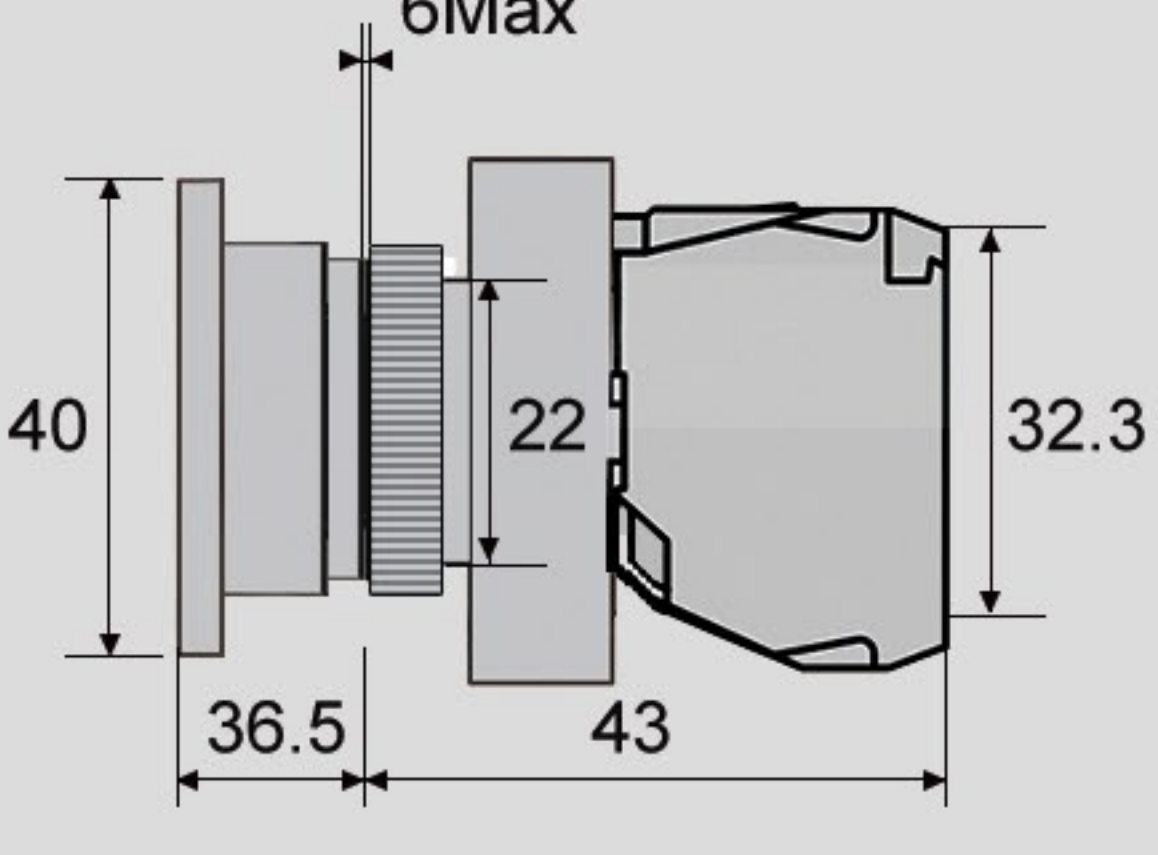
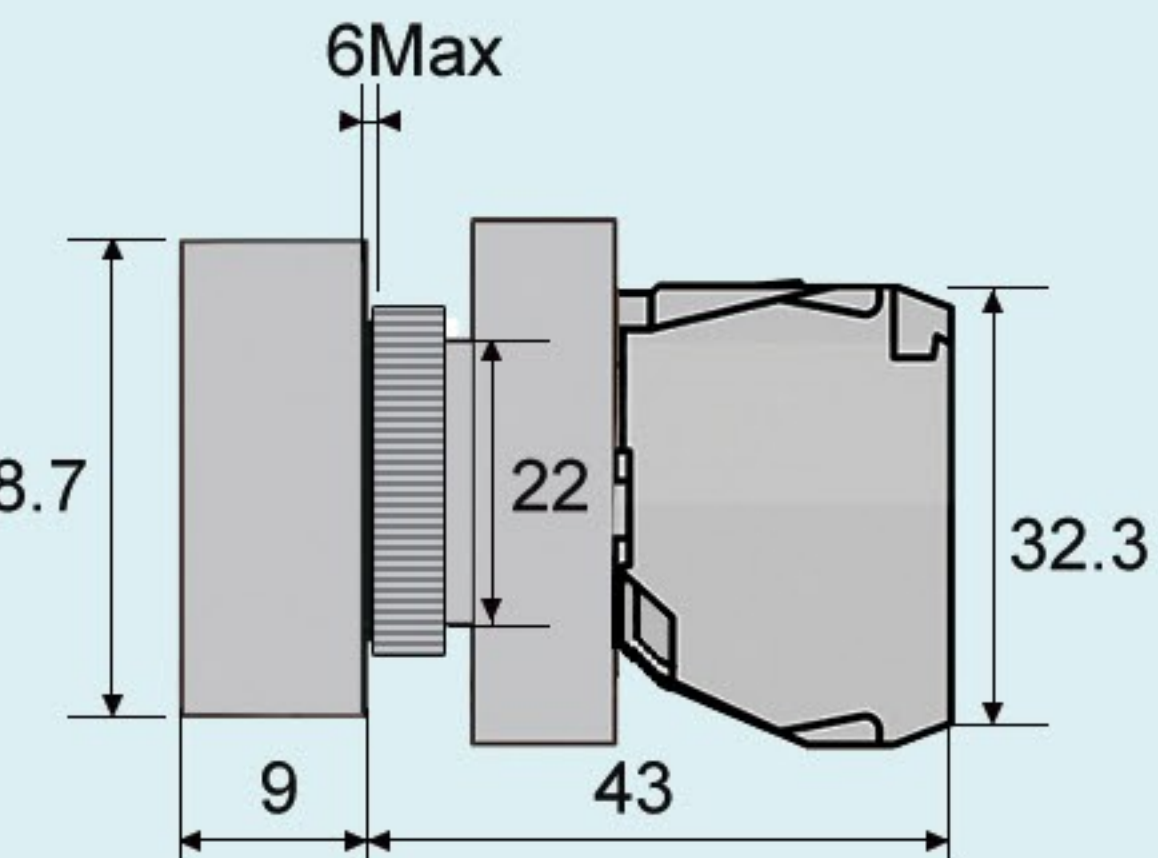
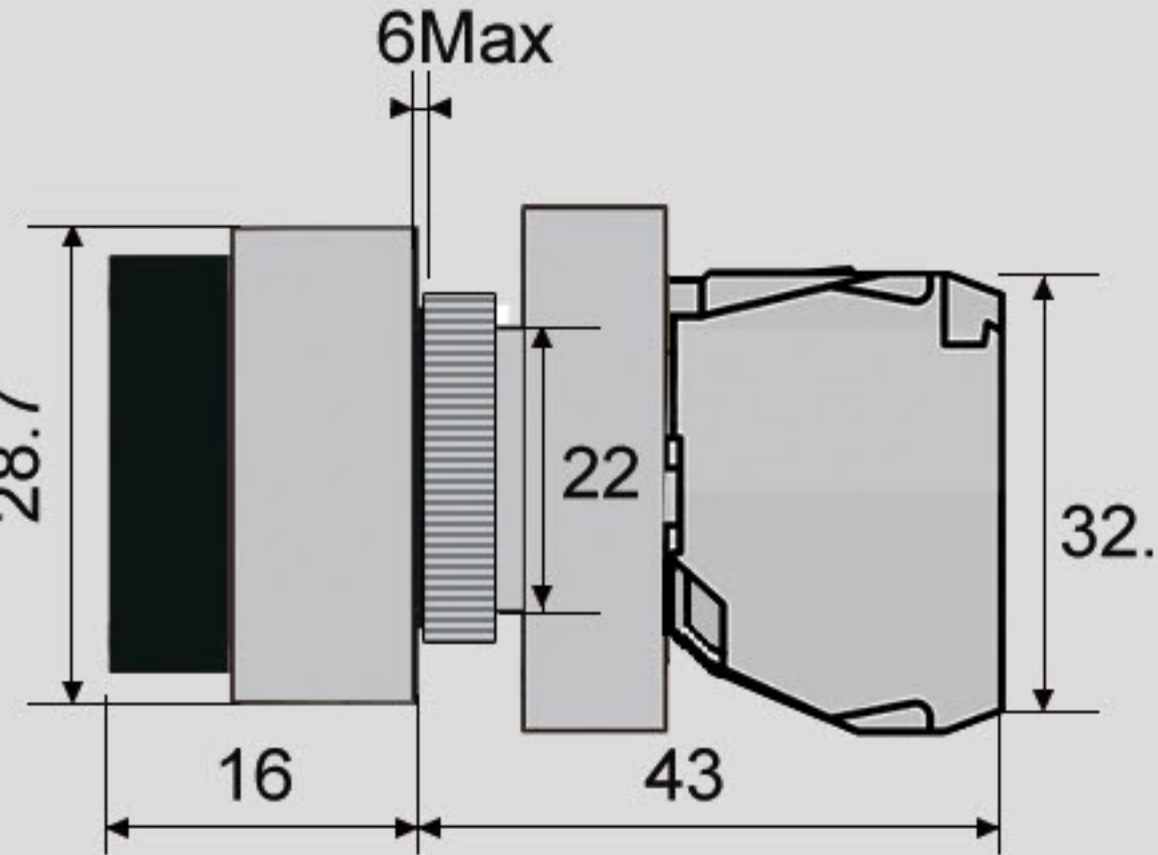
HB5 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	外壳：塑料 Shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	平钮自复 Flush button Spring return	HB5-AA42	 红色 Red	NC	
		HB5-AA11	 白色 White	NO	
		HB5-AA21	 黑色 Black		
		HB5-AA31	 绿色 Green		
		HB5-AA51	 黄色 Yellow		
		HB5-AA61	 蓝色 Blue		
	蘑菇钮自复 Φ 40 Mushroom head Spring return Φ 40	HB5-AC42	 红色 Red	NC	
		HB5-AC21	 黑色 Black	NO	
		HB5-AC31	 绿色 Green		
		HB5-AC51	 黄色 Yellow		

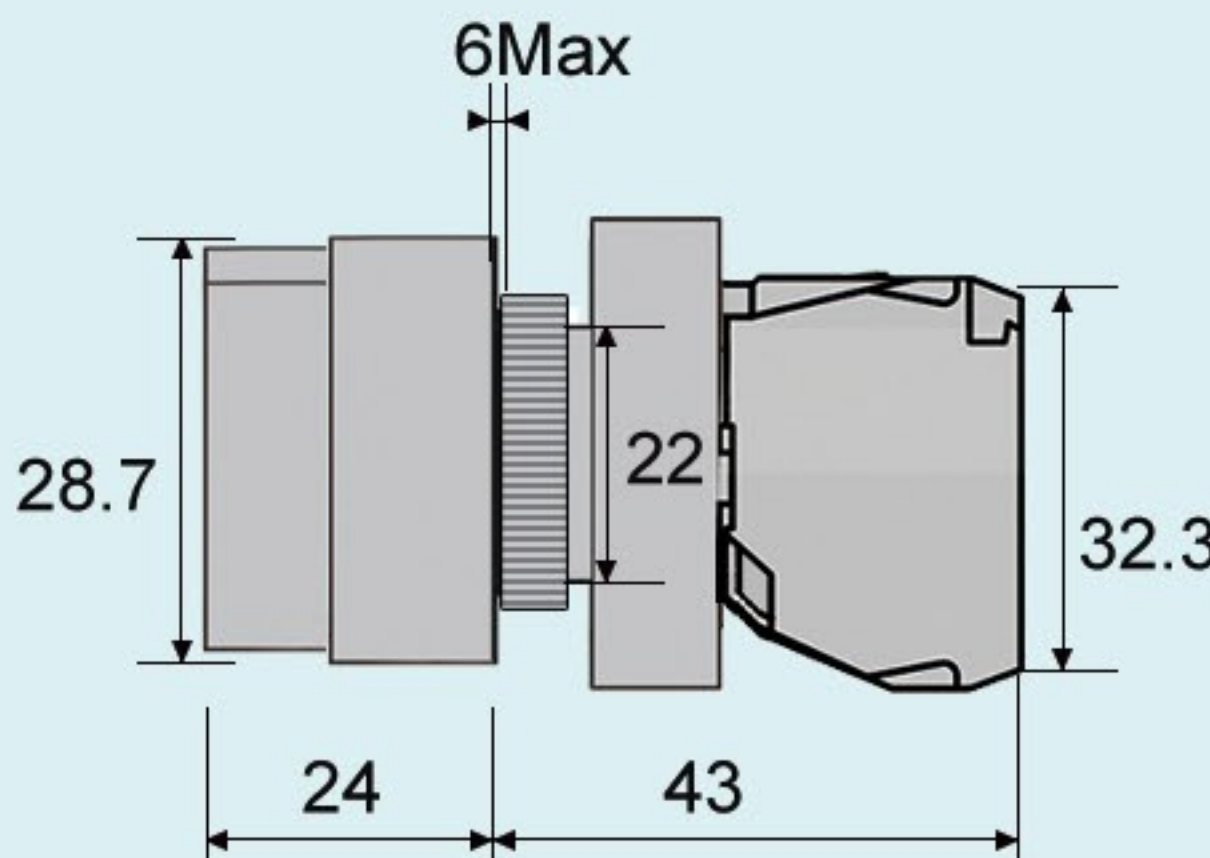
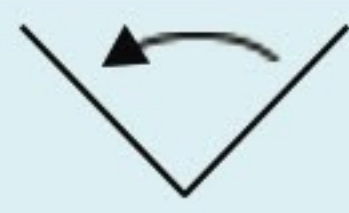
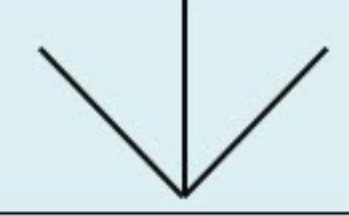
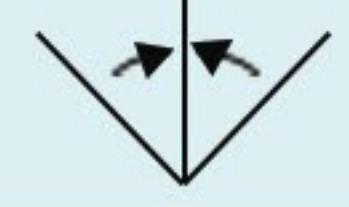
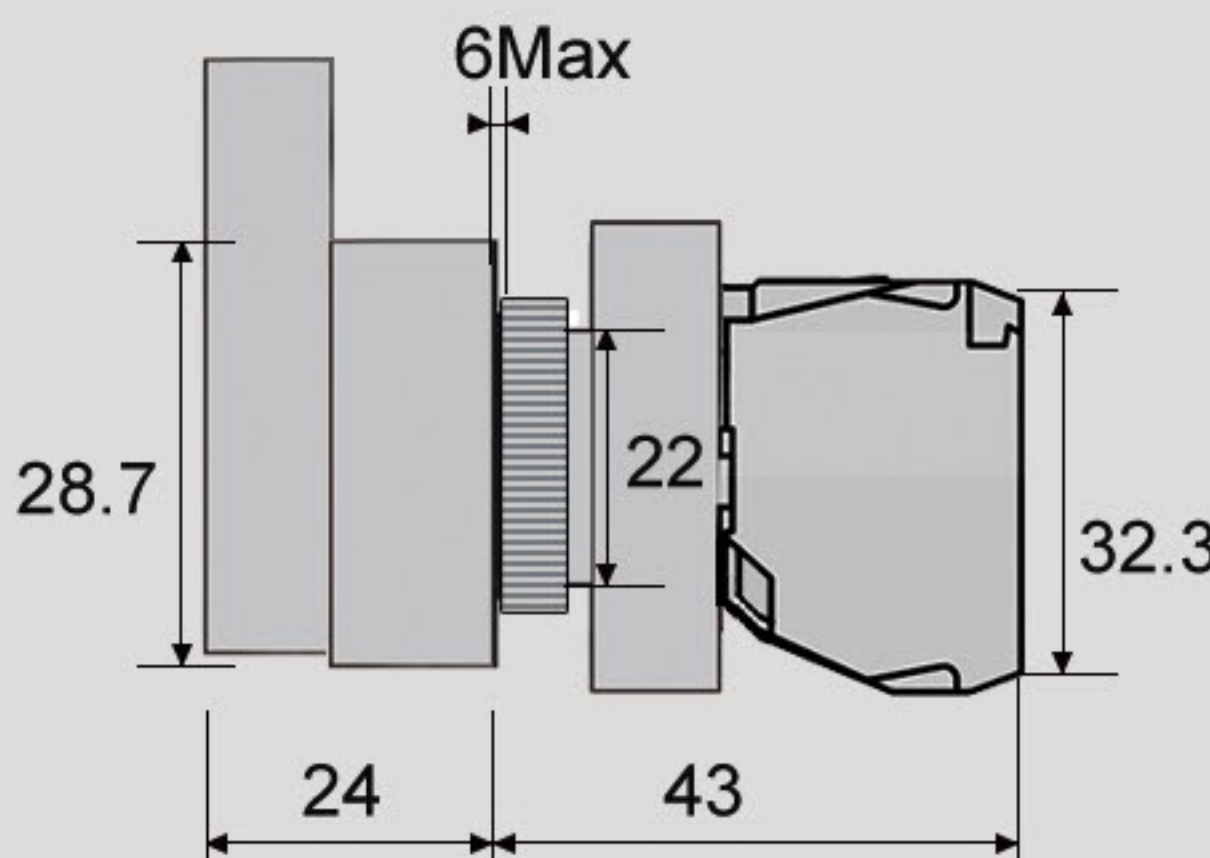
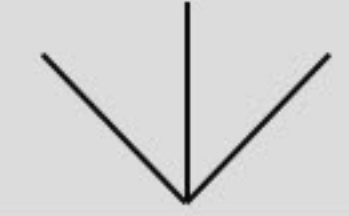
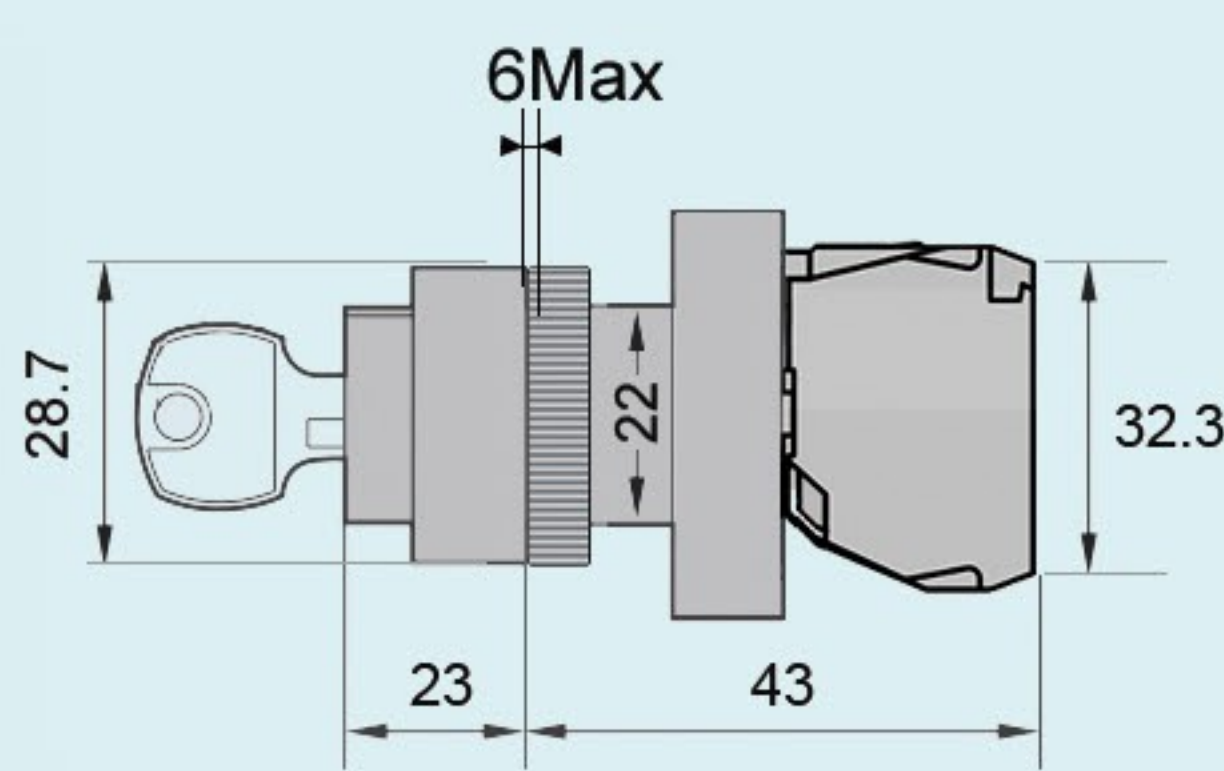
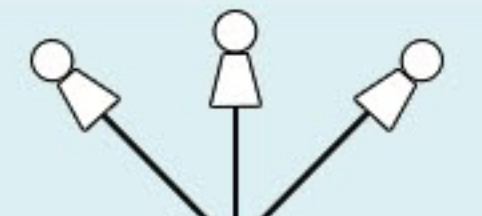
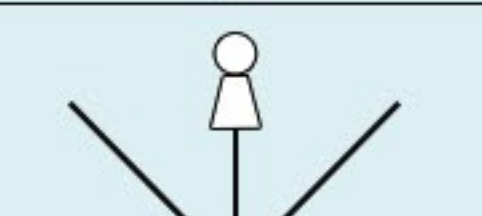
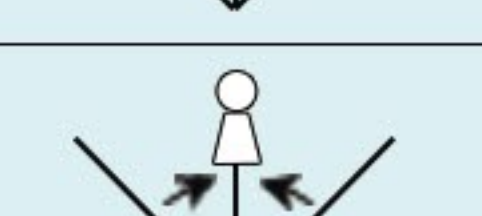
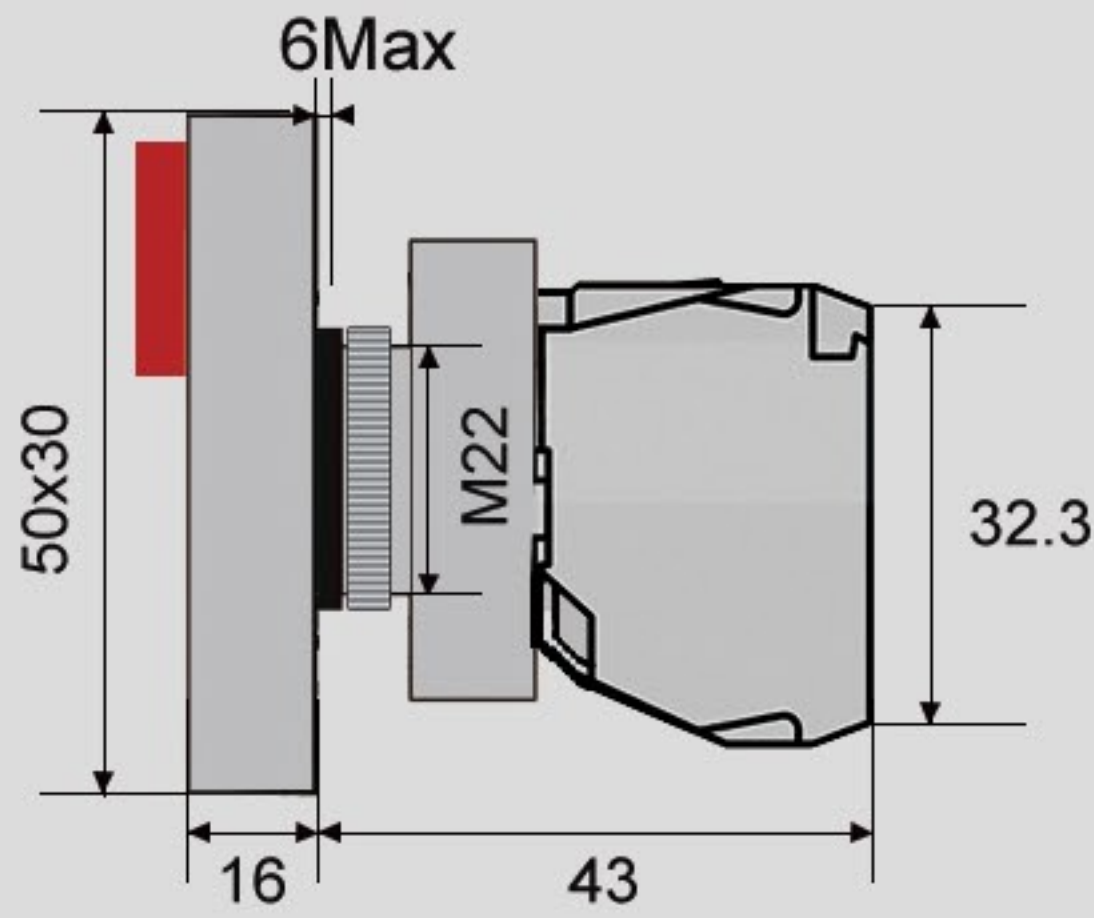
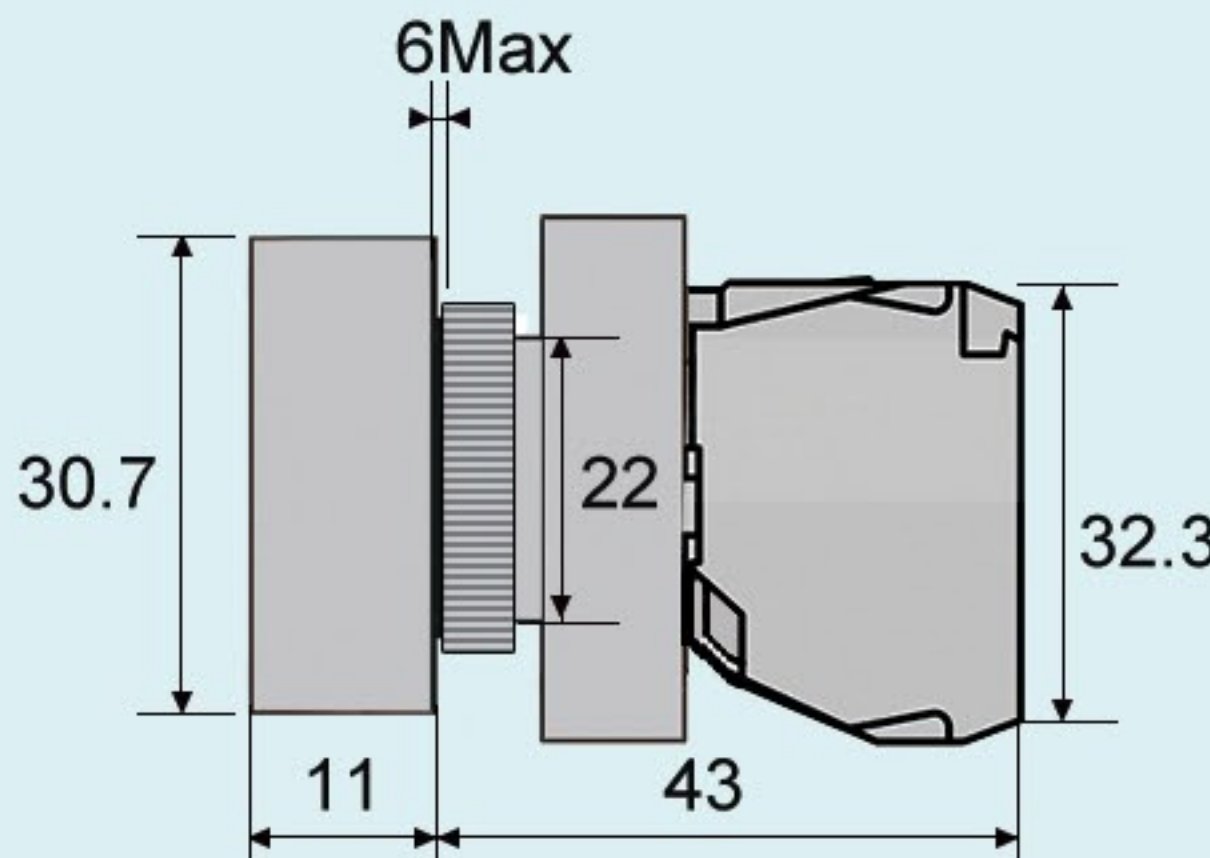
HB5 系列 按钮 开关 HB5 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳：塑料 / 触点外壳：塑料 Head shell: Plastic / Contact shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	蘑菇钮自复 Φ 60 Mushroom head Spring return	HB5-AR42	● 红色 Red	NC	
		HB5-AR21 HB5-AR31 HB5-AR51	● 黑色 Black ● 绿色 Green ● 黄色 Yellow	NO	
	蘑菇钮自锁 Mushroom head Turn to release	HB5-AS442 Φ 30 HB5-AS442 Φ 40	● 红色 Red	NC	
	蘑菇钮钥匙自锁 Mushroom head with key release	HB5-AS142 Φ 40	● 红色 Red	NC	
	推拉式 Mushroom head push-pull	HB5-AT42 Φ 40	● 红色 Red	NC	
	带标记 Flush button Spring return with mark	HB5-AA4322 HB5-AA4342	○ 红色 O ● 红色 STOP	NC	
		HB5-AA3311 HB5-AA3341 HB5-AA3351 HB5-AA3331	● 绿色 I ● 白色 ↑ ● 黑色 ↓ ● 绿色 START	NO	
	高钮 Raised button Spring return	HB5-AL42	● 红色 Red	NC	
		HB5-AL11 HB5-AL21 HB5-AL31 HB5-AL51 HB5-AL61	● 白色 White ● 黑色 Black ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO	

