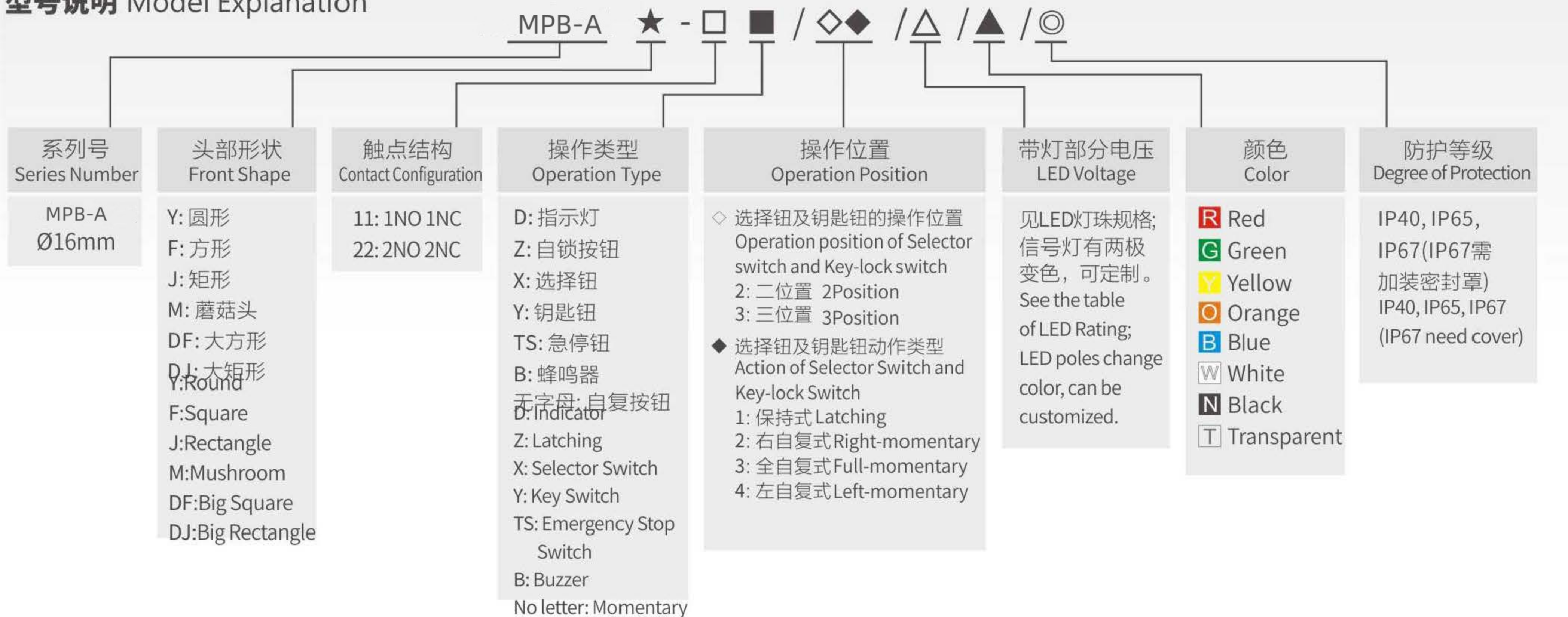


MPB-A 按钮开关系列



型号说明 Model Explanation



性能参数 Parameters

环境温度 Operating Temperature	-25℃~+55℃ (无冰冻)照明开关本体周围 必须空气流通 (No freezing) Keep the air flowing aground illuminated pushbutton	介电强度 Dielectric Strength	触点与灯珠引脚之间 Contact between lamp bead pin 2000V,AC50Hz,1min 同极端子之间 Between same class terminal 1000V,AC50Hz,1min
环境湿度 Operating humidity	45~85%RH(无结露) Non condensing	机械寿命 Mechanical Life	不同电极端子之间 Between different electrode terminal 2000V,AC50Hz,1min
触点材料 Contact material	银 Silver 银氧化镉 Silver cadmium oxide 银镀金, 镀层厚 3μm Silver plated gold,Plating thickness 3μm	电气寿命 Electrical Life	100万次 1,000,000 times
接触电阻 Contact Resistance	≤50m Ω	接线 Wiring	3万次以上 Above 30,000 times
绝缘电阻 Insulation Resistance	≥100M Ω	焊接线直径 Dia of welding line 2×0.8mm² 最大铜线面积 Max copper wire area 0.75mm²	
耐振动性 Vibration Resistance	50Hz, 振幅约1.2mm 50Hz,Amplitude about1.2mm	镀金接线插片 Wiring insert 2.8×0.5mm²	
耐冲击性 Shock resistance	>10g	操作行程 Operating distance (按钮)约3mm (Buton)About3mm	

开关额定值 Switch Rating

发热电流Ith Conventional thermal current	5A温度不超过最大额定值所允许的电流 5A(Temperature not more than the maximum allowed continuous working current)
额定电压 Rated Voltage	24V 125V(110V) 250V(220V)
直流 DC	2A 0.2A 0.1A
交流 AC	P.F=1 5A P.F=0.7 3A 2A

LED灯珠规格 LED Lamp Specifications

灯珠类型 Lamp Type	双向LED灯珠(交直流通用) Bi-directional LED lamp (AC DC Universal)	<div>灯珠等效电路</div> <div></div> <div>采用交直流通用的LED灯珠, 接线端子无正负极区分; 灯珠内置保护电阻, 不需外接。 AC-DC Universal LED lamp, terminal differentiate between positive and negative; lamp beads built-in protection resistors, no external.</div>
额定电压