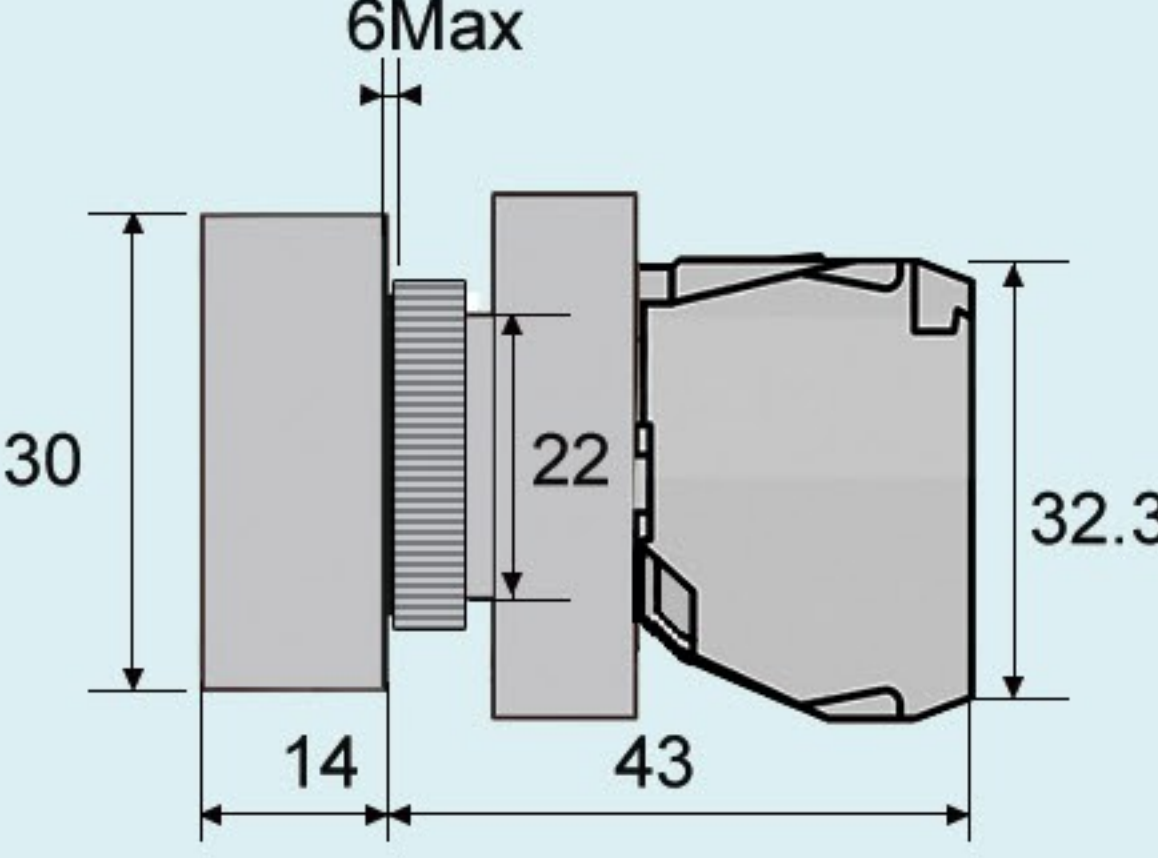
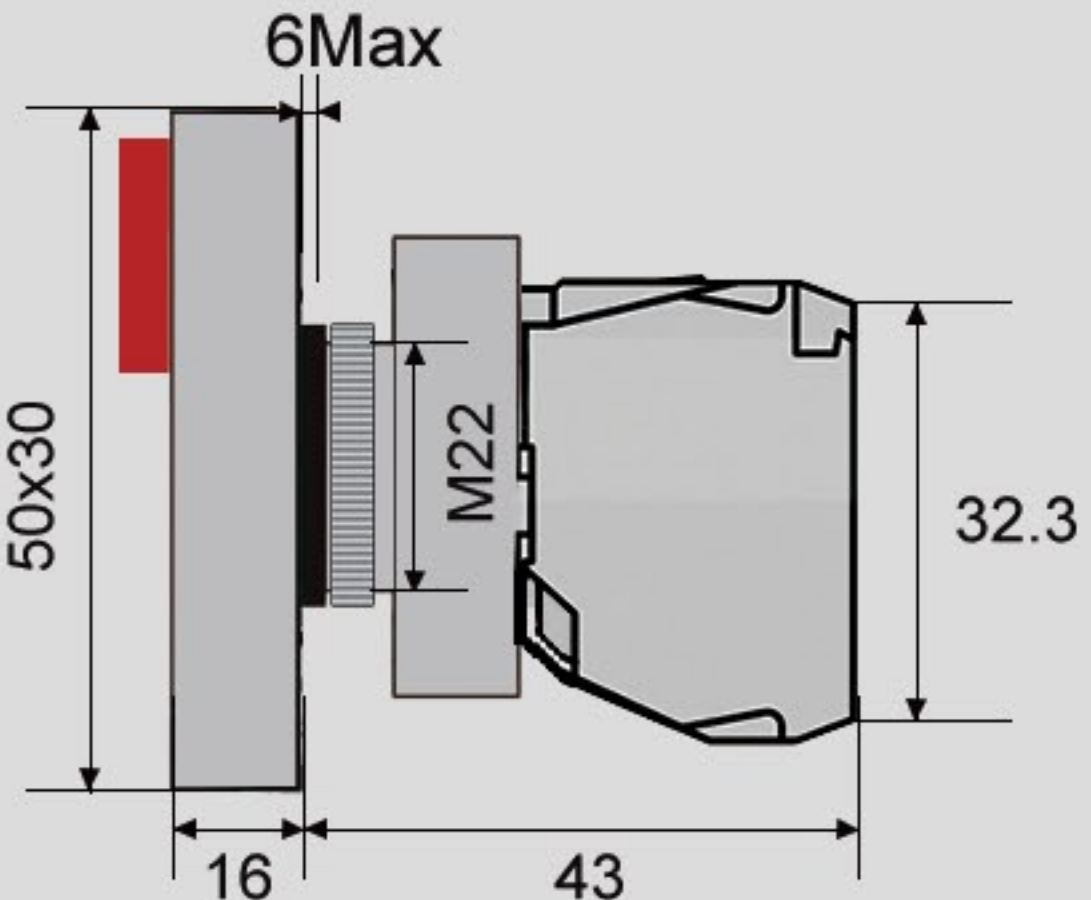
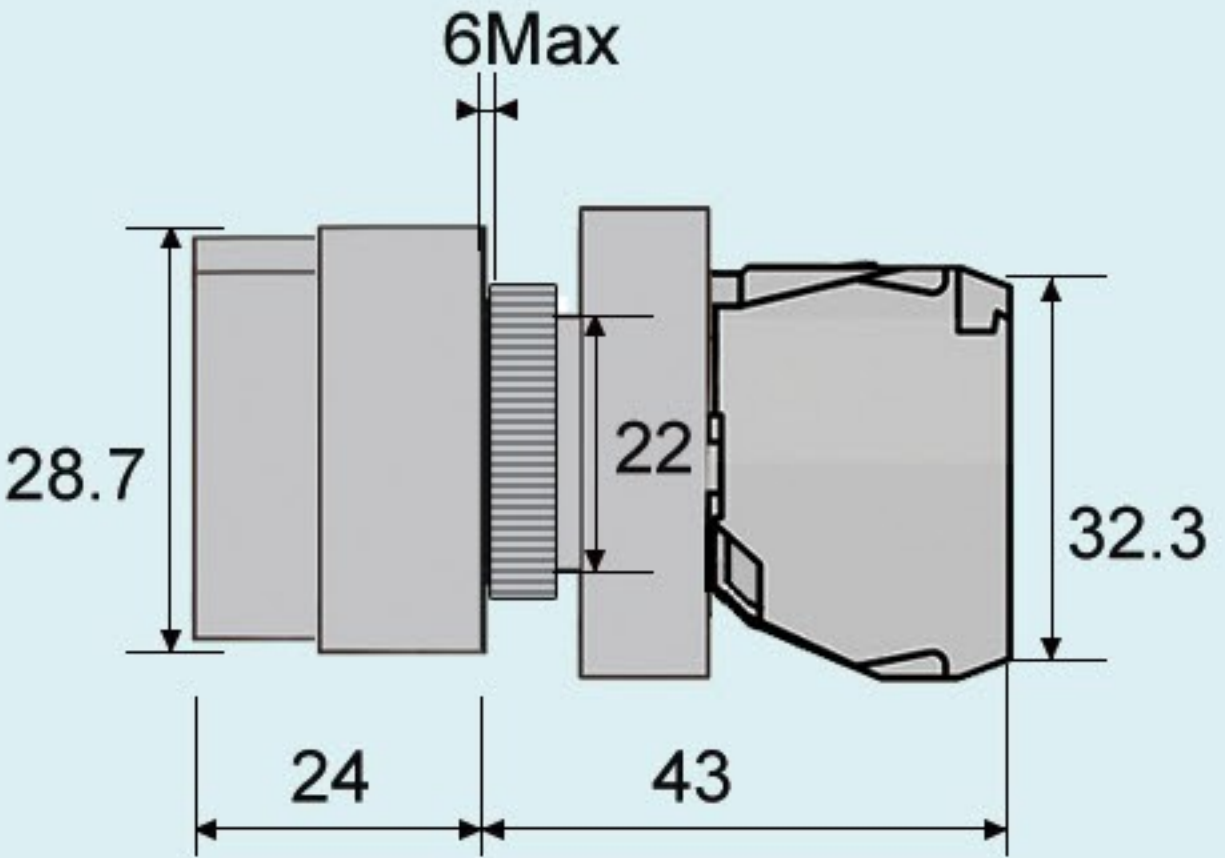
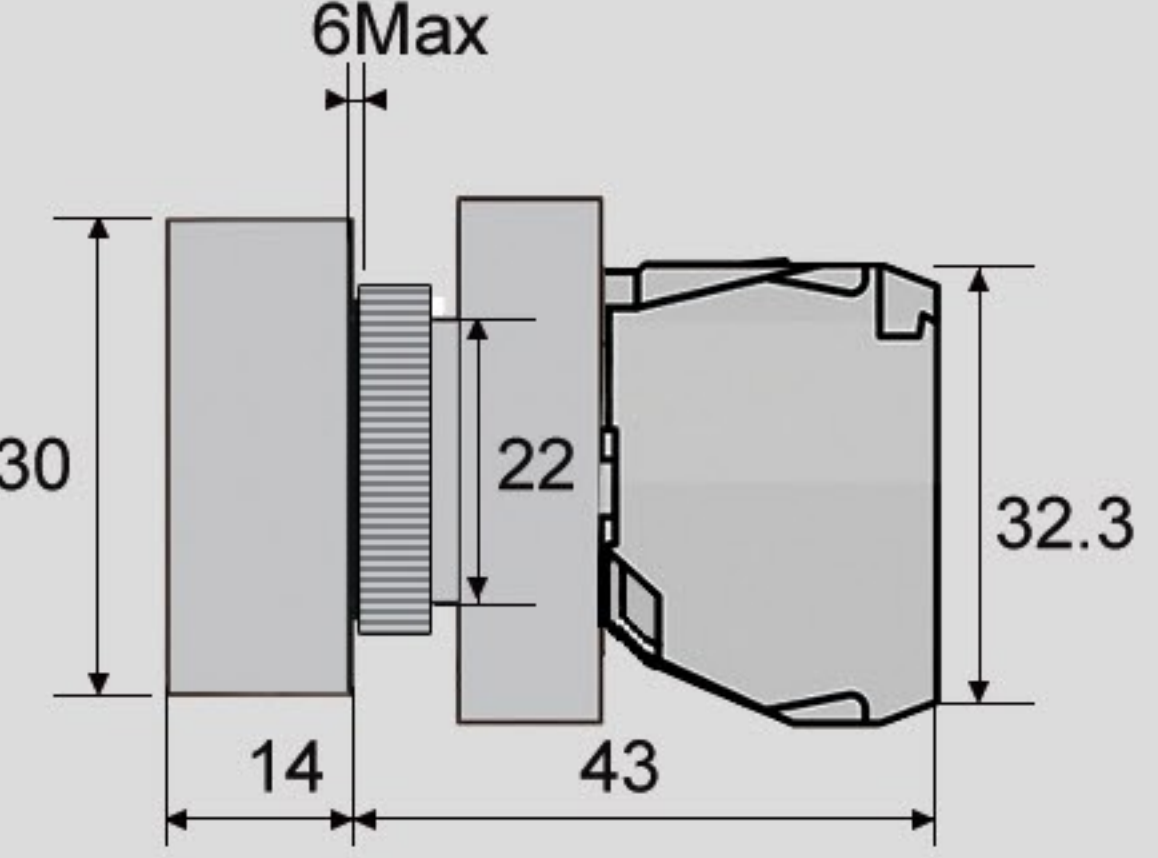
HB5 系列 按钮 开关 HB5 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳：塑料 / 触点外壳：塑料 Head shell: Plastic / Contact shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

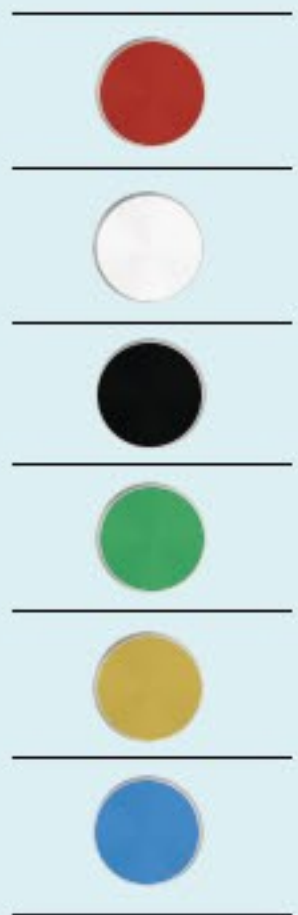
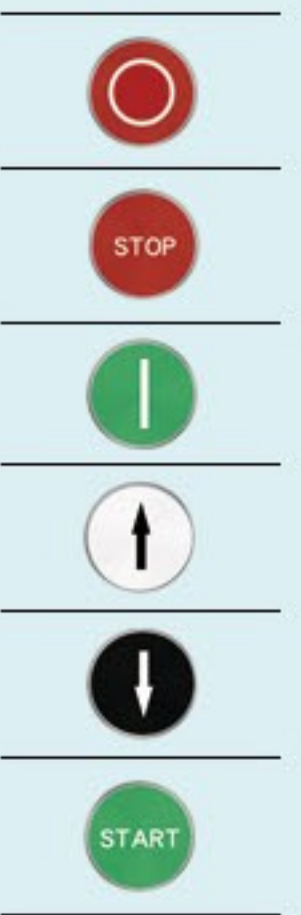
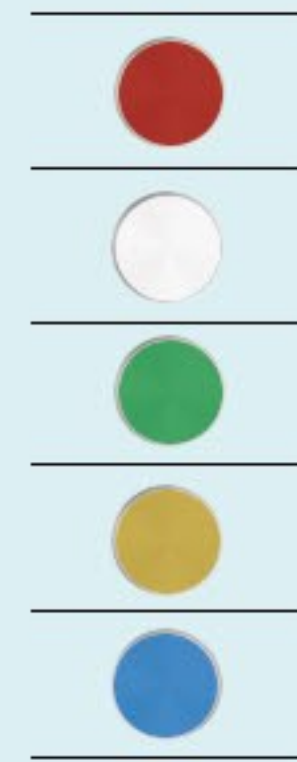
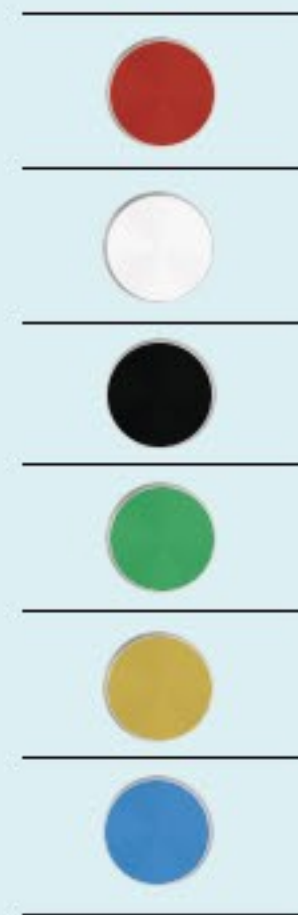
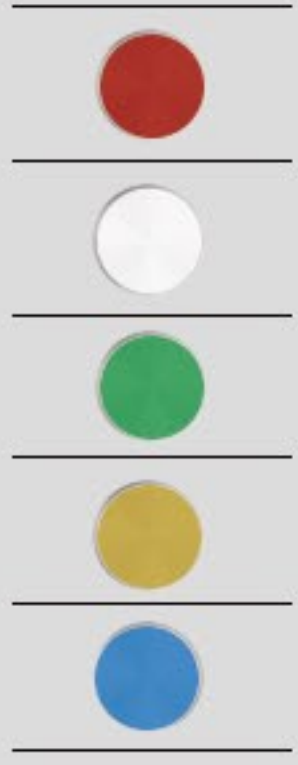
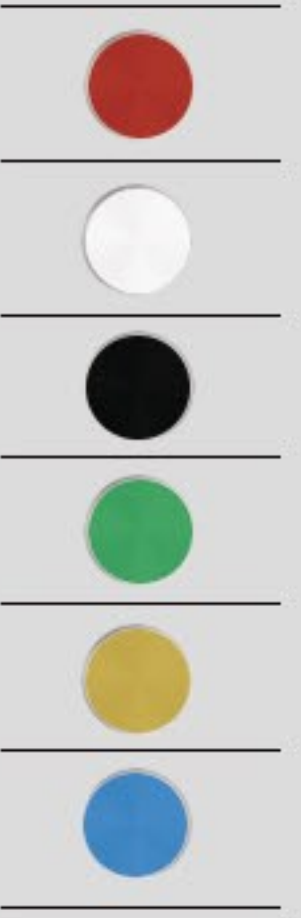
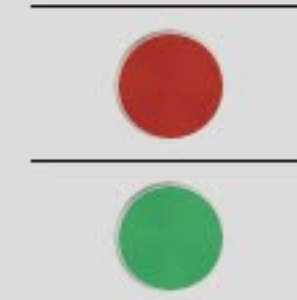
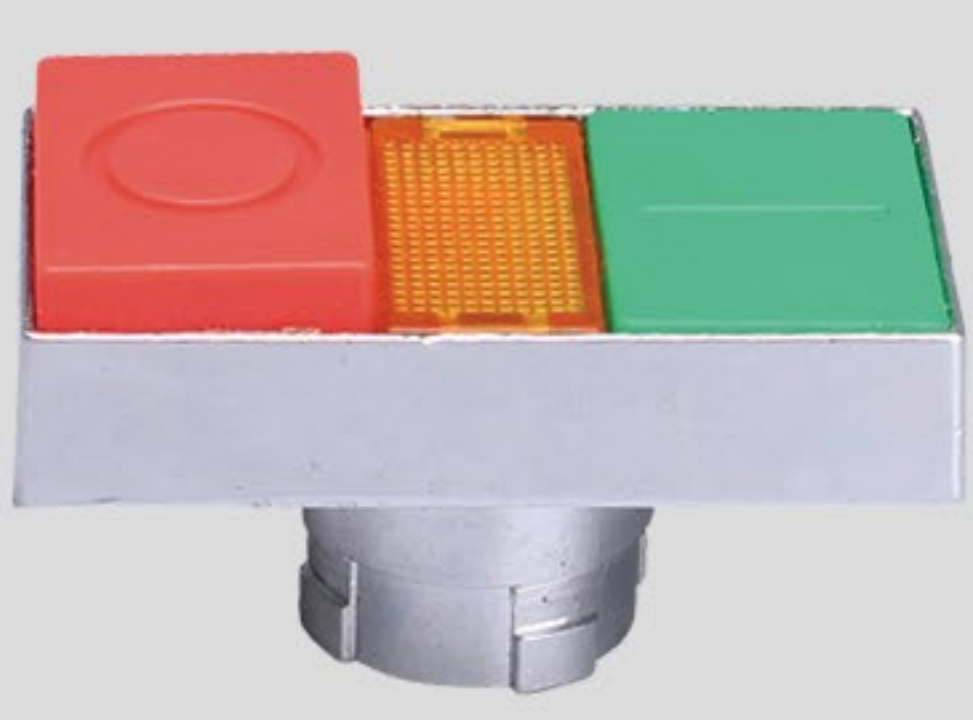
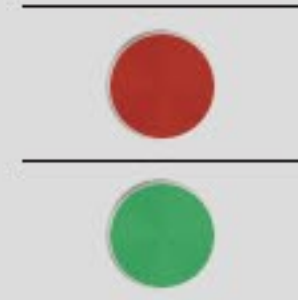
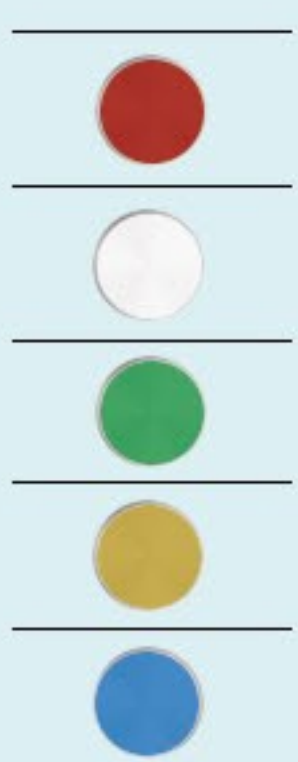
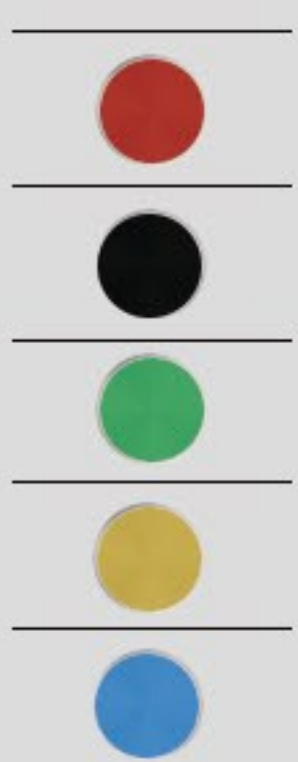
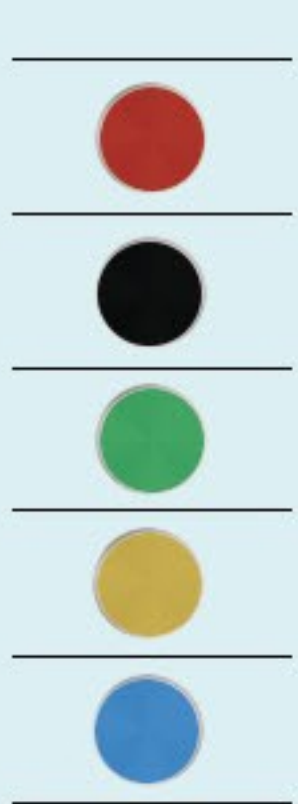
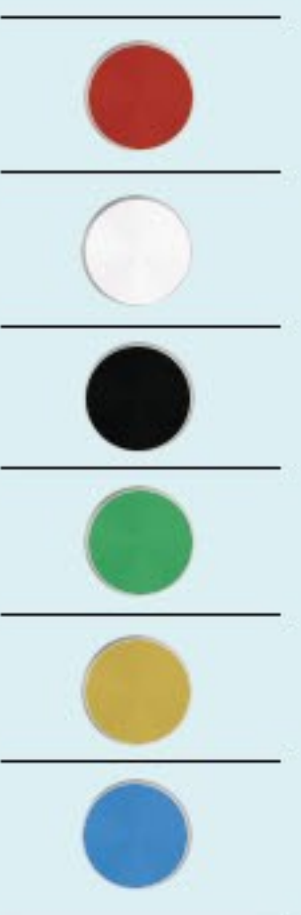
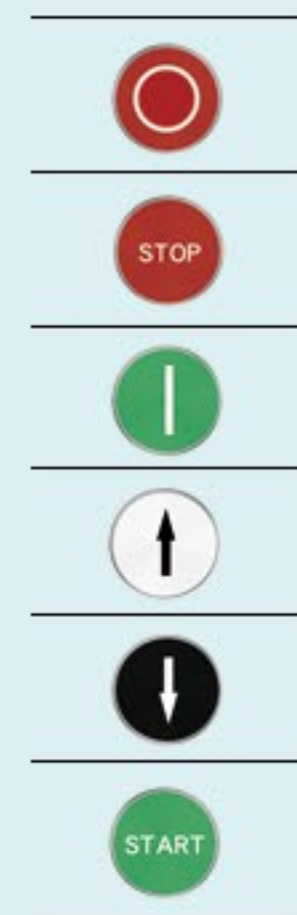
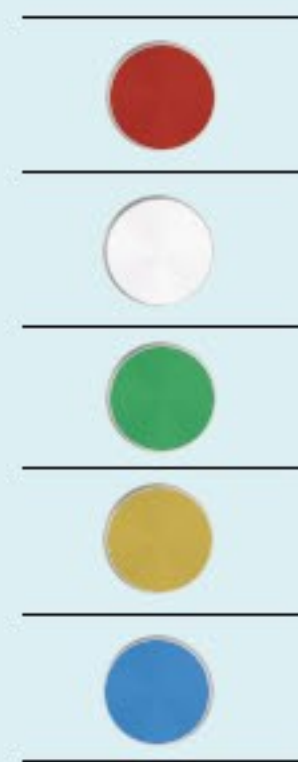
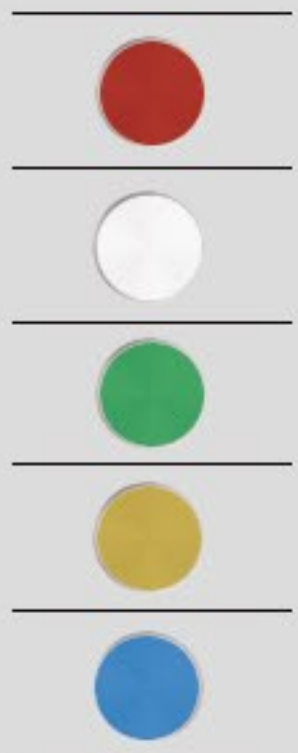
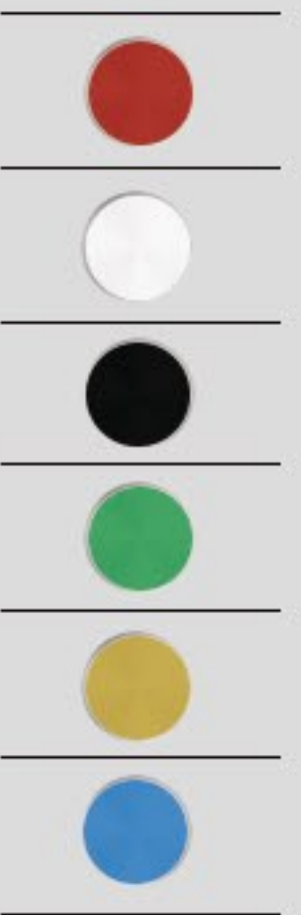
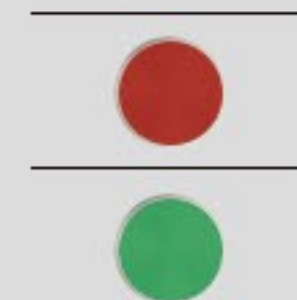
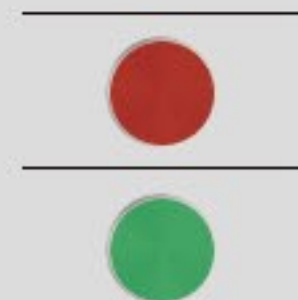
外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione	
	二位锁定 2-position stay put	HB5-AD21		NO		
		HB5-AD25		NO+NC		
	二位自复 2-position reset	HB5-AD41		NO		
		HB5-AD45		NO+NC		
	三位锁定 3-position stay put	HB5-AD33		2NO		
	三位自复 3-position reset	HB5-AD53		2NO		
	二位锁定 2-position stay put	HB5-AJ21		NO		
		HB5-AJ25		NO+NC		
	二位自复 2-position reset	HB5-AJ41		NO		
		HB5-AJ45		NO+NC		
三位锁定 3-position stay put	HB5-AJ33		2NO			
	三位自复 3-position reset	HB5-AJ53		2NO		
	二位钥匙锁定 2-position with key stay put	HB5-AG21		NO		
		HB5-AG25		NO+NC		
		二位钥匙自复 2-position with key reset	HB5-AG41			NO
			HB5-AG45			NO+NC
	三位钥匙锁定 3-position with key stay put	HB5-AG61		NO		
		HB5-AG65		NO+NC		
			HB5-AG03			2NO
		HB5-AG33		2NO		
HB5-AG53			2NO			
	三位钥匙自复 3-position with key reset	HB5-AG73		2NO		
		双钮 Double headed button spring return	HB5-AL8325		NO+NC	
		HB5-AL8425				
	防水式 Flush button with waterproof cover	HB5-AP42	 红色 Red	NC		
		HB5-AP11	 白色 White	NO		
		HB5-AP21	 黑色 Black			
		HB5-AP31	 绿色 Green			
		HB5-AP51	 黄色 Yellow			
		HB5-AP61	 蓝色 Blue			

HB5 系列 按钮 开关 HB5 Button Switch

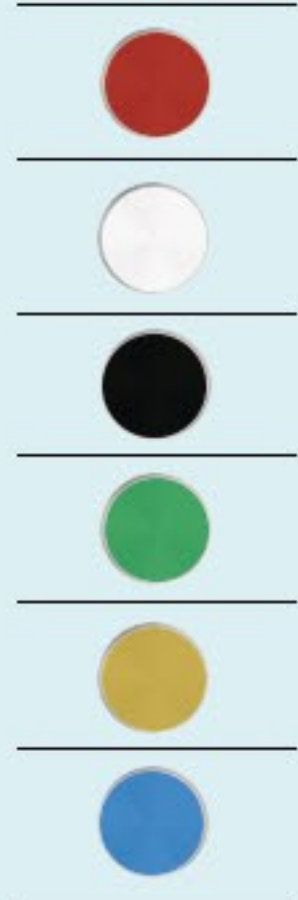
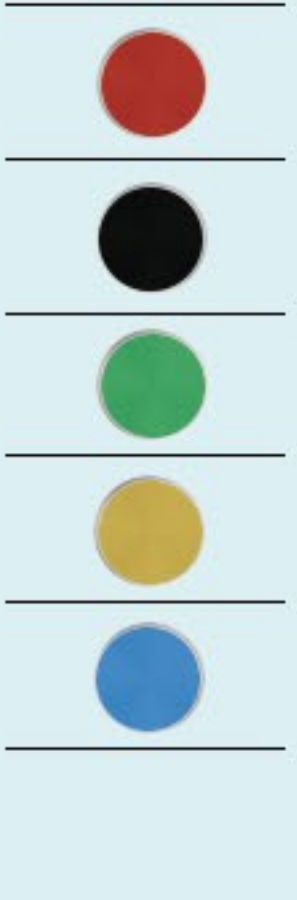
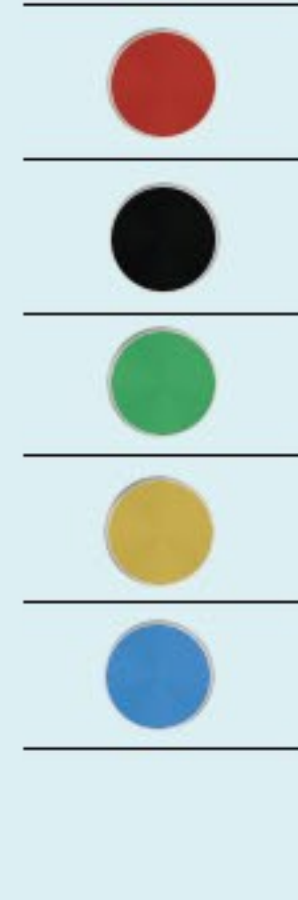
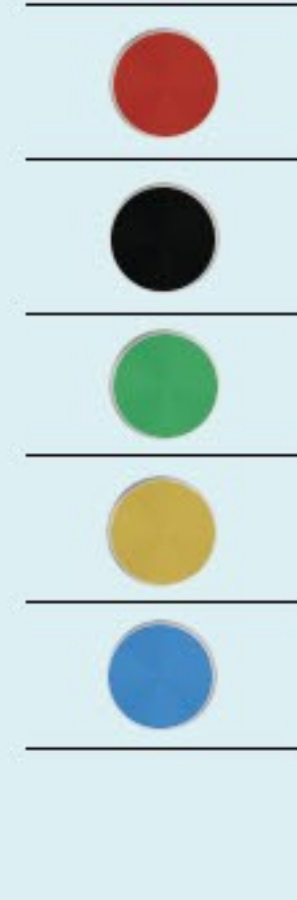
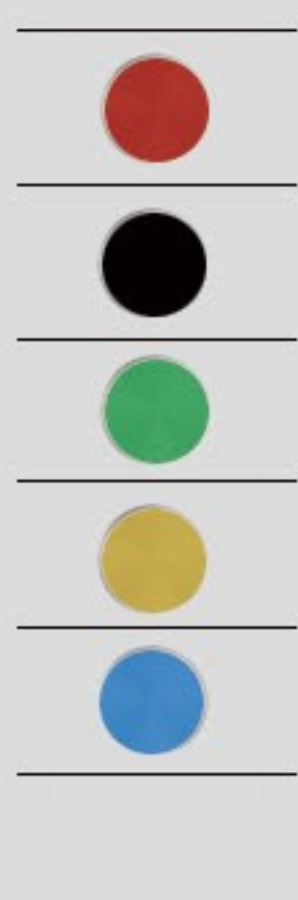
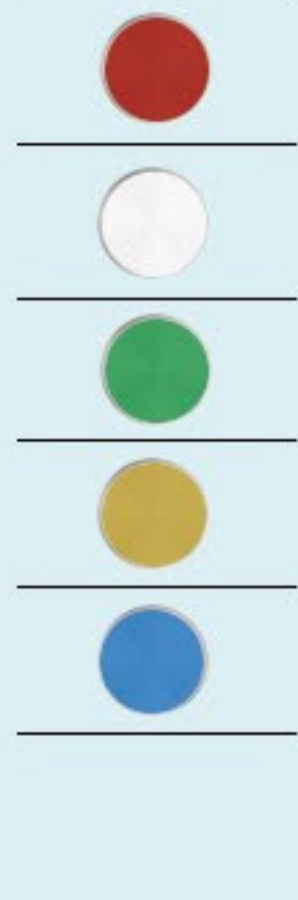
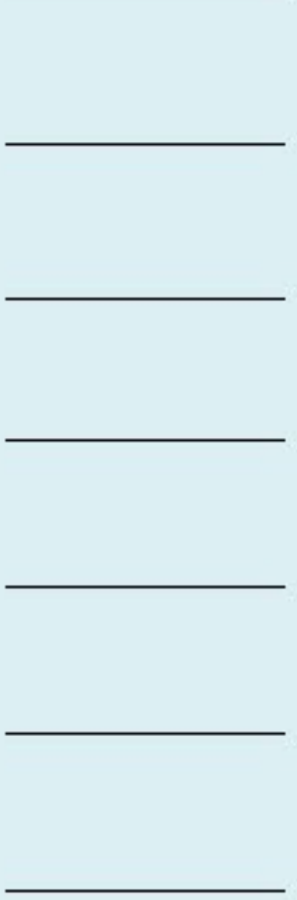
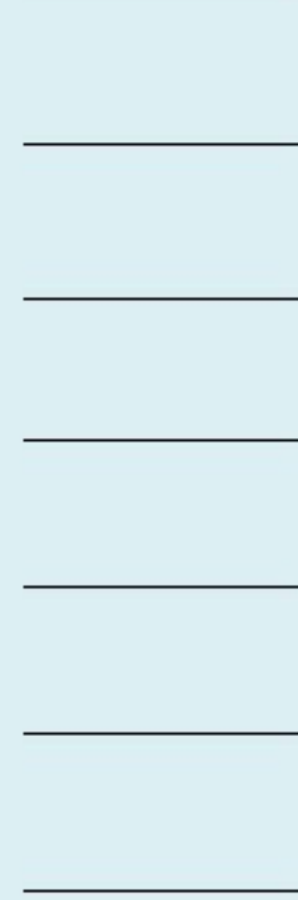
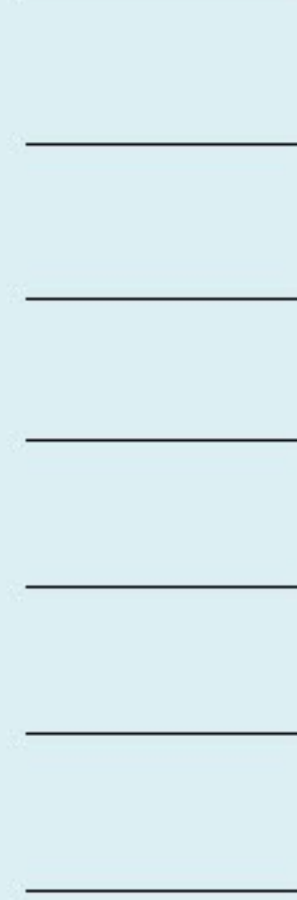
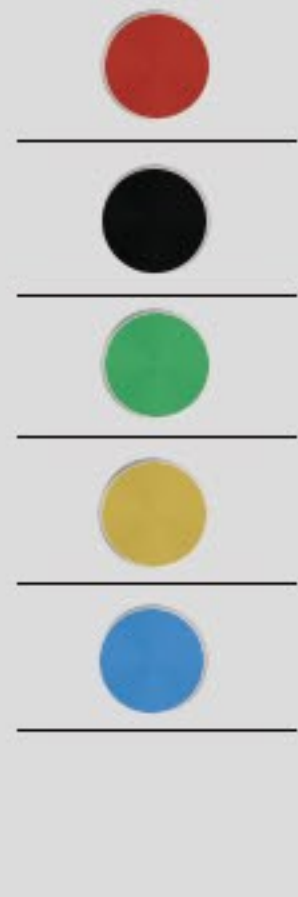
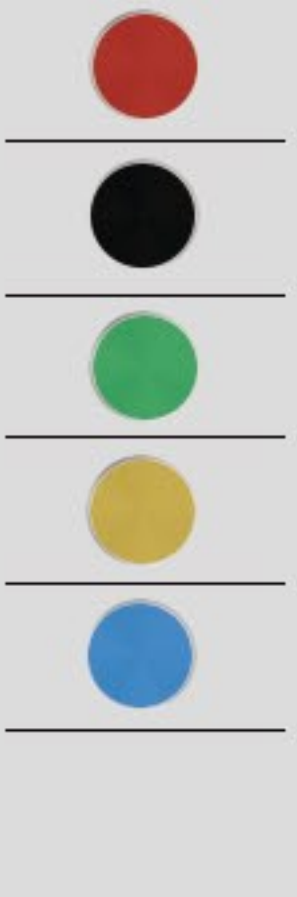
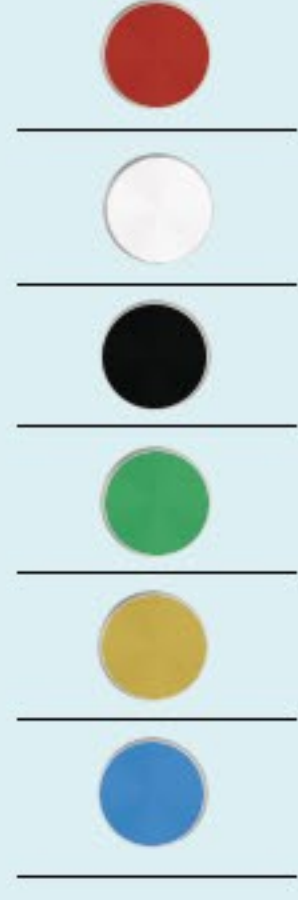
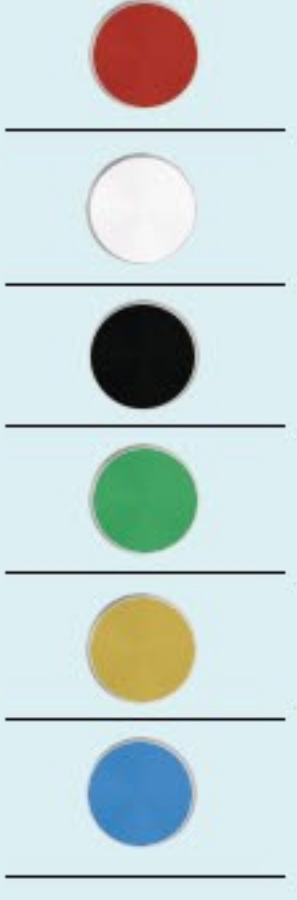
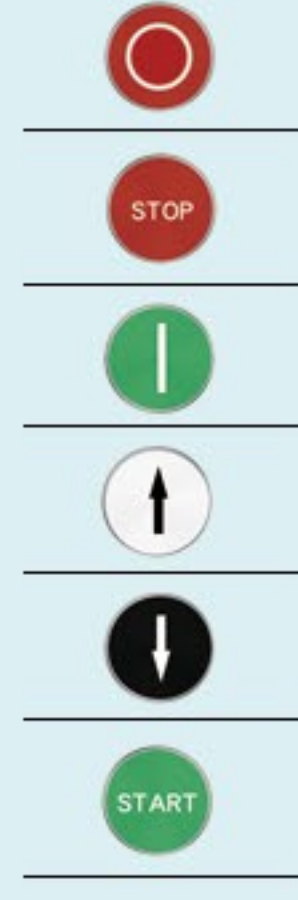
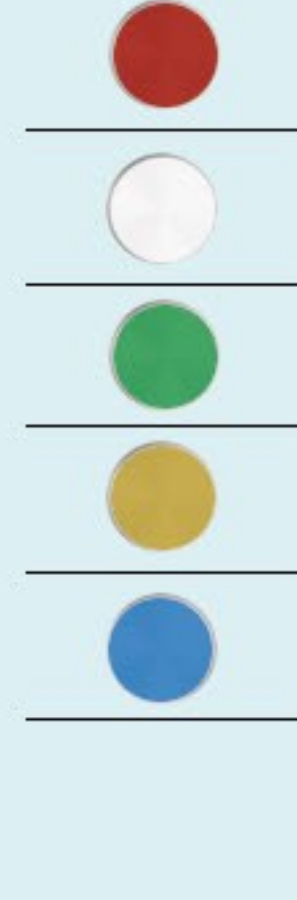
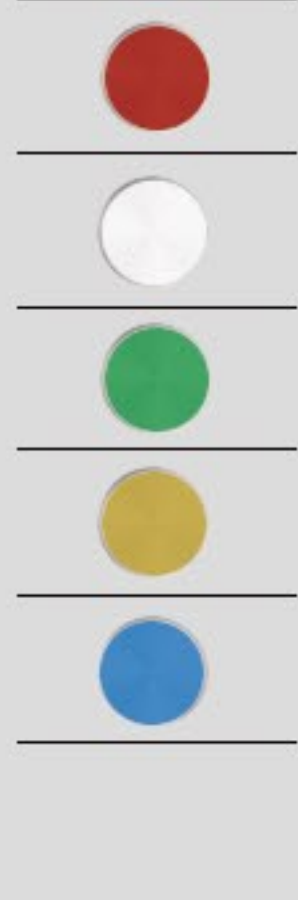
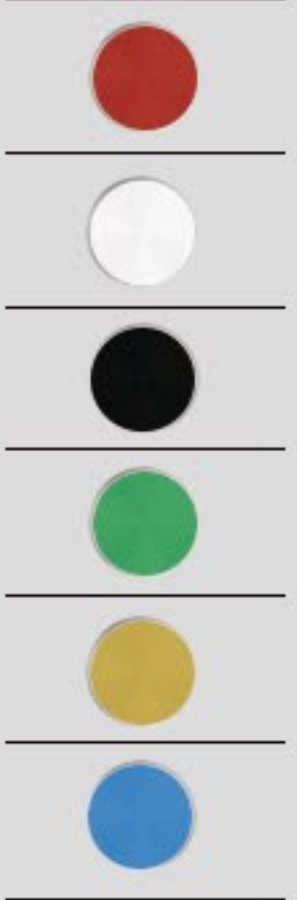
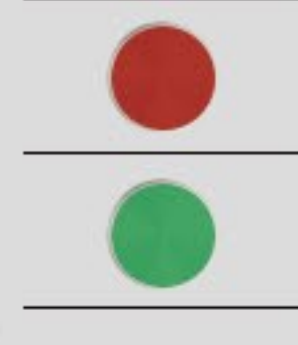
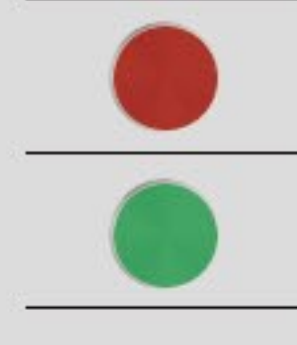
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	头部外壳：塑料 / 触点外壳：塑料 Head shell: Plastic / Contact shell: Plastic	
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	带灯式 Illuminated diectness button with Neon or LED 6-380V	HB5-AW3365 HB5-AW3465 HB5-AW3565 HB5-AW3665	 绿色 Green  红色 Red  黄色 Yellow  蓝色 Blue	NO+NC	
	带灯式 Illuminated resistance button with LED 6-380V	HB5-AW33B5 HB5-AW34B5 HB5-AW35B5	 红色 Red  白色 White  绿色 Green  黄色 Yellow  蓝色 Blue	NO+NC 24V	
		HB5-AW33G5 HB5-AW34G5 HB5-AW35G5		NO+NC 110V	
		HB5-AW33M5 HB5-AW34M5 HB5-AW35M5		NO+NC 220V	
	蘑菇钮钥匙自锁 Mushroom head with key release	HB5-AS142 Φ 40	 红色 Red	NC	
	推拉式 Mushroom head push-pull	HB5-AT42 Φ 40	 红色 Red	NC	
	直接式指示灯 Indicator light Neon	HB5-AV61 HB5-AV63 HB5-AV64 HB5-AV65 HB5-AV66	 绿色 Green  红色 Red  黄色 Yellow  蓝色 Blue	6-380V	
	直接式指示灯 Indicator light With LED	HB5-AVB3 HB5-AVB4 HB5-AVB5	 红色 Red  白色 White  绿色 Green  黄色 Yellow  蓝色 Blue	24V	
		HB5-AVG3 HB5-AVG4 HB5-AVG5		110V	
		HB5-AVM3 HB5-AVM4 HB5-AVM5		220V	

HB系列产品部件 HB Series Product Components

  HB2-BA.	  HB2-BA..	  HB2-BW3.	  HB2-BL.
  HB2-BV.	  HB2-BP.	  HB2-BL8.	  HB2-BW8.
  HB2-BK2. HB2-BK3.	  HB2-BD2. HB2-BD3.	  HB2-BJ2. HB2-BJ3.	  HB2-BG2. HB2-BG3.
  HB2-BT.	  HB2-BS..	  HB2-BC.	  HB2-BR.
  HB2-BS1.	  HB2-EA.	  HB2-EA..	  HB2-EV.
  HB2-EW3.	  HB2-EP.	  HB2-EW8	  HB2-EL8

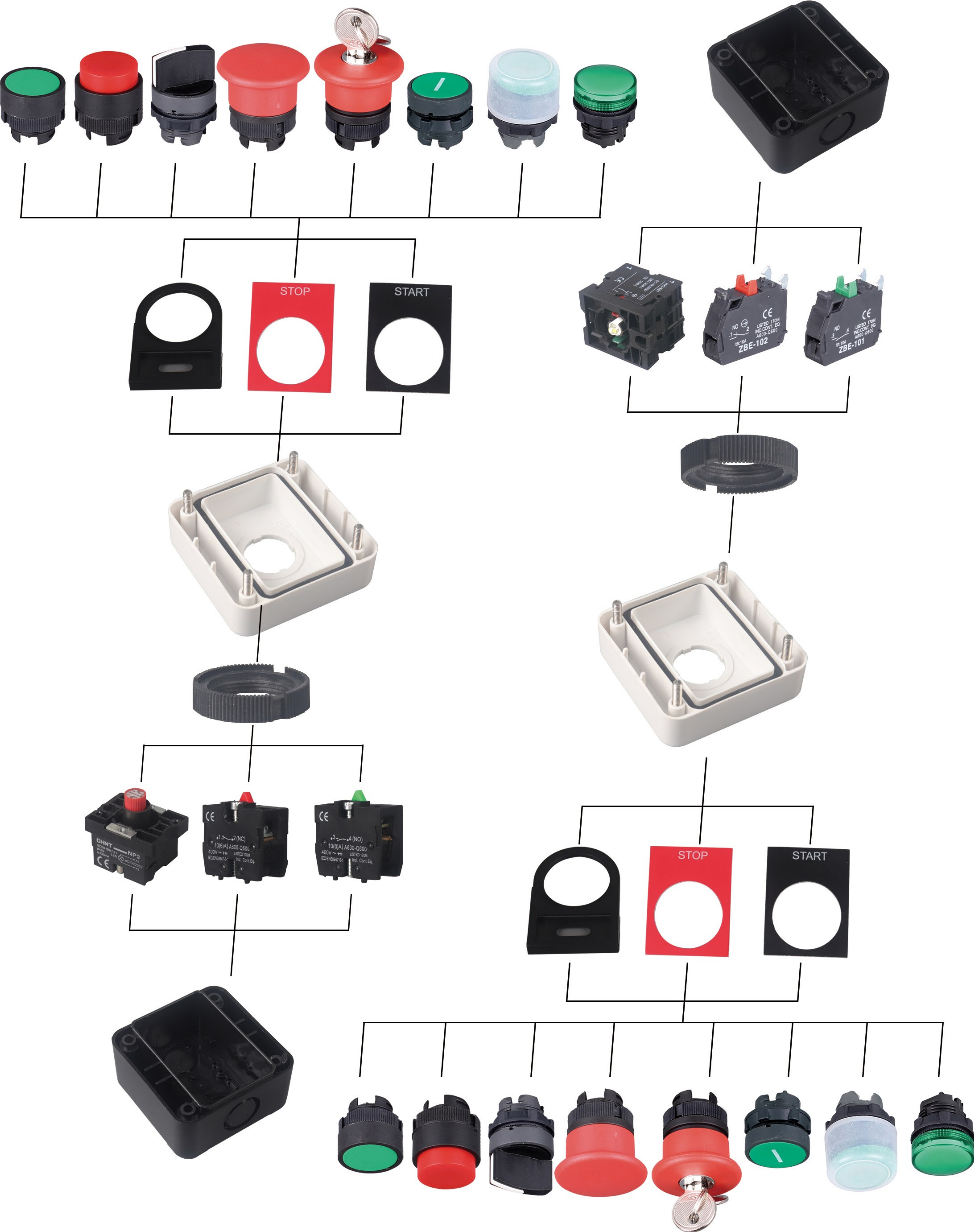
HB系列产品部件 HB Series Product Components

  HB2-EL.	  HB2-ER.	  HB2-ES..	  HB2-EC.
  HB2-ES1.	  HB2-ED2. HB2-ED3.	  HB2-EJ2. HB2-EJ3.	  HB2-EG2. HB2-EG3.
  HB4-BK2. HB4-BK3.	  HB4-BD2. HB4-BD3.	  HB4-BJ2. HB4-BJ3.	  HB4-BG2. HB4-BG3.
  HB4-BR.	  HB4-BS.	  HB4-BS1.	  HB4-BC.
  HB4-BA.	  HB4-BP.	  HB4-BA..	  HB4-BV.
  HB4-EW3.	  HB4-BL.	  HB4-EL8	  HB4-EW8

HB系列产品部件

HB Series Product Components





Series Control Box

HB2系列控制盒

- 1.安装孔尺寸: $\phi 22\text{mm}$
- 2.开关额定值: $U_i:440\text{V}, I_{th}10\text{A}$
- 3.机械寿命: ≥ 200 万次。
- 4.电气寿命: ≥ 50 万次。
- 5.IP65防水防尘



HB2 -B.J系 列 控 制 盒

HB2-B.J Series Control Box

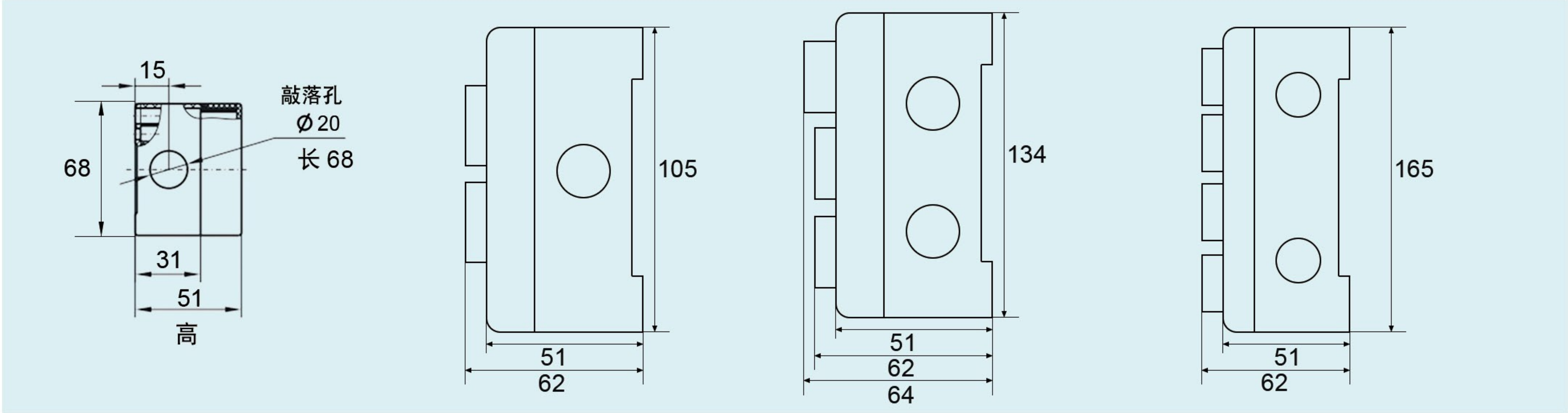
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	防水等级 Waterproof grade	IP65		外壳材料 COLOR	外壳：塑料 Shell: Plastic
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary

外形图 Shape	类型 Type	型号 Model	触点 Contact	标牌 label	备注 Remarks
	一个绿色平钮 1 Green flush push button	HB2-B101H29	NO	开始 Start	
		HB2-B102			
		HB2-B103			
	一个红色平钮 1 Red flush push button	HB2-B111H29	NC	停止 Stop	
		HB2-B144			
		HB2-B112			
	蘑菇钮 Φ40 Red mushroom head push button Φ40	HB2-B164H29	NC	急停 Emergency Start	自复 Springle return
		HB2-B174H29		停止 Stop	自锁 Tum to release
		HB2-J174			
	蘑菇钮 Φ40 Red mushroom head push button Φ40	HB2-B184H29	NC	急停 Emergency Start	钥匙 Latching key release
	二位旋钮 2-position of selector switch	HB2-B142H29	NO	开关 Start stop	钥匙 Latching key release
		HB2-B144H29		I O	
		HB2-B132H29		开关 Start stop	旋钮 Standard black handle
		HB2-B134H29		I O	
	二位平钮 2-spring retum push button	HB2-B241H29	NO+NC	开关 open close	 一个绿色平钮 1flush green  一个红色平钮 1flush red
		HB2-B211H29		开关 open close	
	二位平钮 2-spring retum push button with mark	HB2-B213	NO+NC		 一个绿色平钮 1flush green  一个红色平钮 1flush red
		HB2-B215			 一个绿色平钮 1flush green  一个红色平钮 1flush red
		HB2-B222	NO+NO		 一个白色平钮 1flush white  一个黑色平钮 1flush black
		HB2-B223			 一个白色平钮 1flush white  一个黑色平钮 1flush black

HB2 -B.J系 列 控 制 盒 HB2-B.J Series Control Box

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	防水等级 Waterproof grade	IP65		外壳材料 COLOR	外壳：塑料 Shell: Plastic
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary

外形图 Shape	类型 Type	型号 Model	触点 Contact	标牌 label	备注 Remarks
	三个自复平钮 3-spring return push button	HB2-B324	NO+NC +NO		
		HB2-B334			
		HB2-B339			
		HB2-B311H29		Forward stop reverse	
		HB2-B321H29		Up stop down	
		HB2-B341H29		Open stop close	
	二个自复平钮 2-spring return push button 一个直接式指示灯 1-red pilot light	HB2-B361H29	NO+NC		
		HB2-B363			
		HB2-B366			
	二个自复平钮 2-spring return push button 一个电阻式指示灯 1-resistance pilot light	HB2-B37H29		Forward stop reverse	
		HB2-B373			
		HB2-B376			
	三个自复平钮 4-spring return push button	HB2-B4111	NO+NO+ NO+NC		



HB2 -B.J系 列 控 制 盒 HB2-B.J Series Control Box

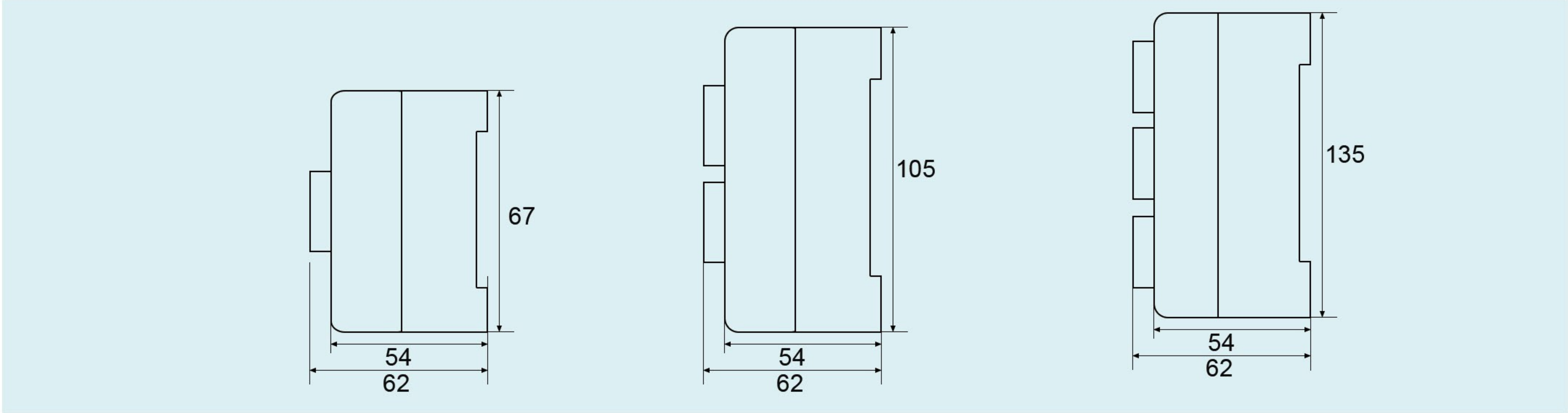
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	防水等级 Waterproof grade	IP65		外壳材料 COLOR	外壳：塑料 Shell: Plastic
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary

外形图 Shape	类型 Type	型号 Model	触点 Contact	标牌 label	备注 Remarks
	一个绿色平钮 1 Green flush push button	HB5-D101H29	NO	开始 Start	
		HB5-D102			
		HB5-D103			
	一个红色平钮 1 Red flush push button	HB5-D111H29	NC	停止 Stop	
		HB5-D144			
		HB5-D112			
	蘑菇钮 Φ40 Red mushroom head push button Φ40	HB5-D164H29	NC	急停 Emergency Start	自复 Springle return
		HB5-D174H29		停止 Stop	自锁 Tum to release
		HB5-K174			
	蘑菇钮 Φ40 Red mushroom head push button Φ40	HB5-D184H29	NC	急停 Emergency Start	钥匙 Latching key release
	二位旋钮 2-position of selector switch	HB5-D142H29	NO	开关 Start stop	钥匙 Latching key release
		HB5-D144H29		IO	
		HB5-D132H29		开关 Start stop	旋钮 Standard black handle
		HB5-D134H29		IO	
	二位平钮 2-spring return push button	HB5-D241H29	NO+NC	开关 open close	 一个绿色平钮 1flush green  一个红色平钮 1flush red
		HB5-D211H29		开关 open close	
	二位平钮 2-spring return push button with mark	HB5-D213	NO+NC		 一个绿色平钮 1flush green  一个红色平钮 1flush red
		HB5-D215			 一个绿色平钮 1flush green  一个红色平钮 1flush red
		HB5-D222	NO+NO		 一个白色平钮 1flush white  一个黑色平钮 1flush black
		HB5-D223			 一个白色平钮 1flush white  一个黑色平钮 1flush black

HB2 -B.J系 列 控 制 盒 HB2-B.J Series Control Box

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	防水等级 Waterproof grade	IP65				外壳材料 COLOR	外壳：塑料 Shell: Plastic
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary		

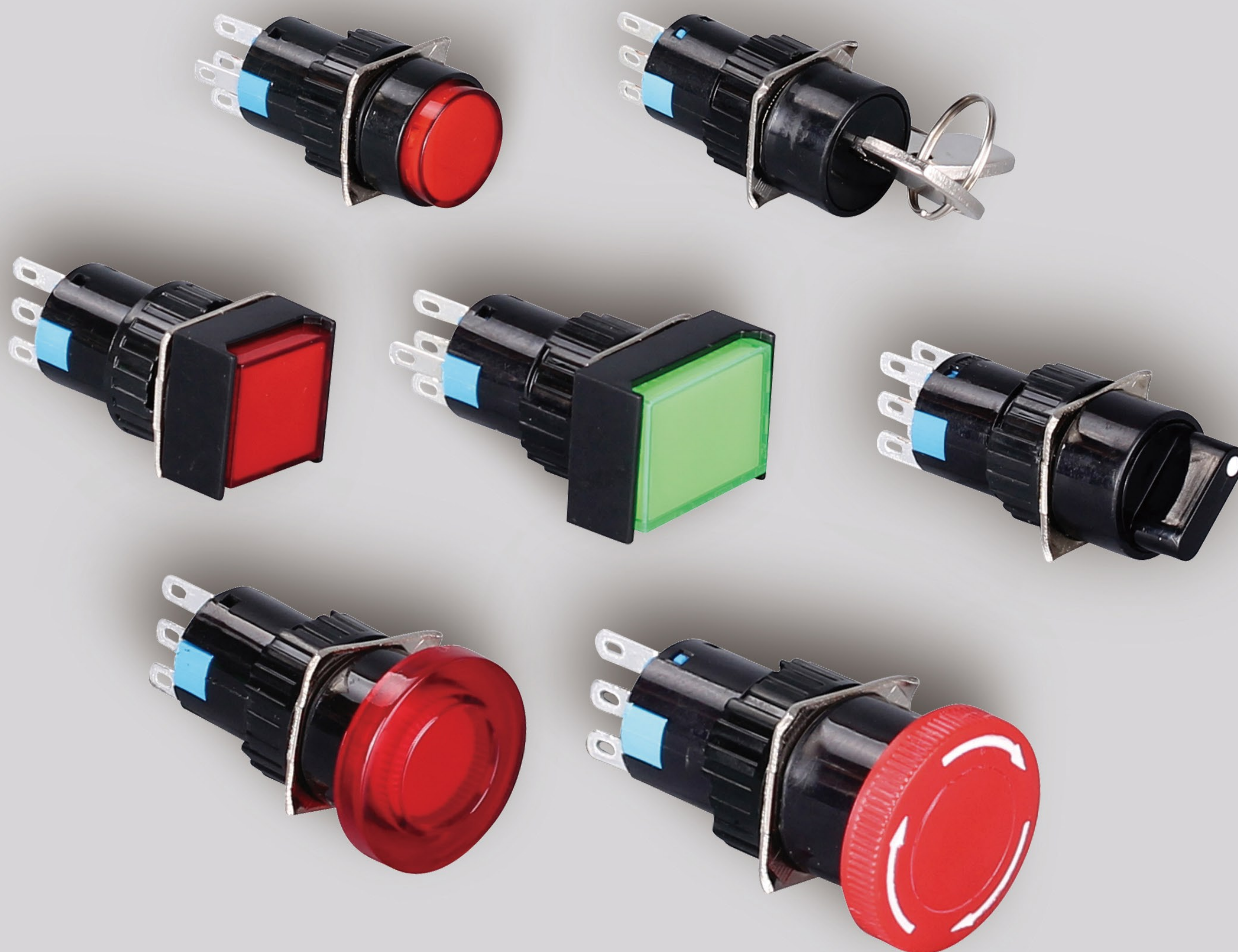
外形图 Shape	类型 Type	型号 Model	触点 Contact	标牌 label	备注 Remarks
	三个自复平钮 3-spring return push button	HB5-D324	NO+NC +NO		
		HB5-D334			
		HB5-D339			
	二个自复平钮 2-spring return push button 一个直接式指示灯 1-red pilot light	HB5-D361H29	NO+NC	开关Start stop	
		HB5-D363			
	二个自复平钮 2-spring return push button 一个电阻式指示灯 1-resistance pilot light	HB5-D366			
		HB5-D37H29		开关Start stop	
		HB5-D373			
		HB5-D376			
	三个自复平钮 3-spring return push button	HB5-D311H29	NO+NC +NO	Forward stop reverse	
		HB5-D321H29		Up stop down	
		HB5-D341H29		Open stop close	



Metal Button

HB6系列按钮开关

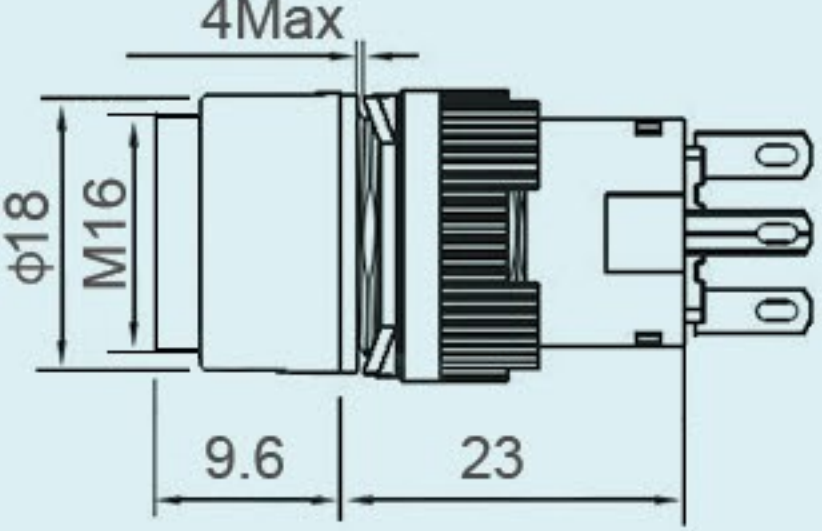
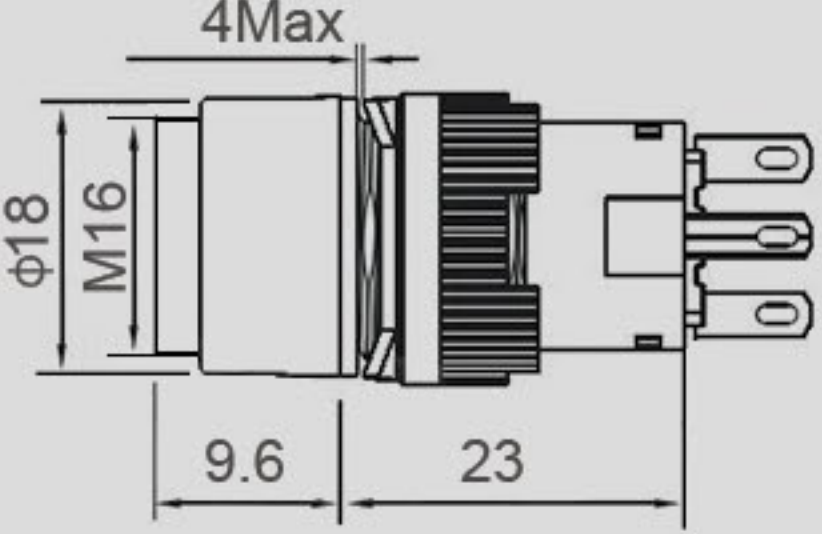
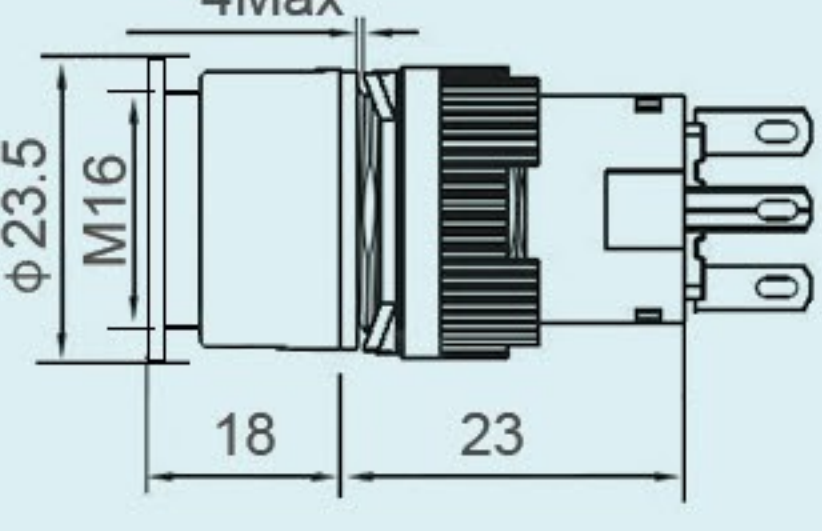
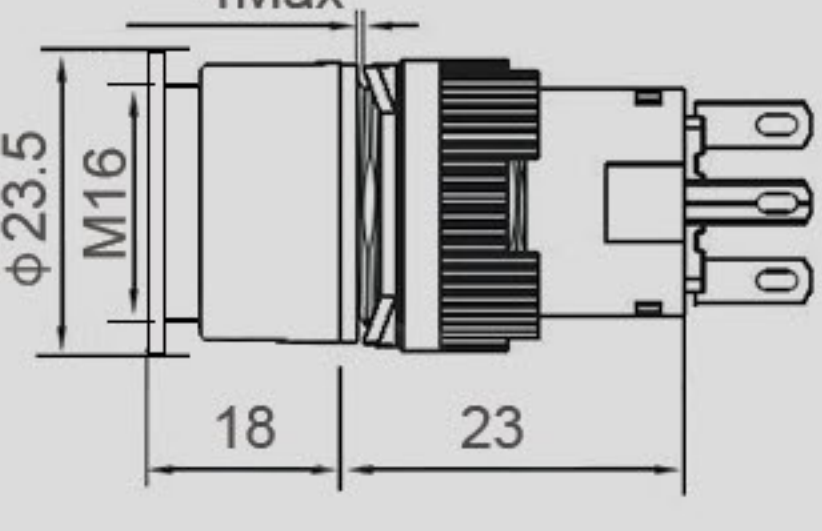
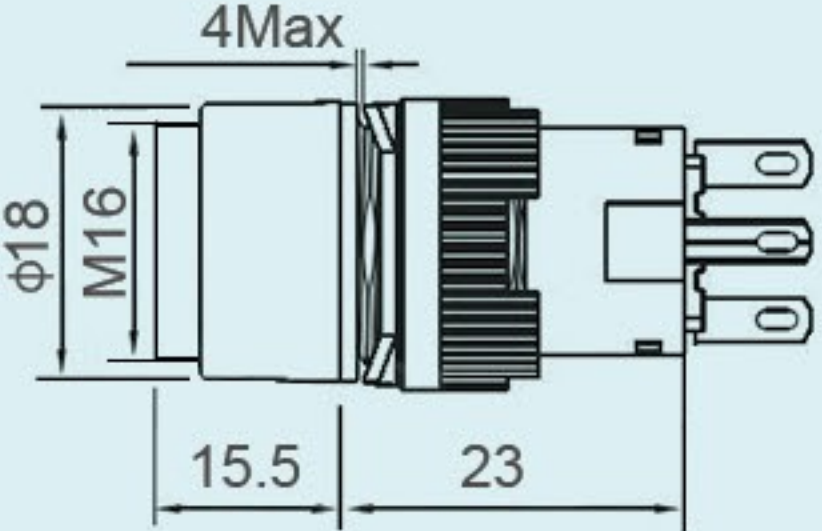
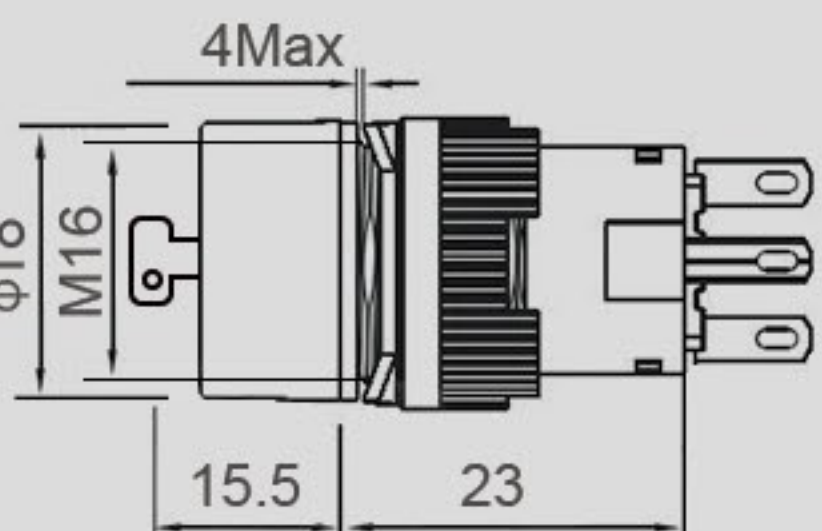
- 1.安装孔尺寸：φ 16
- 2.壳体材质：塑料
- 3.带灯类型：单点灯
- 4.开关额定值：250VAC 5A/10A/18A。
- 5.机械寿命：≥100万次。
- 6.电气寿命：≥20万次。
- 7.防水等级：IP65/IP67。



HB6 系列 按钮 开关

HB6 Button Switch

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	△ 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		◎ 外壳材料 COLOR	外壳：塑料 Shell: Plastic	
	操作位置说明 Position		二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary	

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	备注 Remarks	尺寸图 Outline Dimensione
	平钮 Flush button spring return	HB16-11	● 红色 Red ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO+NC	● 圆形：Y Round:Y ■ 方形：F Square:F ■ 矩形：J Redangle:J	
	平钮自复 Flush button stay put	HB16-11Z				
	平钮带灯 Illuminated button spring return	HB16-11D	● 红色 Red ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO+NC	● 圆形：Y Round:Y ■ 方形：F Square:F ■ 矩形：J Redangle:J	
	平钮带灯自锁 Illuminated button with LED stay put 24V LED	HB16-11DZ				
	蘑菇钮 Mushroom head push button	HB16-11M	● 白色 White ● 红色 Red ● 绿色 Green ● 黄色 Yellow ● 蓝色 Blue	NO+NC	● 圆形：Y Round:Y ■ 方形：F Square:F ■ 矩形：J Redangle:J	
	蘑菇钮自复 Mushroom head push button spring return	HB16-11MZ				
	蘑菇钮自锁 Flush button stay put	HB16-11ZS	● 红色 Red ● 绿色 Green	NO+NC	● 圆形：Y Round:Y ■ 方形：F Square:F ■ 矩形：J Redangle:J	
 	二位旋钮 2-position selector switch	HB16-11X/2	● 红色 Red ● 绿色 Green ● 黑色 Black	NO+NC	● 圆形：Y Round:Y ■ 方形：F Square:F ■ 矩形：J Redangle:J	
	三位旋钮 3-position selector switch	HB16-11X/3				
	二位钥匙旋钮 2-position selector switch with key	HB16-11Y/2		NO+NC	● 圆形：Y Round:Y ■ 方形：F Square:F ■ 矩形：J Redangle:J	
	三位钥匙旋钮 3-position selector switch with key	HB16-11Y/3				

Signal Lamp

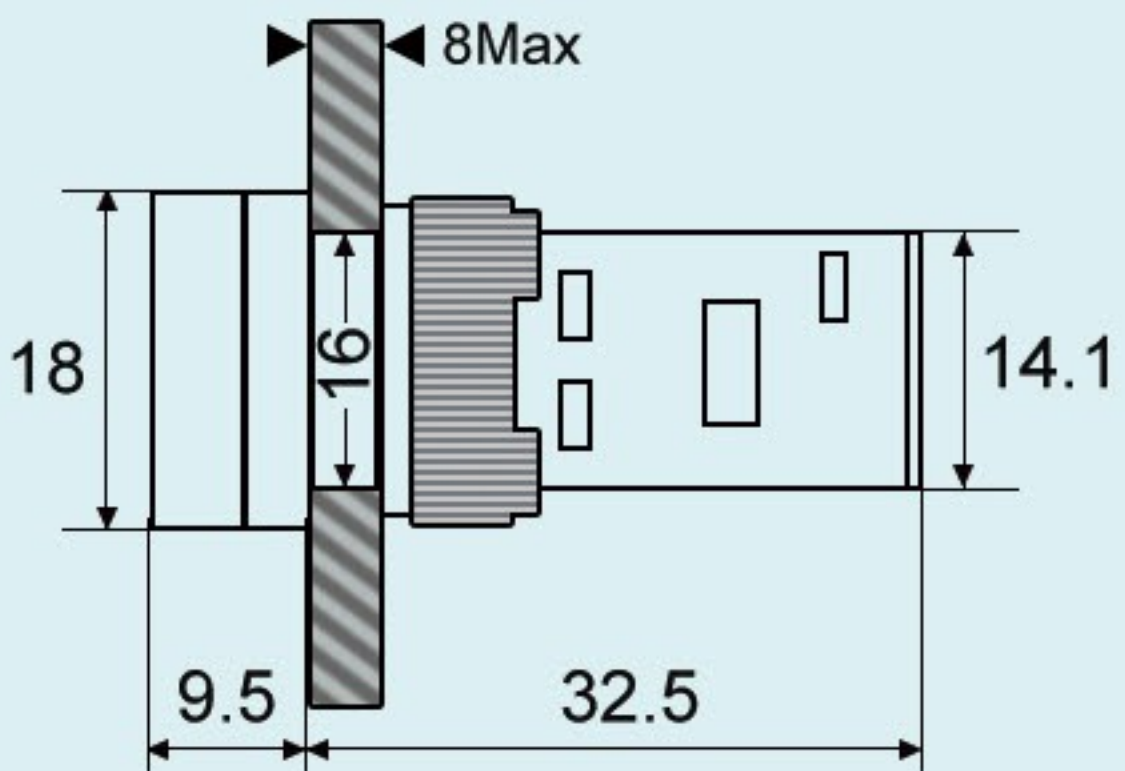
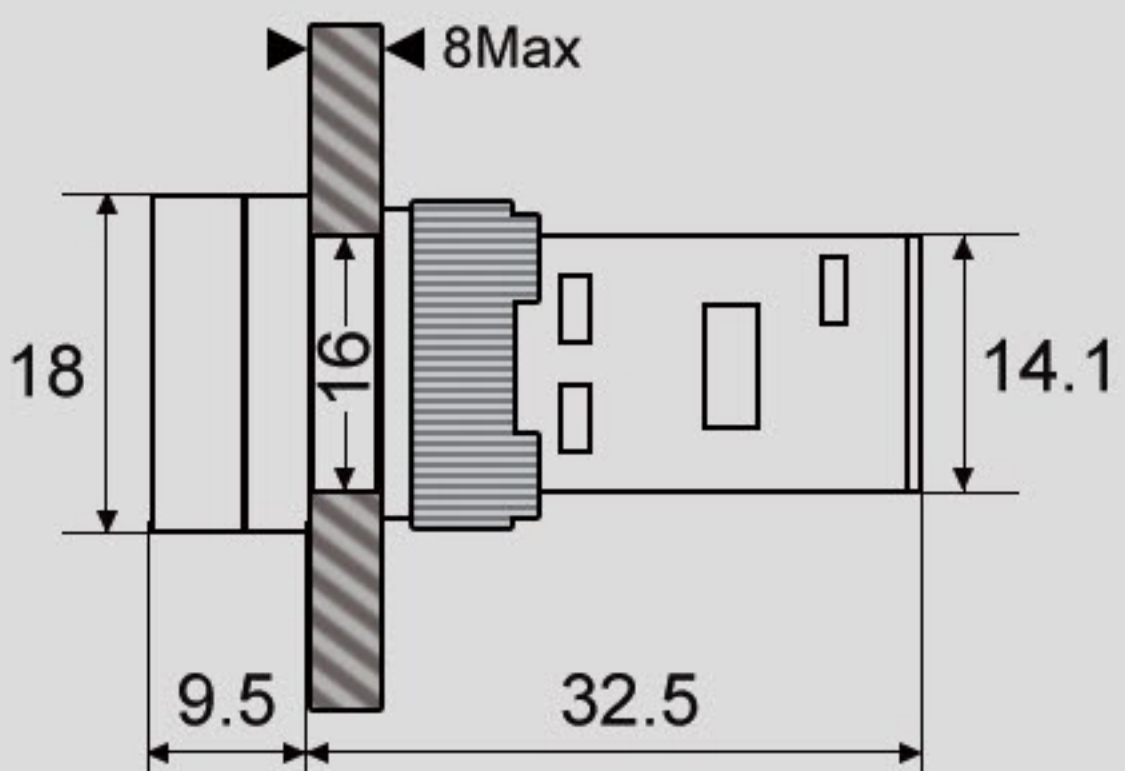
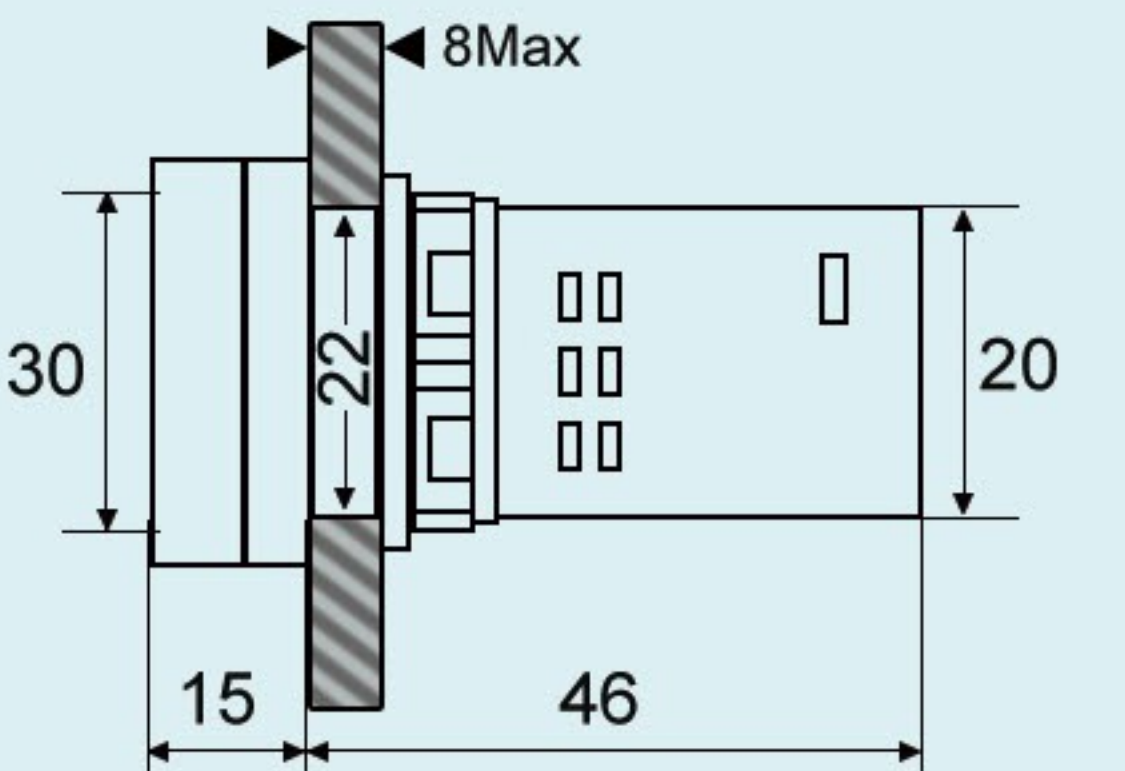
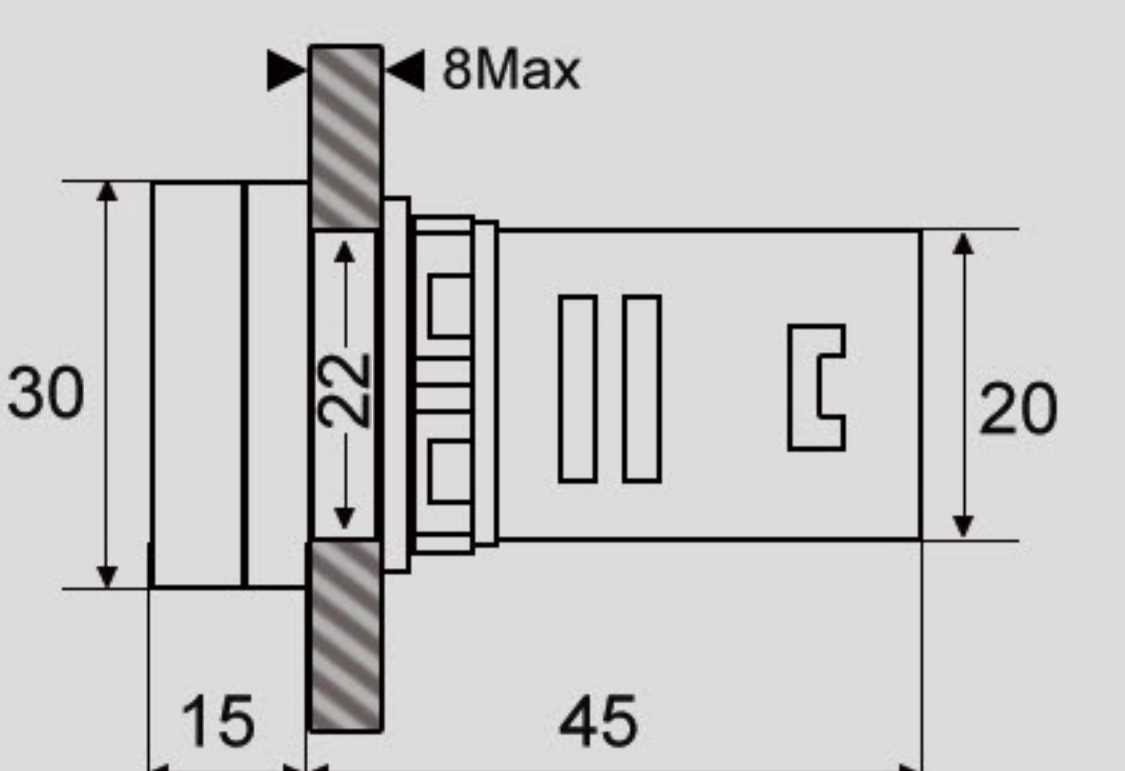
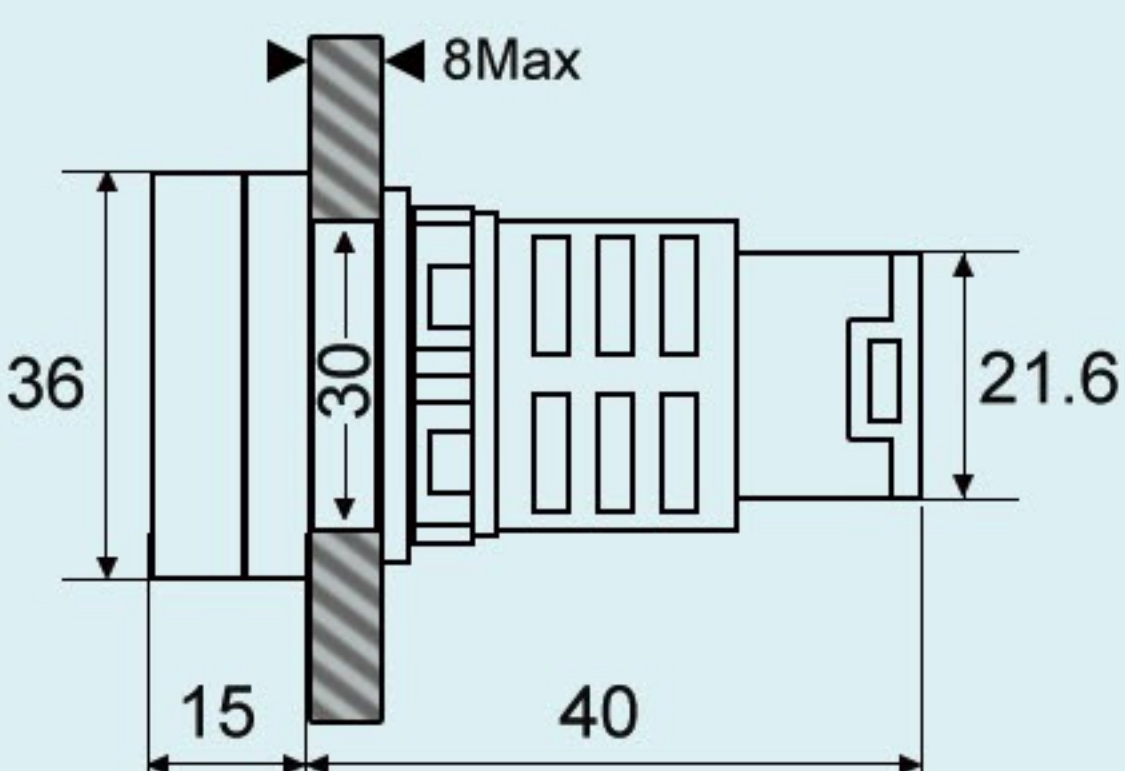
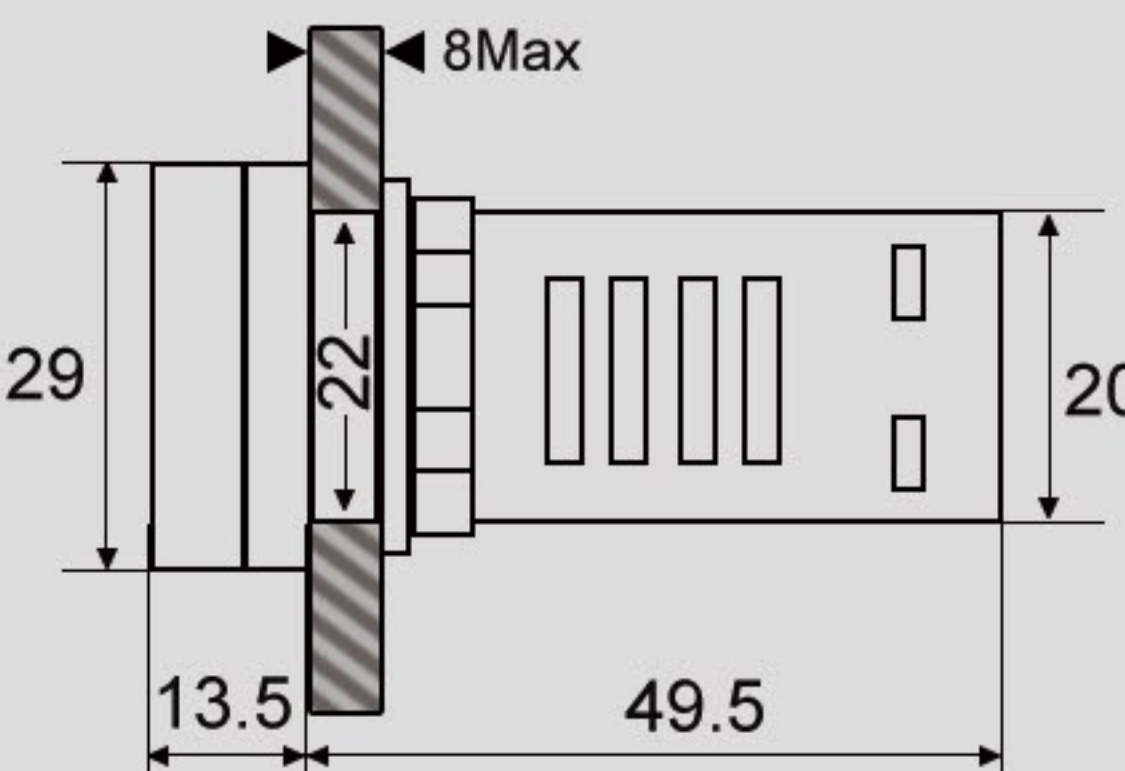
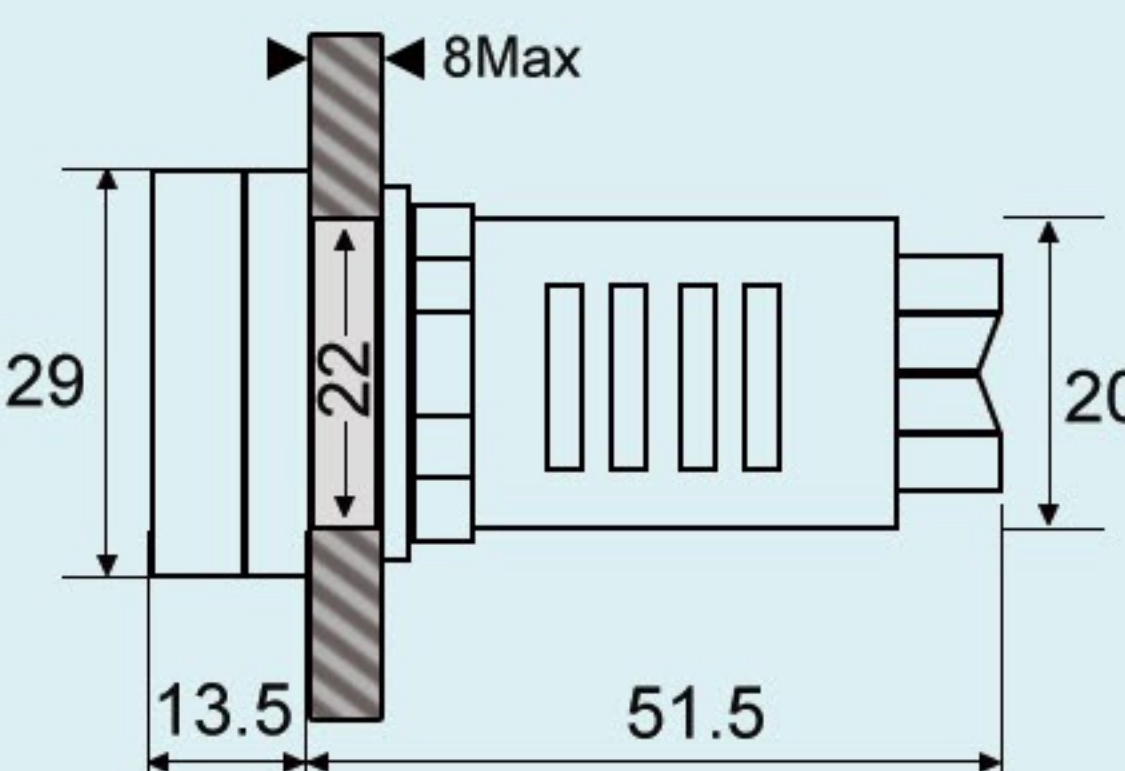
HD系列信号指示灯

- 1. 安装孔尺寸: $\phi 16 / \phi 22 / \phi 30$
- 2. 壳体材质: 阻燃PP
- 3. 使用寿命: ≥ 40000 小时
- 4. 使用频率: 50-60Hz
- 5. 额定工作电流: $\leq 20\text{mA}$
- 6. 光亮度: $\geq 100\text{cd/m}^2$
- 7. 灯光颜色: 红、绿、黄、蓝、白

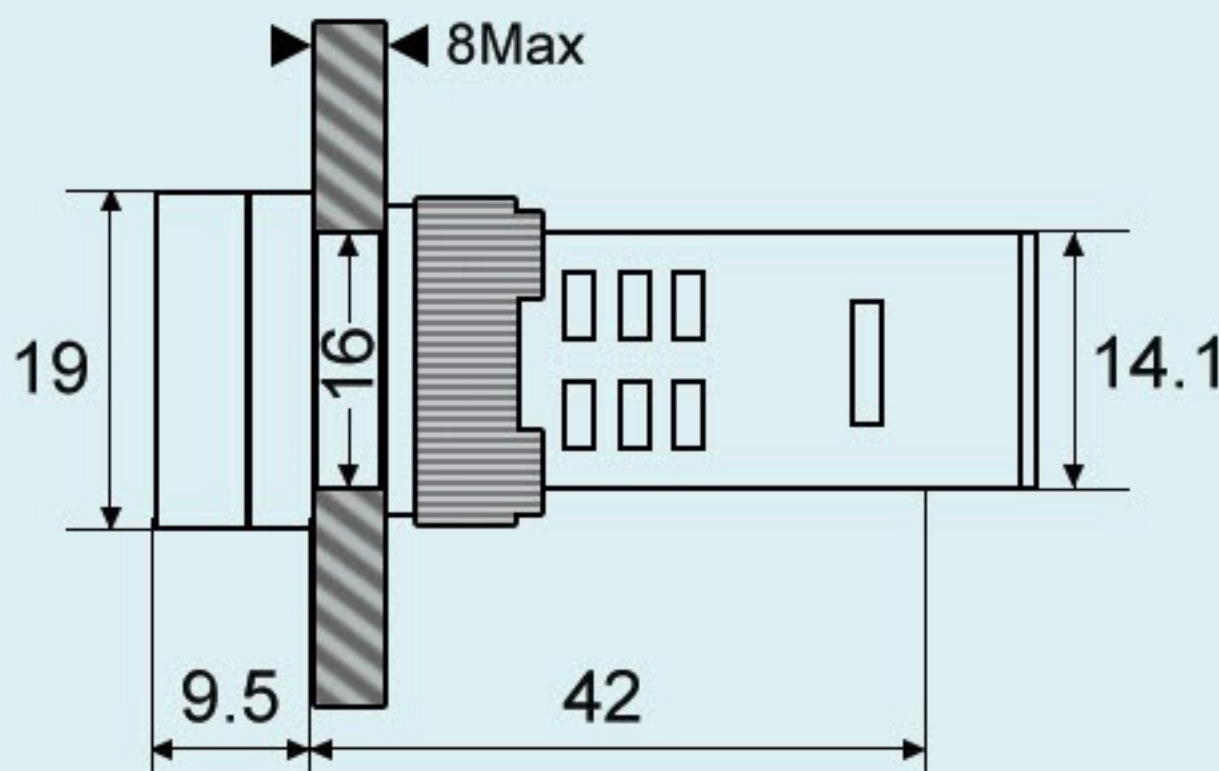
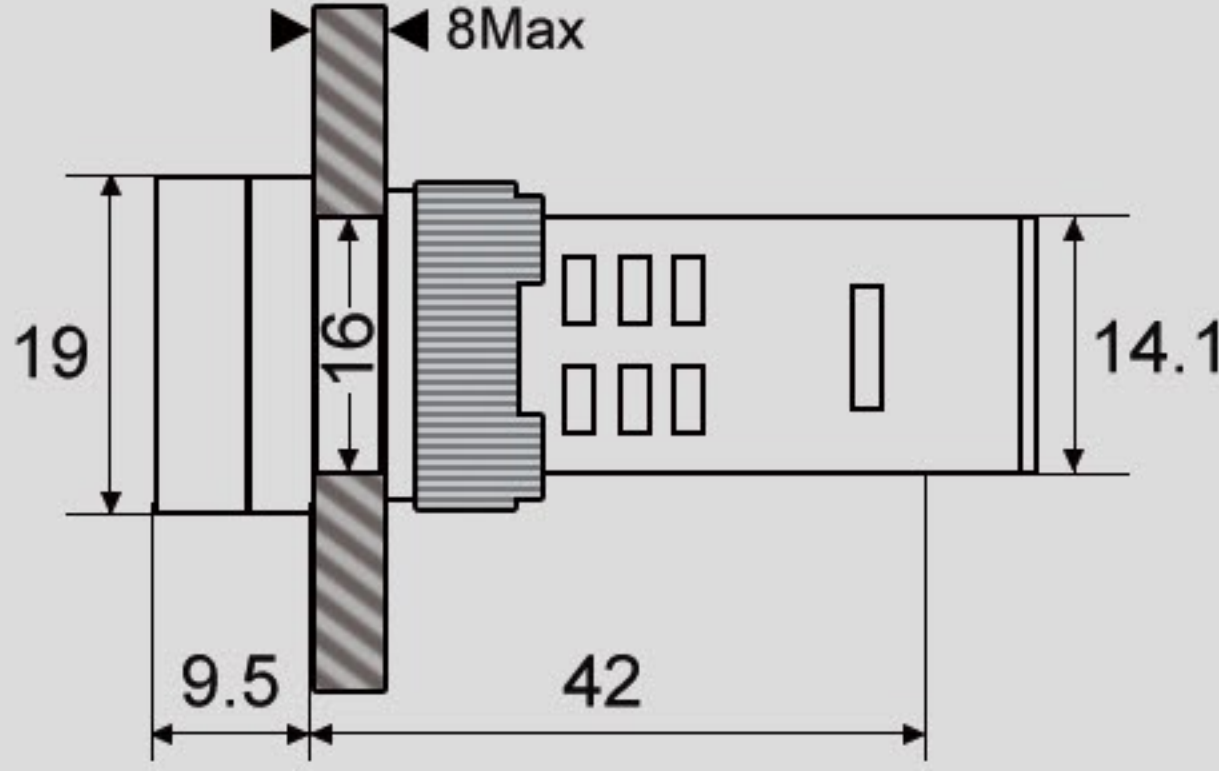
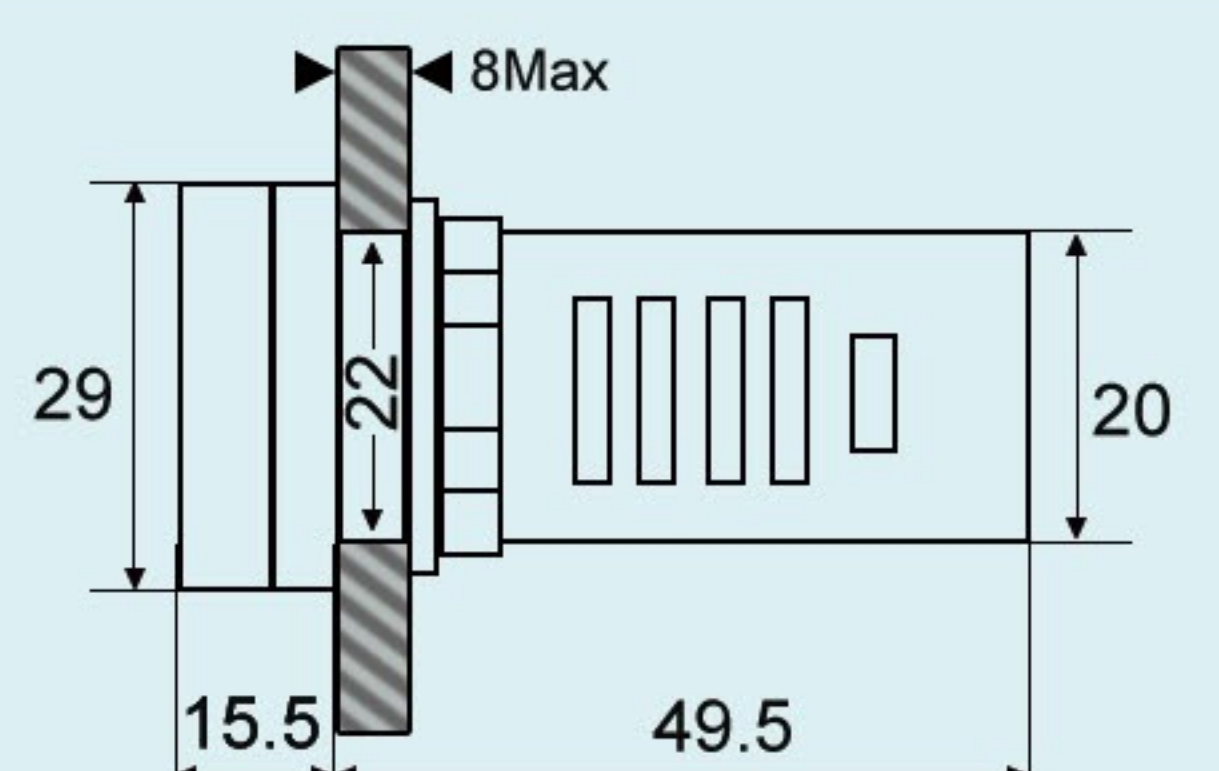
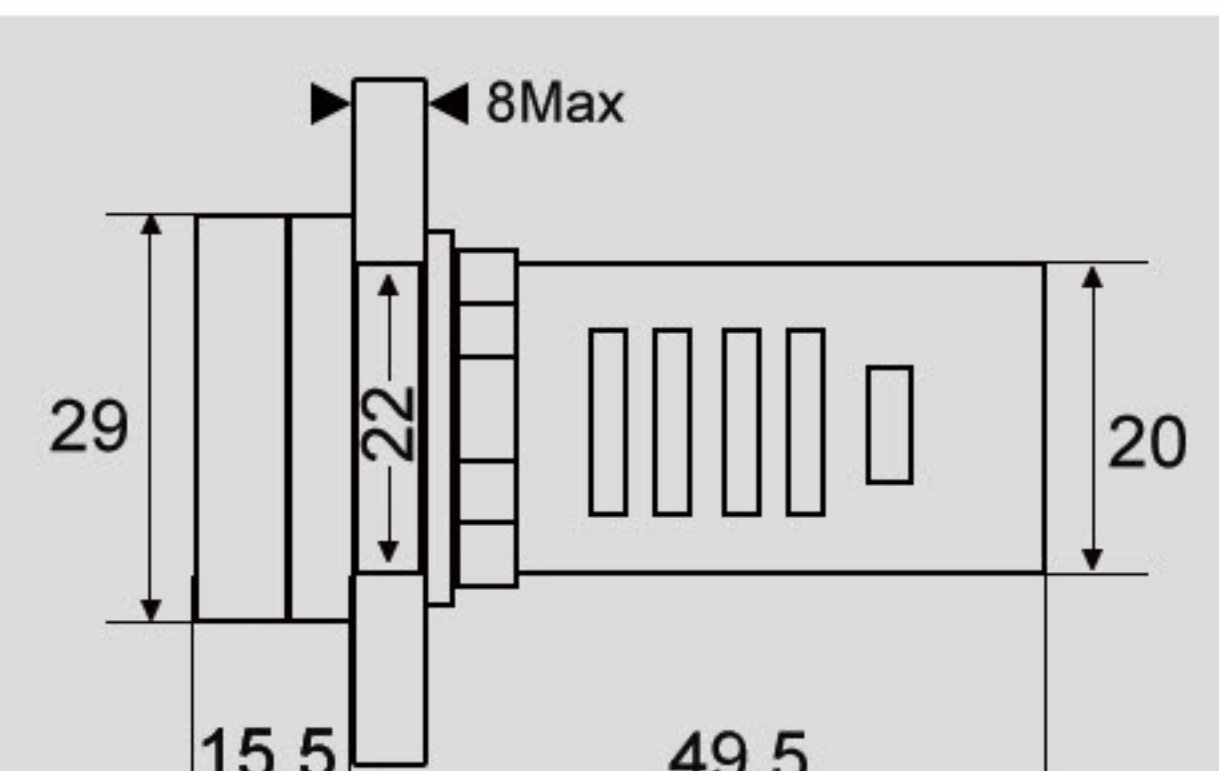
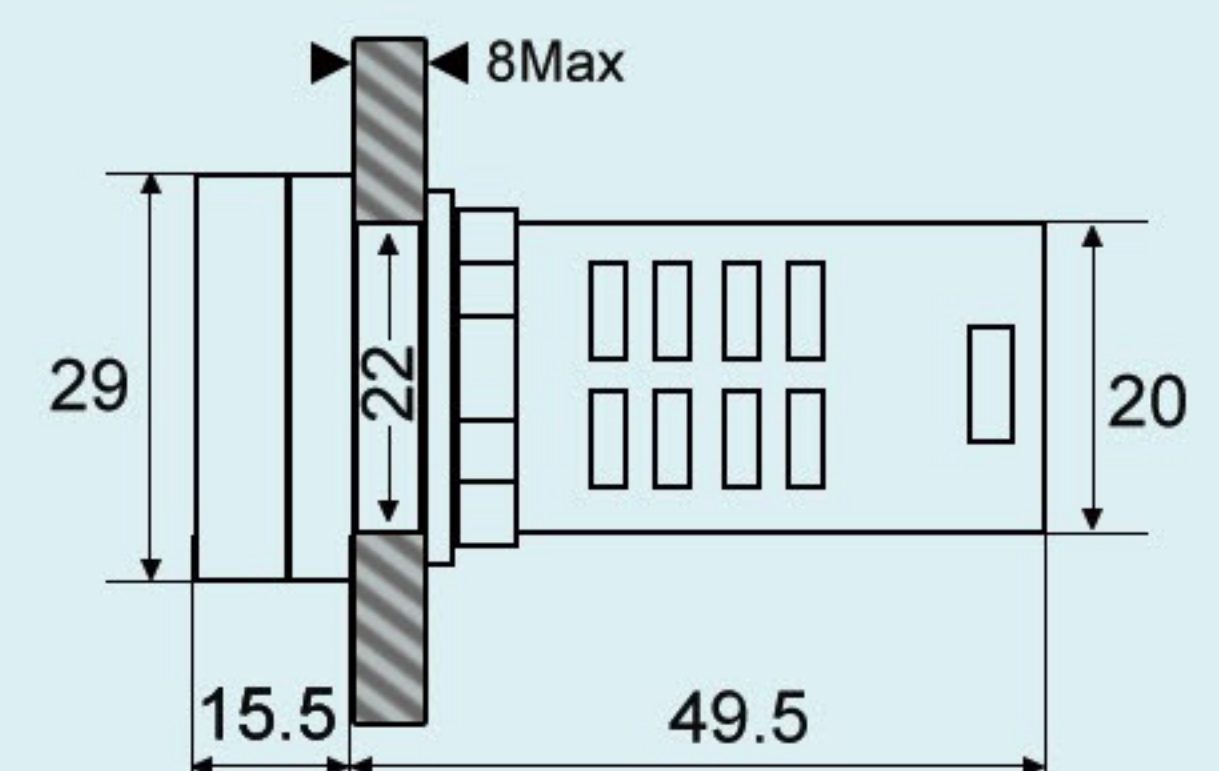
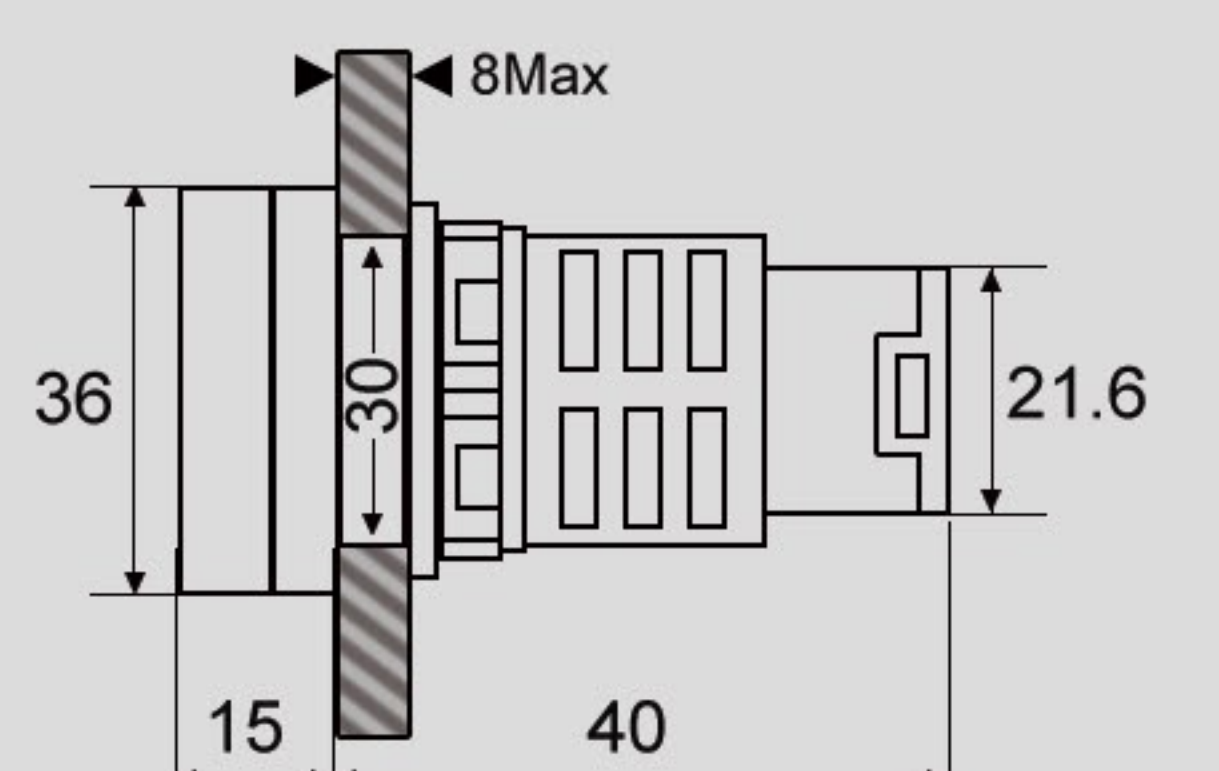
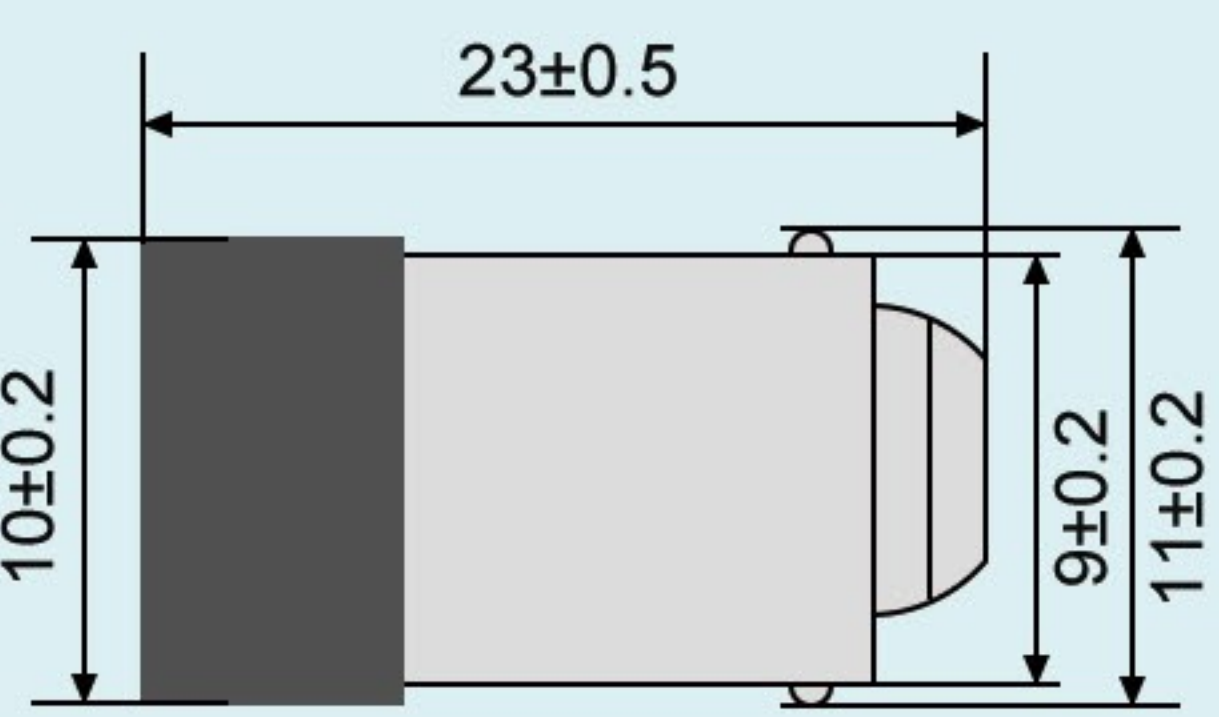


HD16 系列 指示灯 HD16 Series Signal Lamp

 工作电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V	 外壳材料 COLOR	外壳：塑料 Shell: Plastic
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外形图 Shape	类型 Type	型号 Model	颜色 Color	电压 Voltage	尺寸图 Outline Dimensione
	信号灯LED Indicator lamp LED	HD16-16BS	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue 白色 White	AC 110-380V AC/DC 6-220V	
	信号灯LED Indicator lamp LED	HD16-16DS	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue 白色 White	AC 110-380V AC/DC 6-220V	
	信号灯LED Indicator lamp LED	HD16-22DH	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue 白色 White	AC 110-380V AC/DC 6-220V	
	信号灯LED Indicator lamp LED	HD16-22DS	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue 白色 White	AC 110-380V AC/DC 6-220V	
	信号灯LED Indicator lamp LED	HD16-30DS	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue 白色 White	AC 110-380V AC/DC 6-220V	
	测试信号灯LED Test indicator lamp LED	HD16-22D/T	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue 白色 White	AC 110-380V AC/DC 6-220V	
	双色信号灯LED Double color indicator lamp LED	HD16-22/RG	XD-X1 红色 Red lamp XD-X2 绿色 Green lamp	AC 110-380V AC/DC 6-220V	

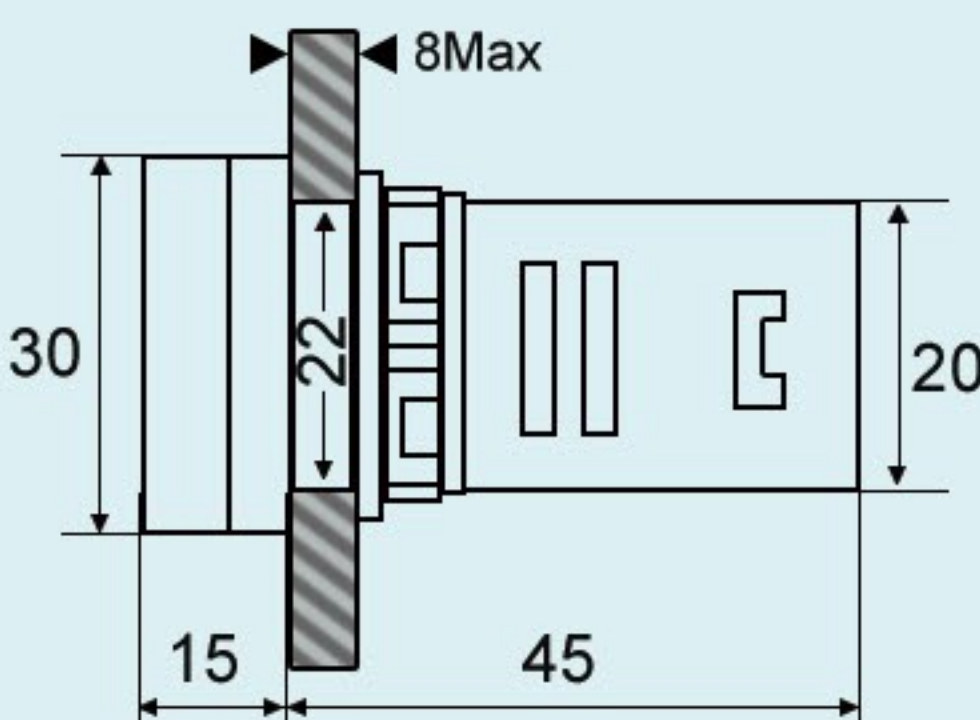
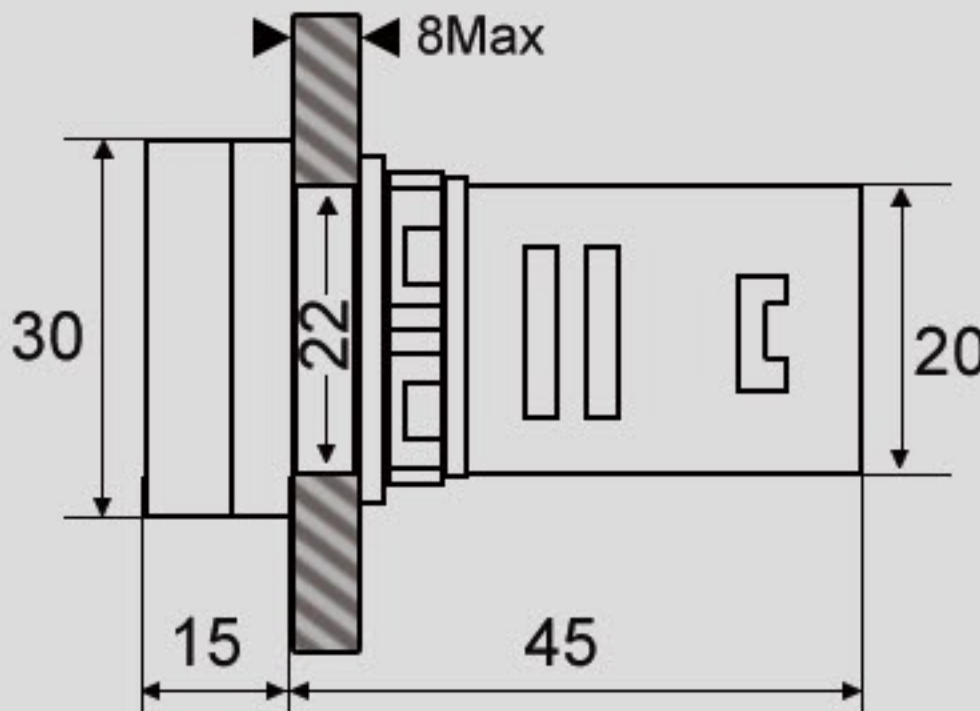
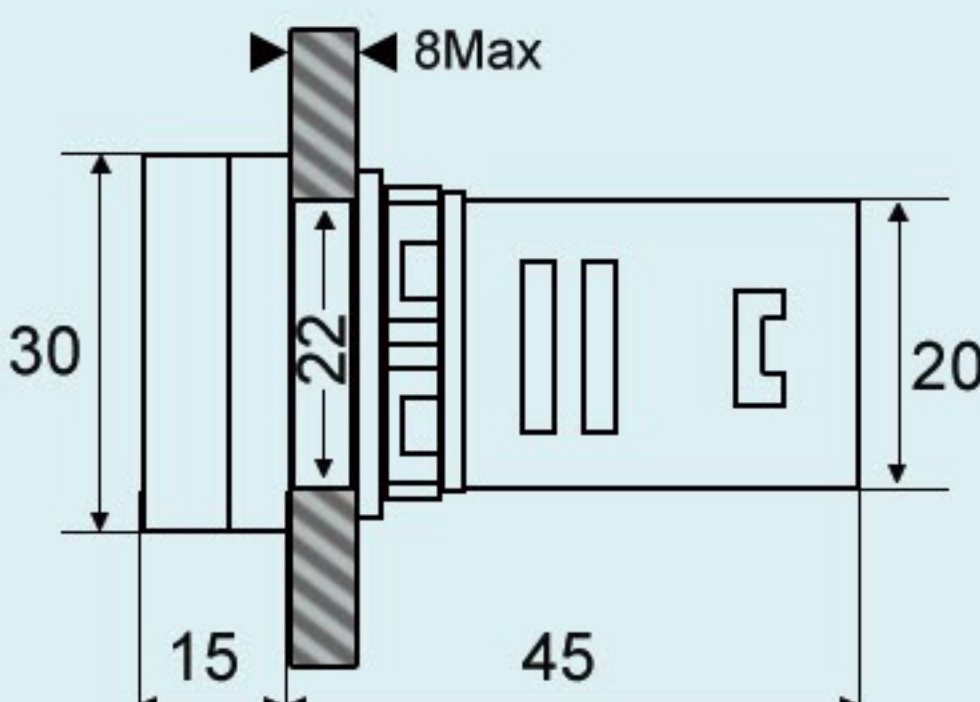
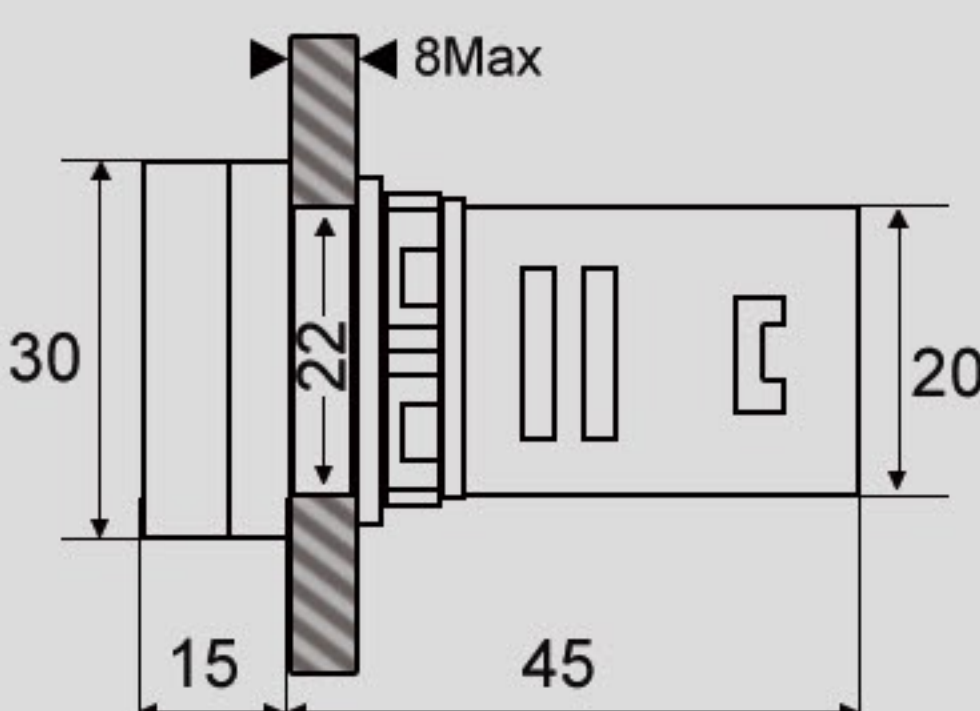
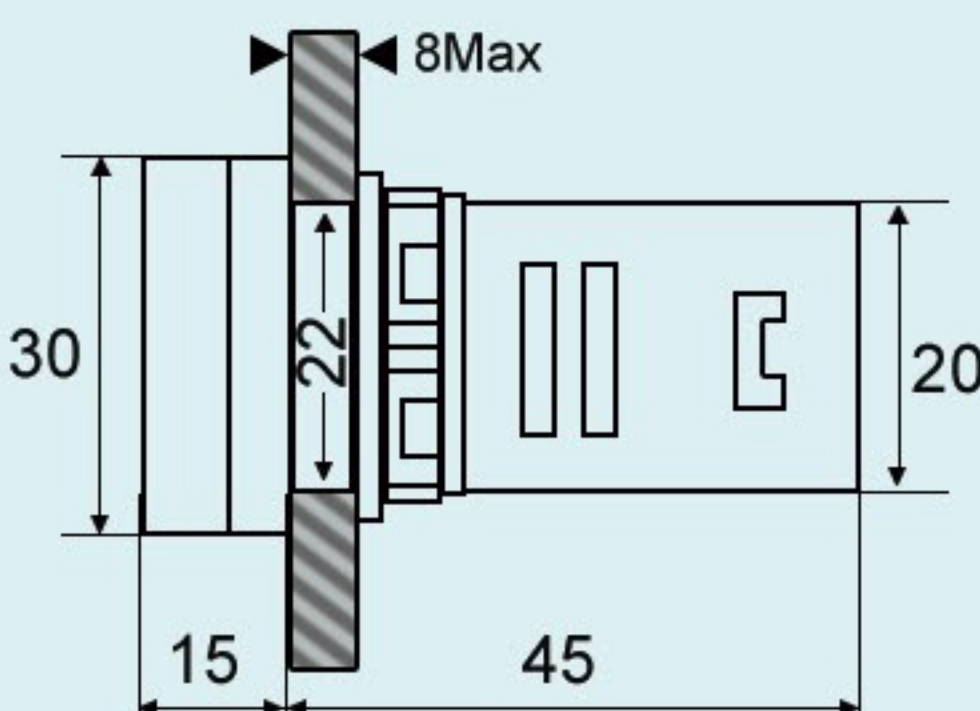
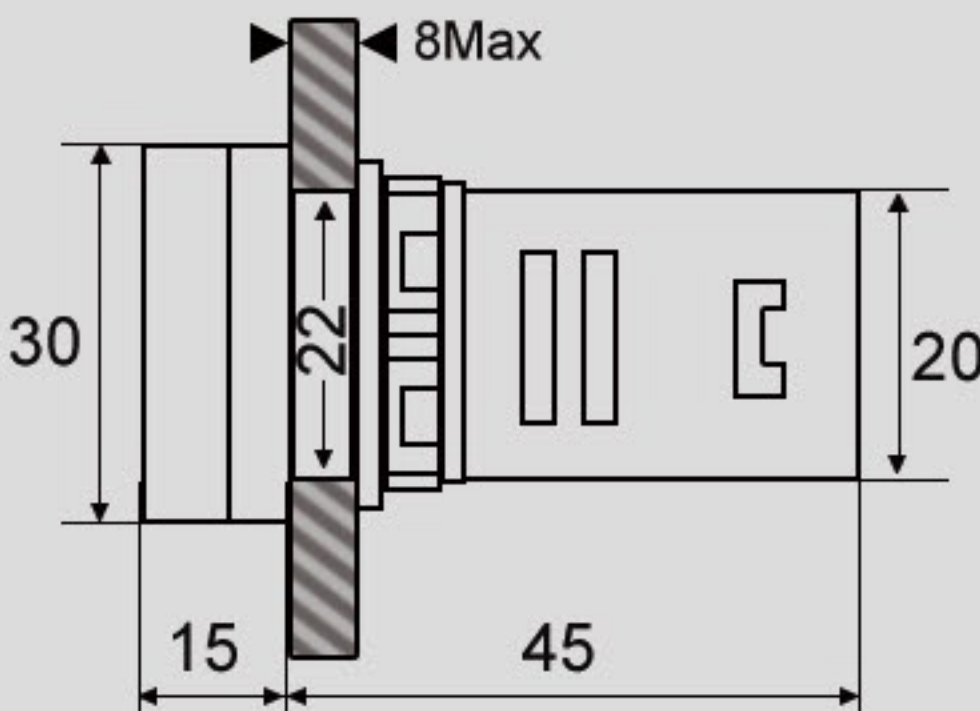
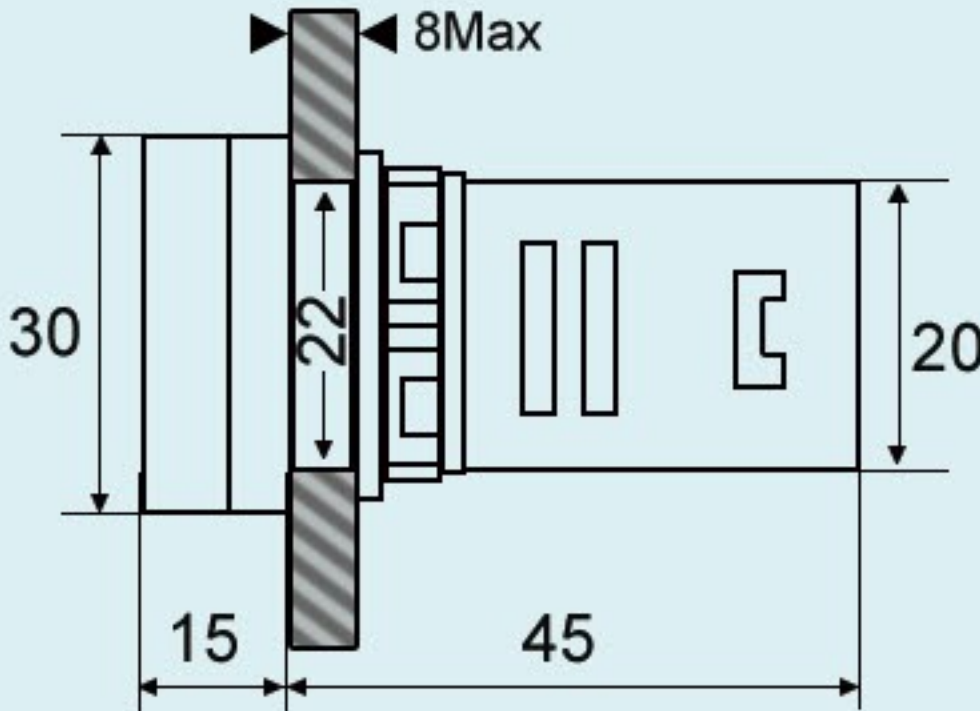
HD16 系列指示灯 HD16 Series Signal Lamp

工作电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V	外壳材料 COLOR	外壳：塑料 Shell: Plastic		
外形图 Shape	类型 Type	型号 Model	颜色 Color	电压 Voltage	尺寸图 Outline Dimensione
	蜂鸣器 Buzzer	HD16-16M	红色 Red 绿色 Green 黑色 Black	AC 110-380V AC/DC 6-220V	
	闪光蜂鸣器 Flash buzzer	HD16-16SM	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	AC 110-380V AC/DC 6-220V	
	蜂鸣器 Buzzer	HD16-22M	红色 Red 绿色 Green 黑色 Black	AC 110-380V AC/DC 6-220V	
	闪光蜂鸣器 Flash buzzer	HD16-22SM	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	AC 110-380V AC/DC 6-220V	
	防水蜂鸣器 Waterproof buzzer	HD16-22SMF	红色 Red 绿色 Green 黄色 Yellow	AC 110-380V AC/DC 6-220V	
	闪光蜂鸣器 Flash buzzer	HD16-30SM	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	AC 110-380V AC/DC 6-220V	
	LED	BA9S	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue 白色 White	AC/DC 6-220V	

HD16 系列指示灯 HD16 Series Signal Lamp

工作电压 LED VOLTAGE (AC/DC)6V-500V	外壳材料 COLOR 外壳：塑料 Shell: Plastic				
外形图 Shape	类型 Type	型号 Model	颜色 Color	测量范围 Voltage	尺寸图 Outline Dimensione
	电压指示灯 Voltage indicator	HD16-22VM	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	AC 20-500V	
	频率指示灯 Frequency indicator	HB16-22HZ	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	0-99Hz	
	电压指示灯 Voltage indicator	HD16-22VM-X	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	AC 20-500V	
	电压指示灯 Voltage indicator	HD16-YMS	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	AC 20-500V	
	电流电压指示灯 Current and voltage indicator	HD16-22VAM	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	0-100A AC 50-500V	
	电流电压指示灯 Current and voltage indicator	HD16-22VAM	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	0-100A AC 50-500V	
	电压指示灯 Voltage indicator	HD16-22VM	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	AC 20-500V	
	电流电压指示灯 Current and voltage indicator	HB16-22AM	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	0-100A Max AC 380V	

HD16 系列指示灯 HD16 Series Signal Lamp

工作电压 LED VOLTAGE	(AC/DC)6V-500V		外壳材料 COLOR	外壳：塑料 Shell: Plastic	
外形图 Shape	类型 Type	型号 Model	颜色 Color	测量范围 Voltage	尺寸图 Outline Dimensione
	频率指示灯 Frequency indicator	HD16-22HZ	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	0-99Hz	
	频率指示灯 Frequency indicator	HB16-22HZS	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue 白色 White	0-99Hz	
	电流指示灯 Current indicator	HD16-22AMS	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	0-100A	
	电压指示灯 Voltage indicator	HD16-YMS	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	AC 20-500V	
	信号灯LED Indicator lamp LED	HD22-22C	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	适用电压 AC 110-380V AC/DC 6-220V	
	信号灯LED Indicator lamp LED	HD22-22C	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	适用电压 AC 110-380V AC/DC 6-220V	
	信号灯LED Indicator lamp LED	HD22-22C	红色 Red 绿色 Green 黄色 Yellow 蓝色 Blue	适用电压 AC 110-380V AC/DC 6-220V	

Series Control Box

防水盒控制开关系列合集

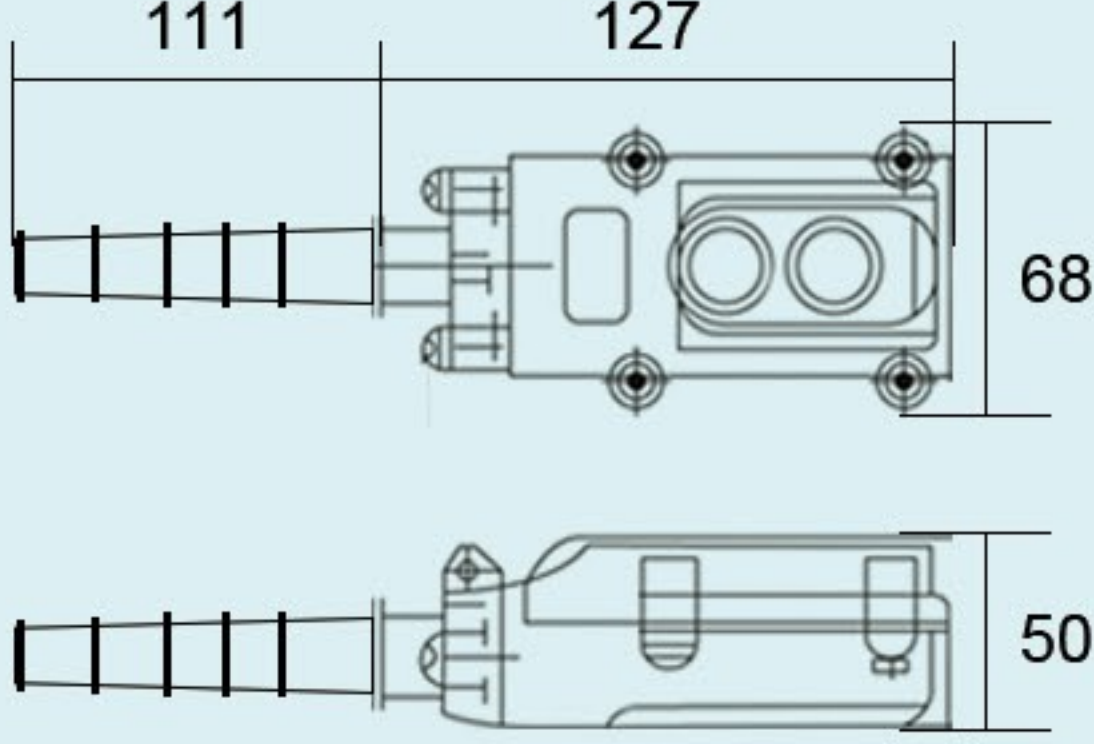
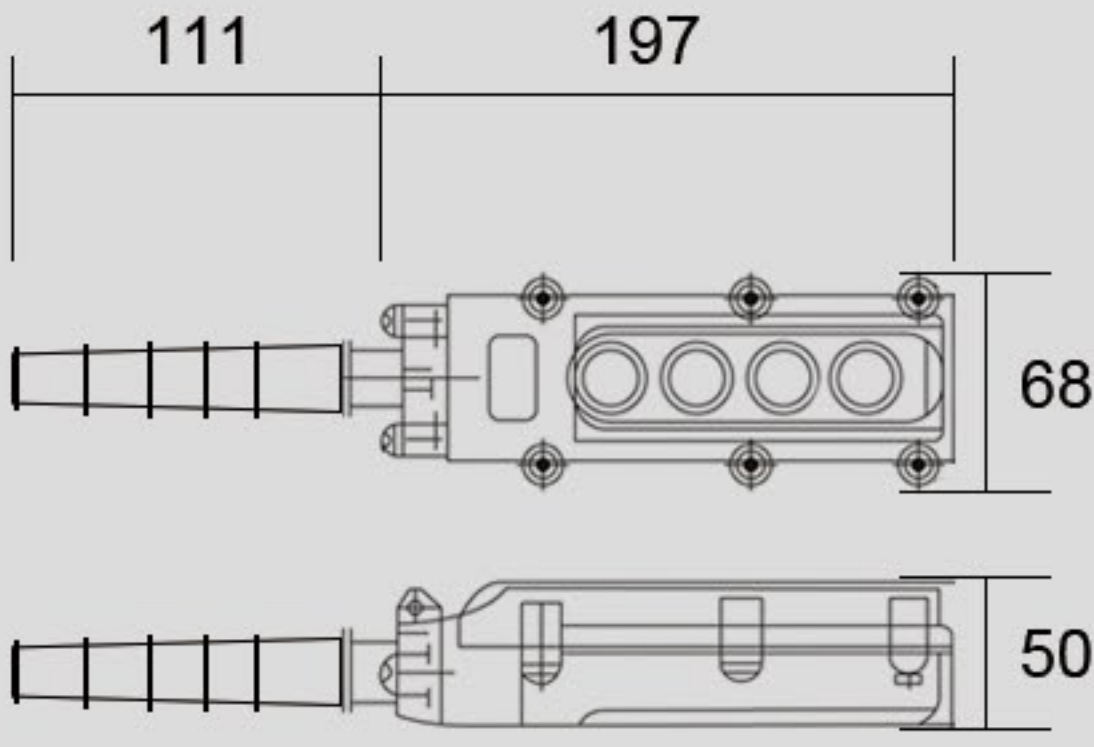
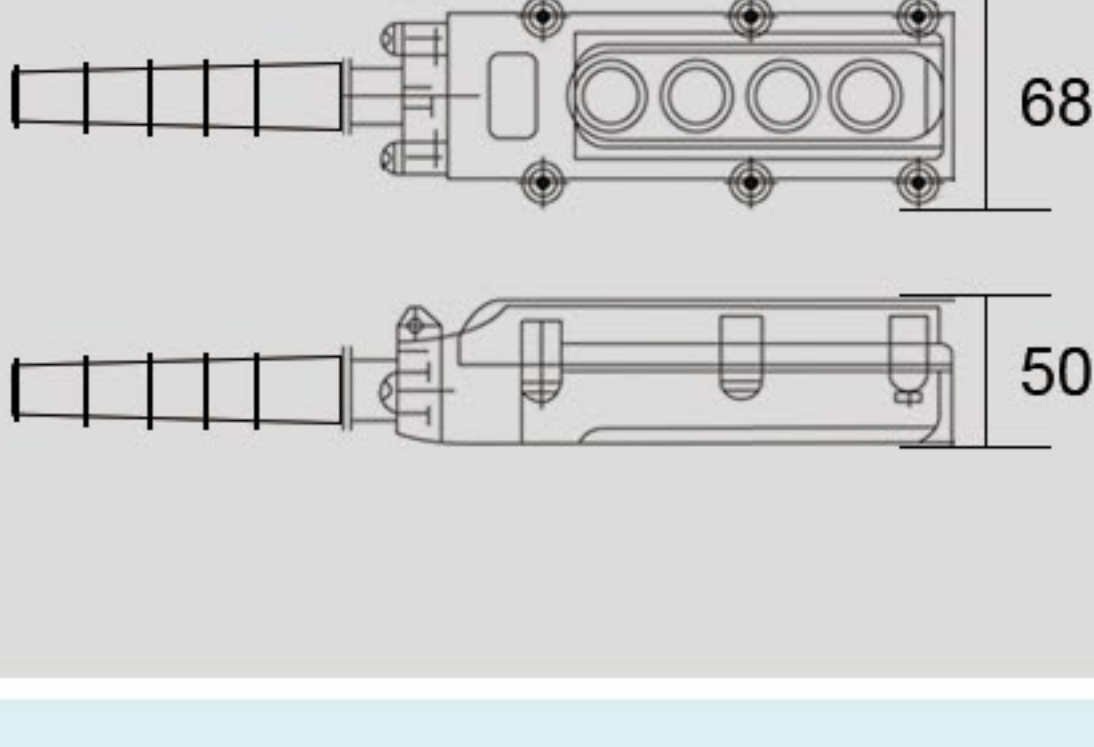
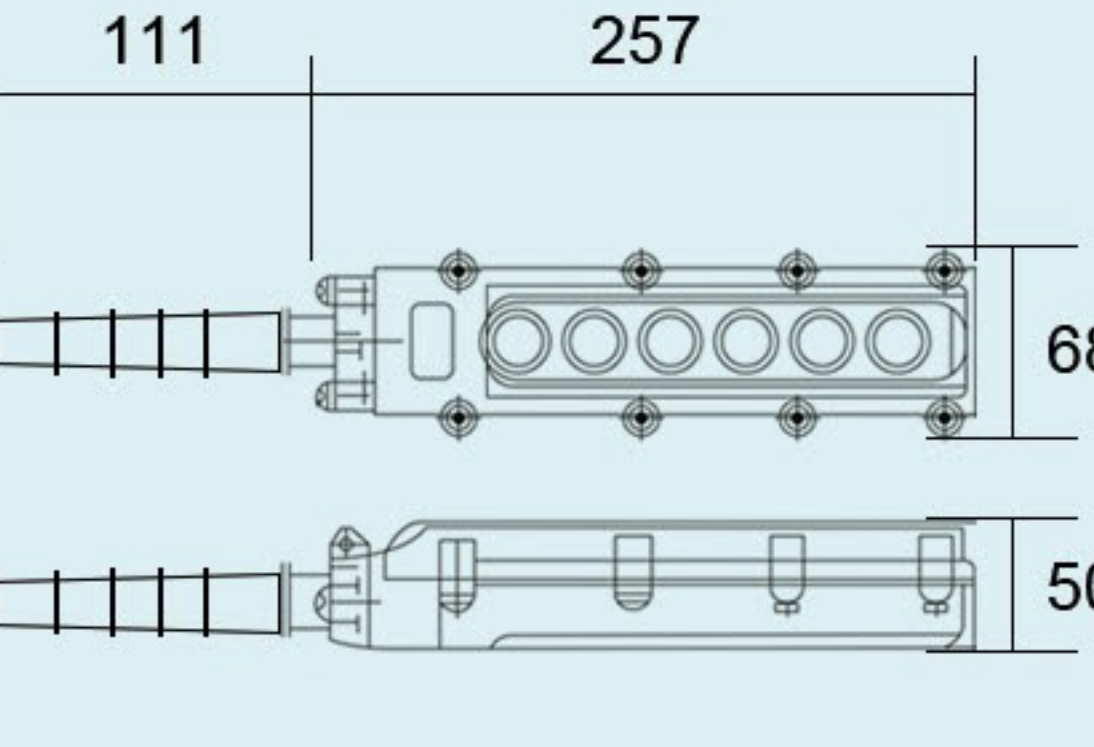
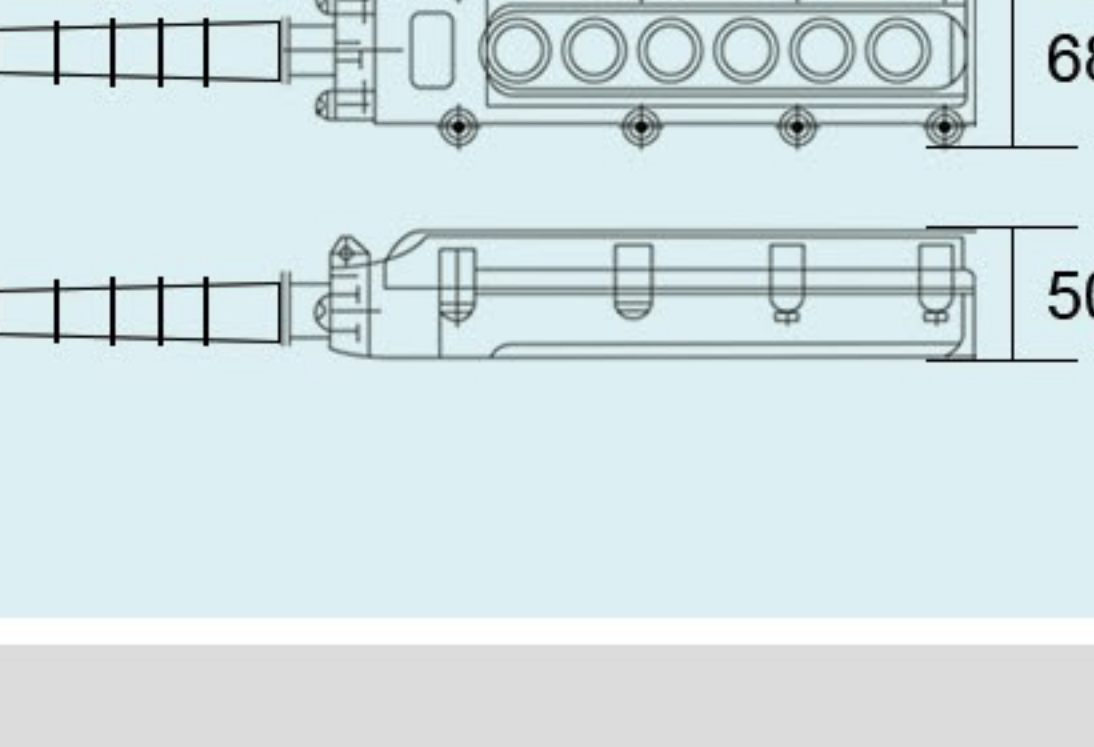
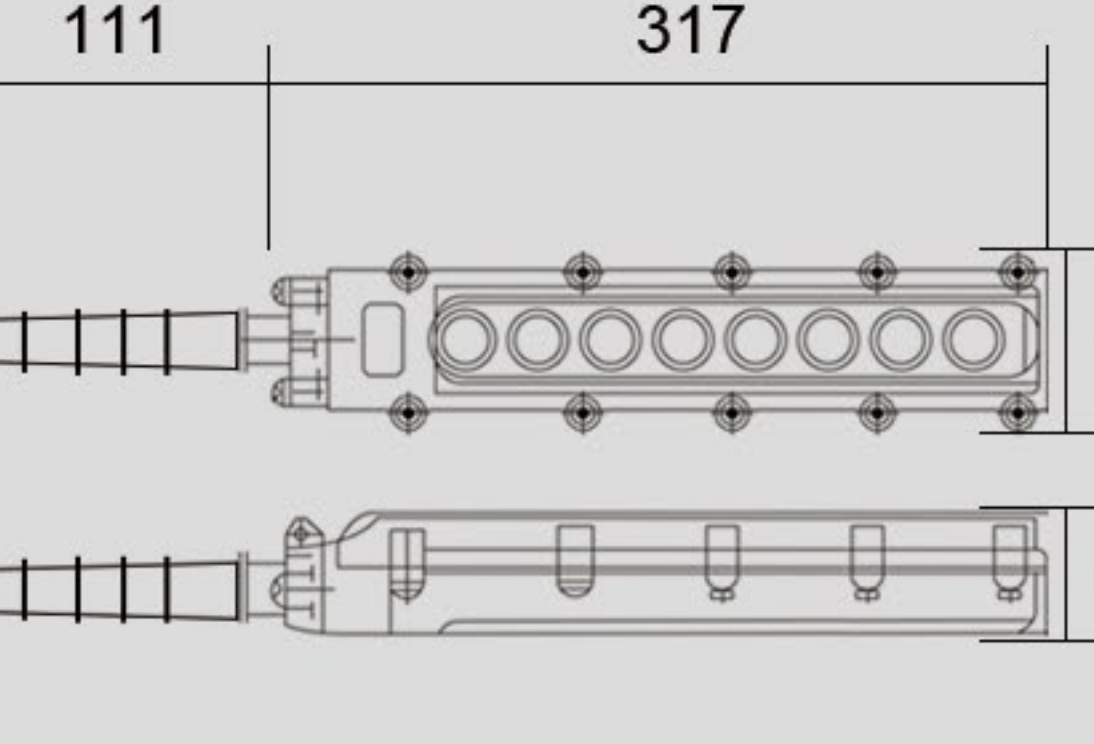
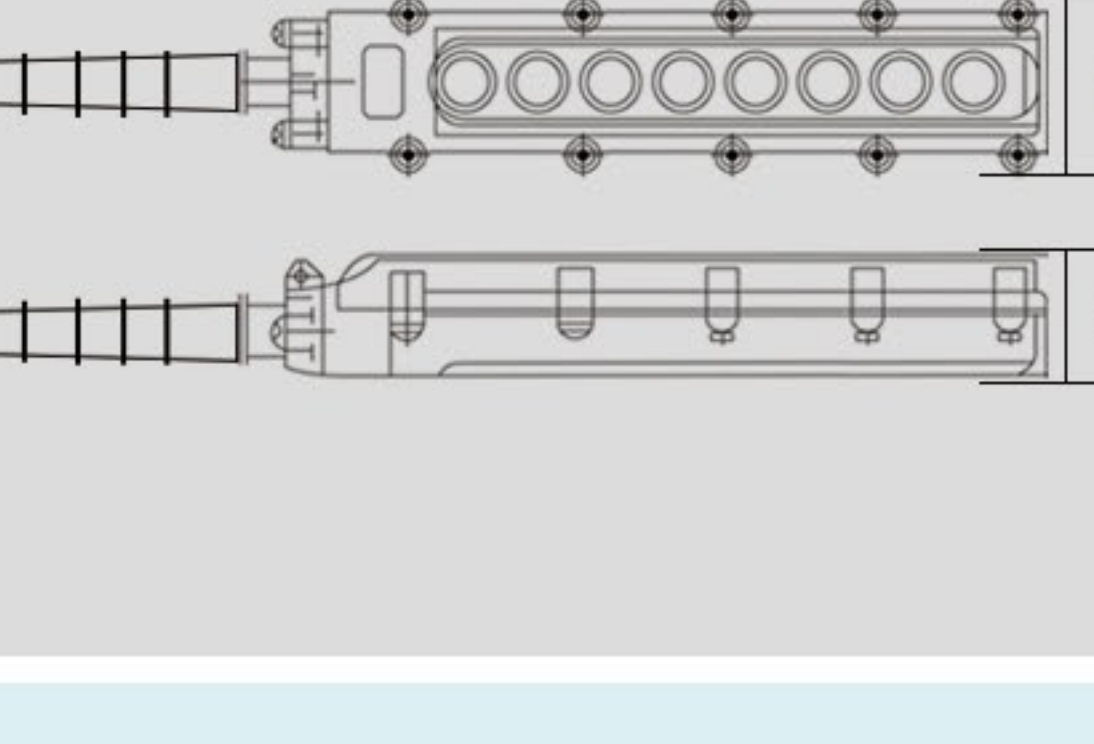
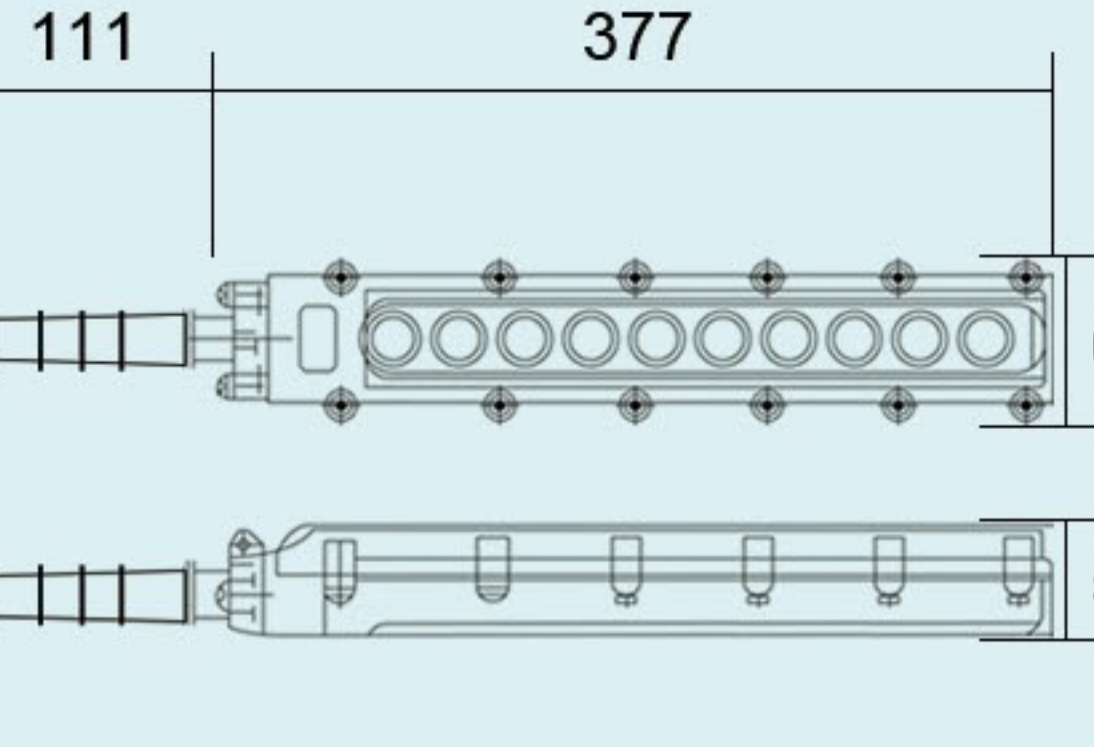
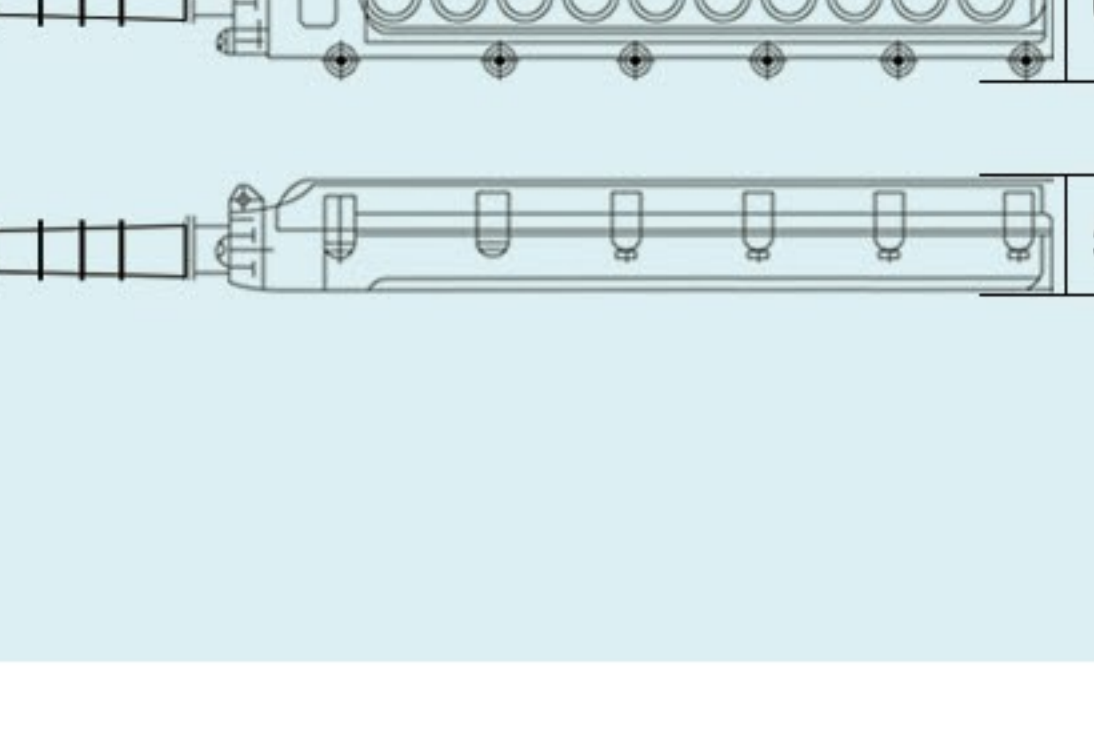
- 1.安装孔尺寸：φ 22mm
- 2.开关额定值：Ui:440V,Ith10A
- 3.机械寿命：≥200万次。
- 4.电气寿命：≥50万次。
- 5.IP65防水防尘



COB 系列 按钮 开关

COB Button Switch

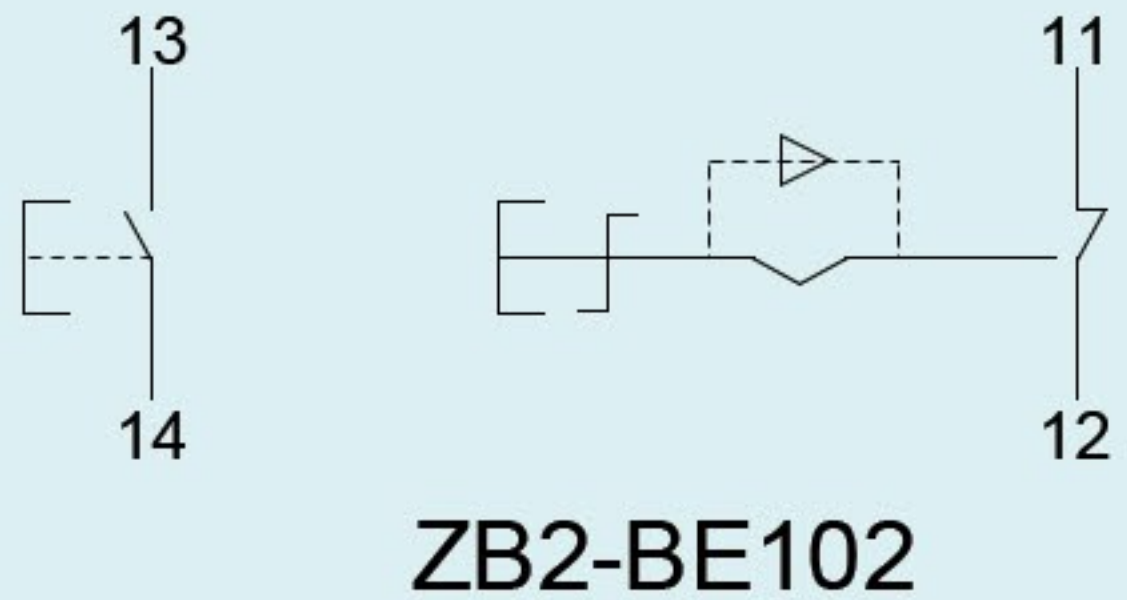
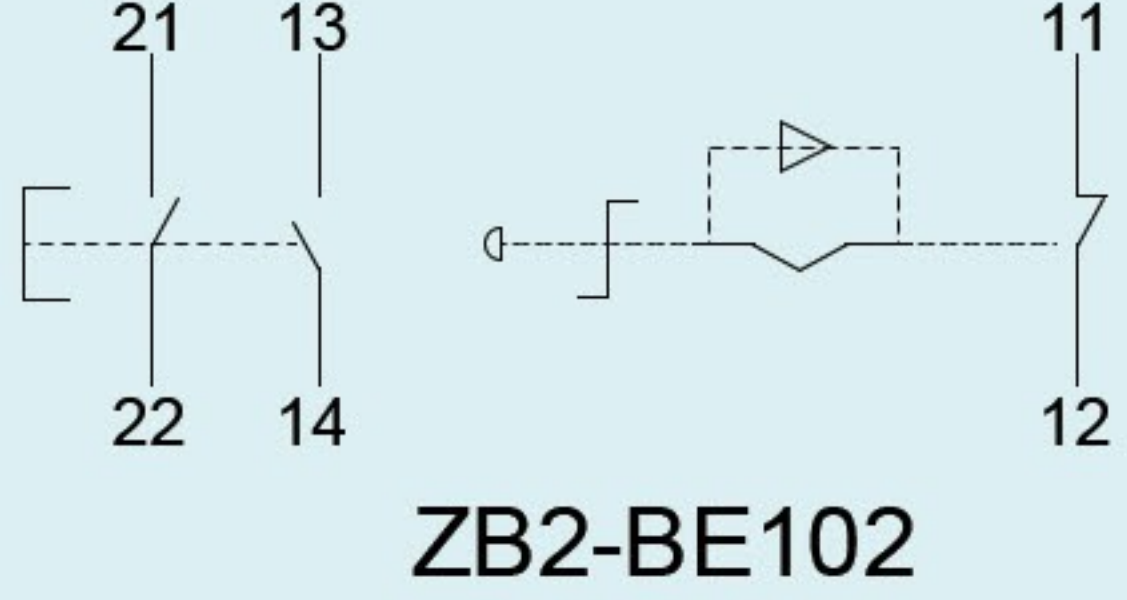
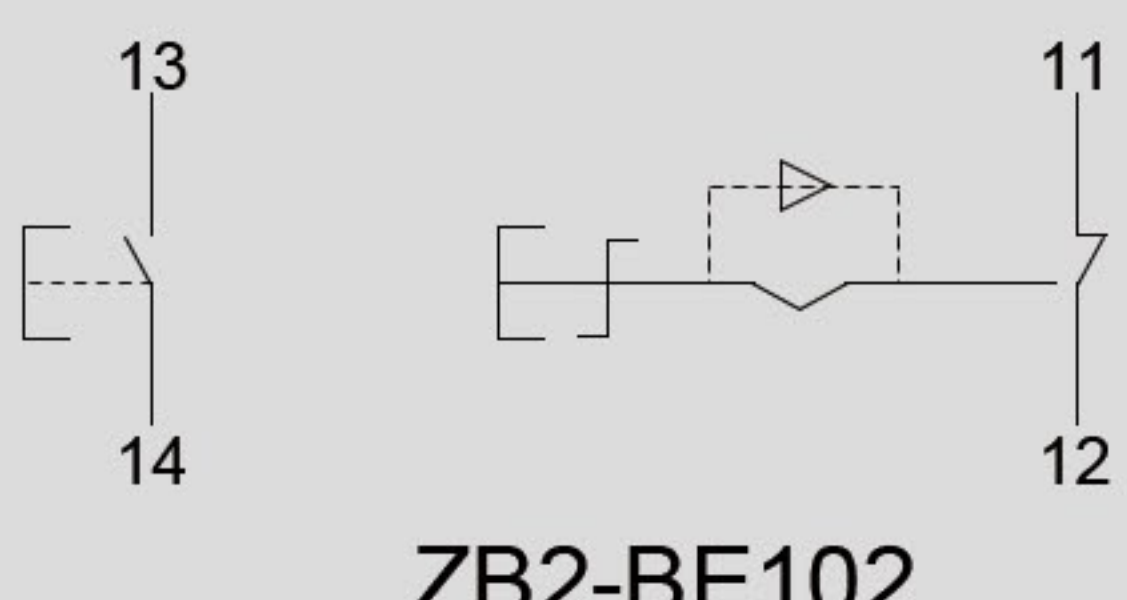
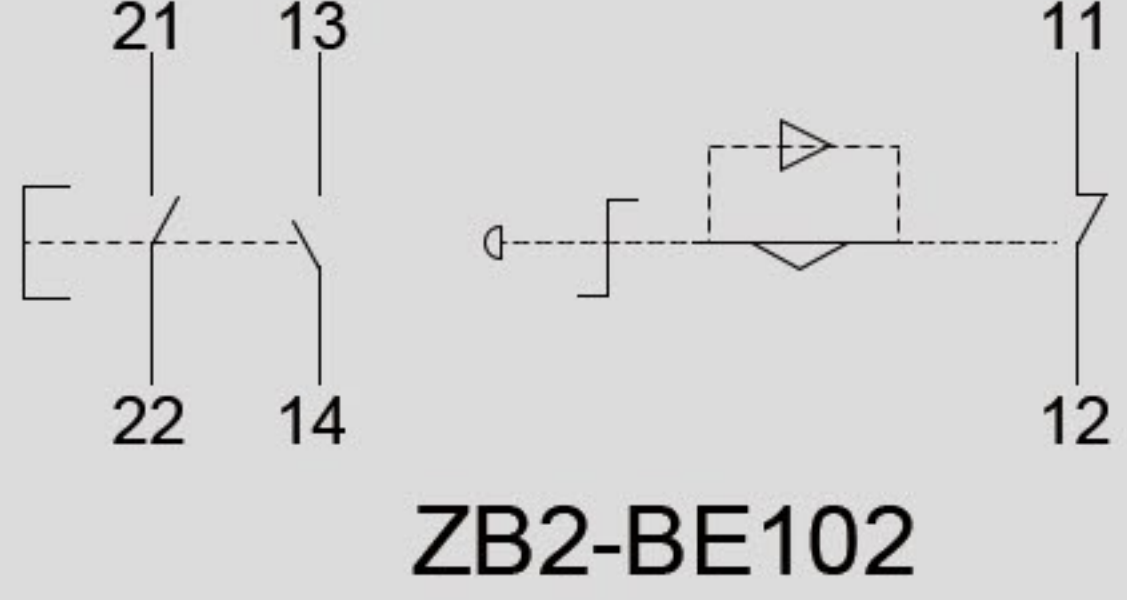
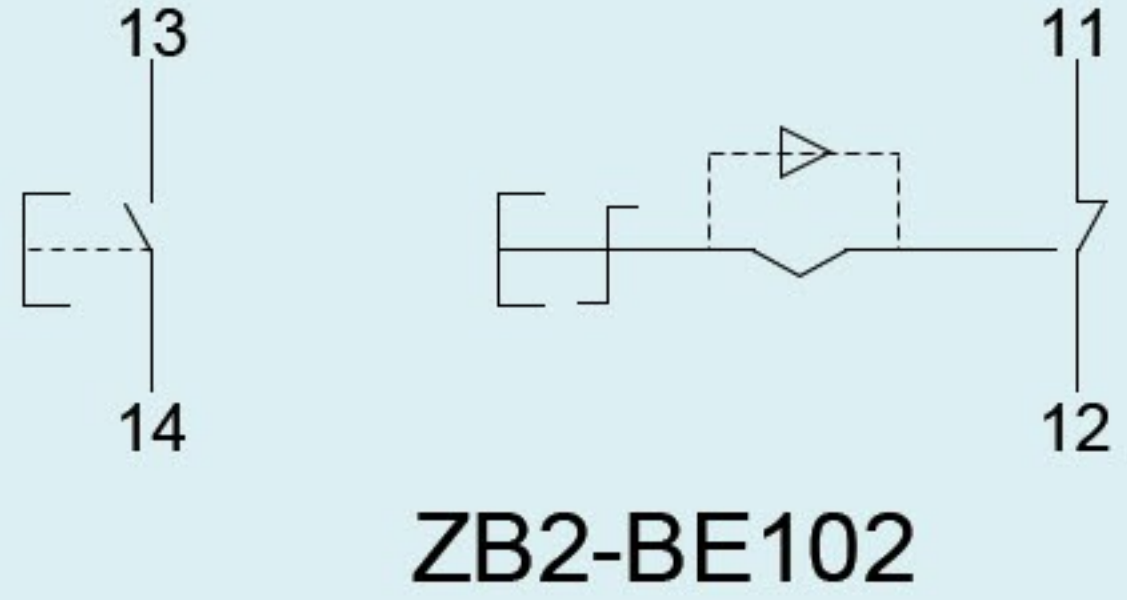
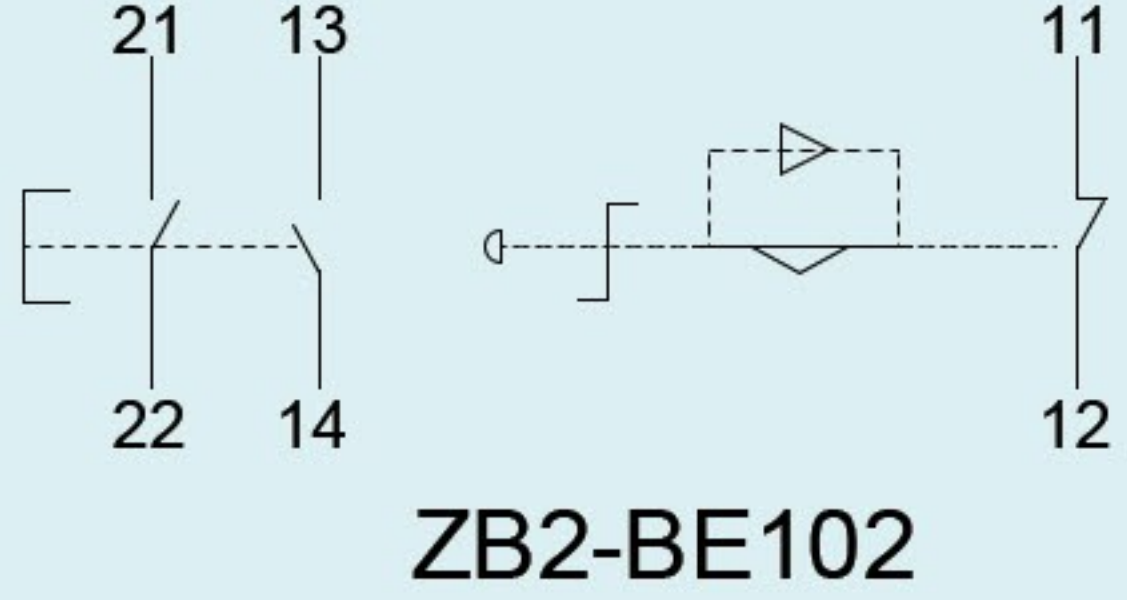
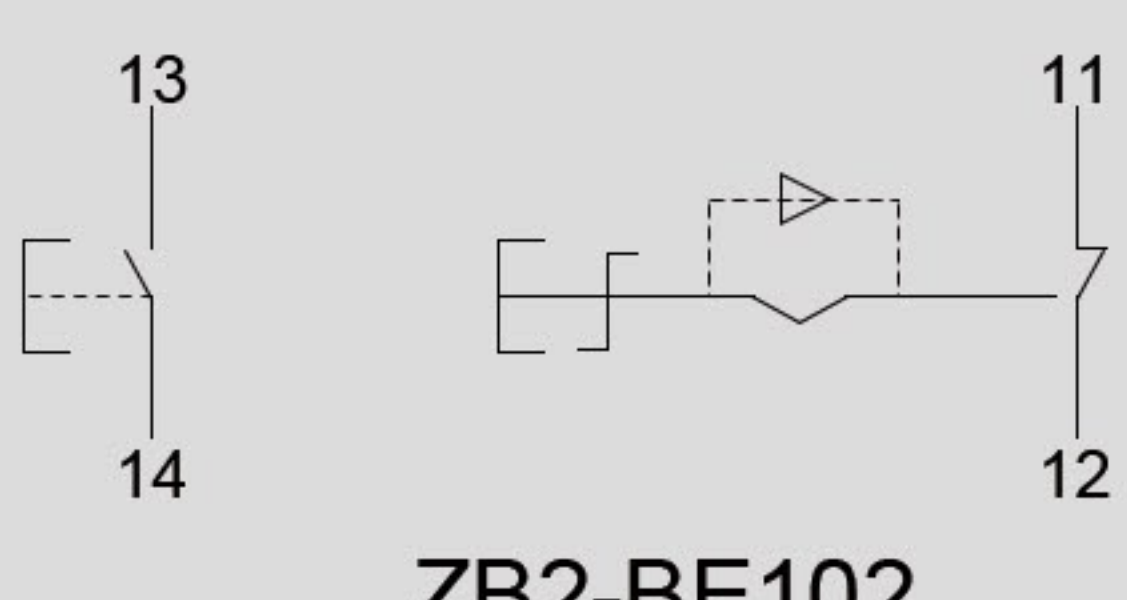
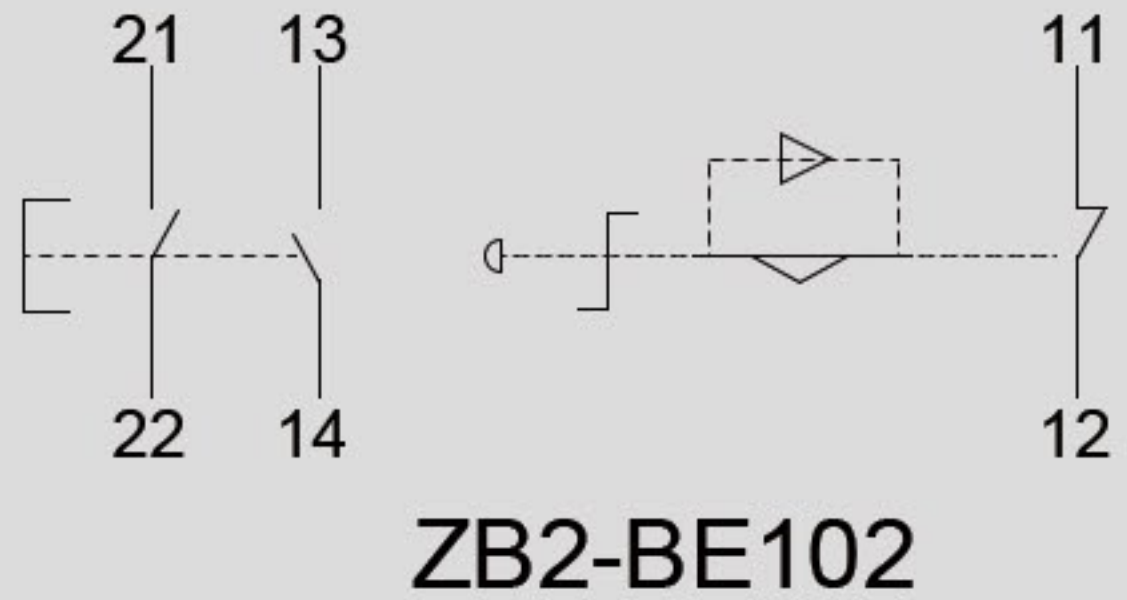
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V		 外壳材料 COLOR	外壳：塑料 Shell: Plastic
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary

外形图 Shape	类型 Type	型号 Model	颜色 Color	触点 Contact	尺寸图 Outline Dimensione
	二钮 2-Fush button spring return	COB-61	上 / 下	2NO	
	四钮 4-Fush button spring return	COB-62	上 / 下 左 / 右	4NO	
	四钮带总开关 2-Fush button spring return with 2-power control Switch	COB-61A	开 / 关 上 / 下	2NO	
	六钮 6-Fush button spring return	COB-63	上 / 下 左 / 右 前 / 后	6NO	
	六钮带总开关 4-Fush button spring return with 2-power control Switch	COB-62A	开 / 关 上 / 下 左 / 右	4NO	
	八钮 8-Fush button spring return	COB-64	上 / 下 左 / 右 前 / 后 快 / 慢	8NO	
	八钮带总开关 6-Fush button spring return with 2-power control Switch	COB-63A	开 / 关 上 / 下 左 / 右 前 / 后	6NO	
	十钮 10-Fush button spring return	COB-65	上 / 下 左 / 右 前 / 后 倒 / 顺 快 / 慢	10NO	
	十钮带总开关 8-Fush button spring return with 2-power control Switch	COB-64A	开 / 关 上 / 下 左 / 右 前 / 后 快 / 慢	8NO	

XAC 系列按钮开关

XAC Button Switch

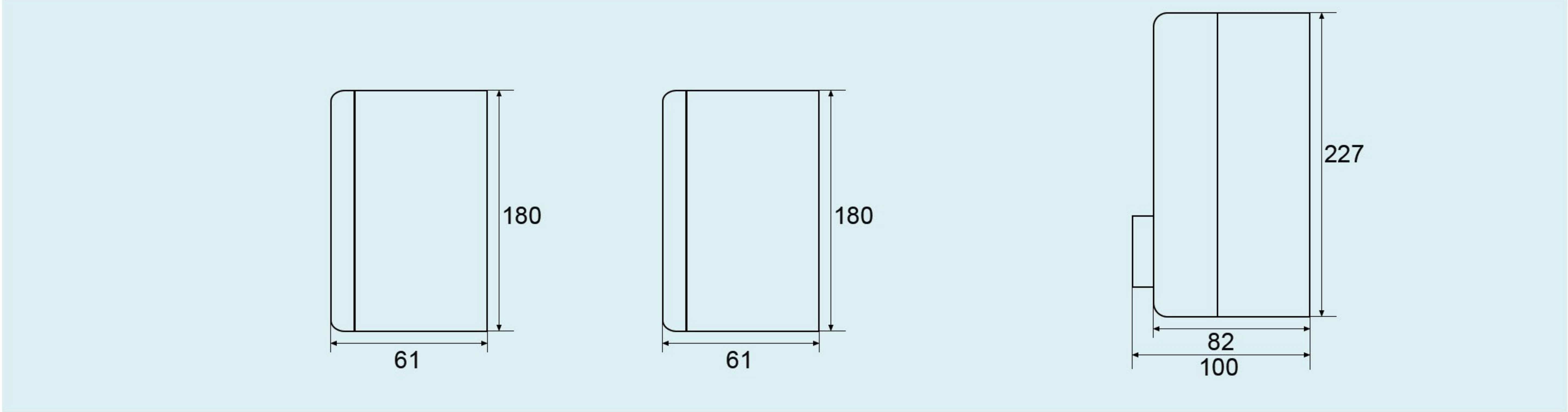
触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	 带灯电压 LED VOLTAGE	(AC/DC)6V/12V/24V/36V/48V/110V/220V (AC)110V/220V/380V	 外壳材料 COLOR	外壳：塑料 Shell: Plastic
	操作位置说明 Position		二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained

外形图 Shape	类型 Type	型号 Model	按“紧急停止”方向的接触块和方案 Contact blocks and scheme per direction for “emergency stop”	
	2钮联锁 1急停 φ 30 2 mechanically interlocked +1 trigger action latching “Emergency stopu” φ 30mm operator 2A2-BS44	XAC-A2713 双钮蘑菇自锁	ZB2-BE101	
		XAC-A2813 双钮蘑菇自锁	ZB2-BE102 + ZB2-BE101	
	4钮联锁 1急停 φ 40 4 mechanically interlocked +1 trigger action latching “Emergency stopu” φ 40mm operator 2A2-BS44	XAC-A4713 四钮蘑菇自锁	ZB2-BE101	
		XAC-A4813 四钮蘑菇自锁	ZB2-BE102 + ZB2-BE101	
	6钮联锁 1急停 φ 40 6 mechanically interlocked +1 trigger action latching “Emergency stopu” φ 40mm operator 2A2-BS44	XAC-A6713 六钮蘑菇自锁	ZB2-BE101	
		XAC-A6813 六钮蘑菇自锁	ZB2-BE102 + ZB2-BE101	
	6钮联锁 1急停 φ 40 6 mechanically interlocked +1 trigger action latching “Emergency stopu” φ 40mm operator 2A2-BS44	XAC-A8713 八钮蘑菇自锁	ZB2-BE101	
		XAC-A8813 八钮蘑菇自锁	ZB2-BE102 + ZB2-BE101	

HAL系列电源检修盒 HAL Series Elevator Maintenance Box

触点结构 CONTACT STRUCTURE	常开/常闭 常开+常闭 2常开/2常闭	防水等级 Waterproof grade	IP65		外壳材料 COLOR	外壳：塑料 Shell: Plastic
		操作位置说明 Position	二位自锁 Two position maintained	二位自复 Two position momentary	三位自锁 Three position maintained	三位自复 Three position momentary

外形图 Shape	类型 Type	型号 Model	触点 Contact	标牌 label	备注 Remarks
	一个蘑菇钮 一个电源插座 1mushroom head button 1electrical socket outlet	HAL-A2	NC	Stop	自锁 Turn to release
	一个蘑菇钮 一个自复平钮 一个电源插座 1mushroom head button 1-spring return push button 1electrical socket outlet	HAL-A3	NO+NC	Stop	自锁 Turn to release
				Start	
					平钮 Flush button
	四个自复平钮 一个蘑菇钮 一个旋钮 一个电源插座 4-spring return push button 1mushroom head button 1selector button 1electrical socket outlet	HAL-A7	NO+NC	Stop	自锁 Turn to release
				Start	
				↑	
				↓	
					旋钮 Selector button



HAL系列防水盒

HAL Series Control Box

防水等级 Waterproof grade	IP65	外壳材料 COLOR	外壳：塑料 Shell: Plastic
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外形图 Shape	型号 Model	说明 Remarks	外形图 Shape	型号 Model	说明 Remarks
	HAL-B1	单孔按钮盒 1 hole control box 外形尺寸Dimensions 长length 72.5mm 宽width 72.5mm 高height 67mm		HAL-J1	单孔按钮盒 1 hole control box 外形尺寸Dimensions 长length 72.5mm 宽width 72.5mm 高height 67mm
	HAL-B2	二孔按钮盒 2 hole control box 外形尺寸Dimensions 长length 105.5mm 宽width 72.5mm 高height 67mm		HAL-J2	二孔按钮盒 2 hole control box 外形尺寸Dimensions 长length 105.5mm 宽width 72.5mm 高height 67mm
	HAL-B3	三孔按钮盒 3 hole control box 外形尺寸Dimensions 长length 138.5mm 宽width 72.5mm 高height 67mm		HAL-J3	三孔按钮盒 3 hole control box 外形尺寸Dimensions 长length 138.5mm 宽width 72.5mm 高height 67mm
	HAL-B4	四孔按钮盒 4 hole control box 外形尺寸Dimensions 长length 171.5mm 宽width 72.5mm 高height 67mm		HAL-J4	四孔按钮盒 4 hole control box 外形尺寸Dimensions 长length 171.5mm 宽width 72.5mm 高height 67mm
	HAL-B5	五孔按钮盒 5 hole control box 外形尺寸Dimensions 长length 204.5mm 宽width 72.5mm 高height 67mm		HAL-J5	五孔按钮盒 5 hole control box 外形尺寸Dimensions 长length 204.5mm 宽width 72.5mm 高height 67mm

按钮配件 Button Fitting

外形图 Shape	型号 Model	说明 Remarks	外形图 Shape	型号 Model	说明 Remarks
	标牌框 Symbol sign (22x11) (22x18) (25x11) (25x18) (30x11) (16x18)	安装在Φ22的指示灯、按钮上做符号指示或文字说明使用，抽出式结构，可更换标志纸。 installed on the φ22 indicator light push button to symbol instructions and explanation.		急停按钮防护盖 Emergency stop button protect cover φ22	安装在按钮头部可防撞、防误动。 Installed on the head of button to avoid moves.
	防水罩 Waterproof	套在按钮头部使产品防护等级提升至（防水、防油）作用。 To protect and waterproof cover.		急停按钮防护盖 Emergency stop button protect cover φ22	安装在按钮头部可防撞、防误动。 Installed on the head of button to avoid moves.
	面板塞 (φ22) 面板塞 (φ30) 面板塞 (φ16) Blank plug	用于装饰预留孔或多余孔。 Holes closed with plug.		按钮导轨架 Emergency stop button protect cover φ22	将HB38或HB2按钮安装在按钮架上，在将按钮架安装到导轨上。 Install HB38 or HB2 buttons on the Pushbutton Rack and install the pushbutton rack on the guide rail.
	保护圈 (φ22) Blank plug	安装在按钮头部可防撞、防误动。 Installed on the head of button to avoid moves.		急停按钮防护盖 Emergency stop button protect cover φ22	安装在按钮头部可防撞、防误动。 Installed on the head of button to avoid moves.
	保护圈 (φ22) Blank plug	安装在按钮头部可防撞、防误动。 Installed on the head of button to avoid moves.		急停按钮防护盖 Emergency stop button protect cover φ16	安装在按钮头部可防撞、防误动。 Installed on the head of button to avoid moves.
 φ22xφ40	警告圈 Notice platie	用于紧急停止按钮标示作用。 A emergency stop sign.		急停按钮防护罩 Emergency stop button protect cover φ16	安装在按钮头部可防撞、防误动。 Installed on the head of button to avoid moves.
 φ22xφ60	警告圈 Notice platie	用于紧急停止按钮标示作用。 A emergency stop sign.		按钮防护罩 Push button protect cover	安装在按钮头部可防撞、防误动。 Installed on the head of button to avoid moves.
 φ22xφ75	警告圈 Notice platie	用于紧急停止按钮标示作用。 A emergency stop sign.		按钮防护罩 Push button protect cover	安装在Φ22蘑菇钮急停按钮头部可防撞、防误动。 Installed on the φ22 mushroomhead of button to avoid moves.

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总部：浙江华武电器有限公司
ZHEJIANG HUAWU ELECTRIC CO.,LTD.
地址：中国·温州柳市镇象阳工业区德美路

上海华武电器有限公司
SHANGHAI HUAWU ELECTRIC CO.,LTD.
地址：上海市金山区朱行镇张漕公路2165号

深圳市利明按钮制造有限公司
SHENZHEN LIMIN PUSH BUTTON FACTORY
地址：深圳市福田区南园街道锦龙社区南园路201号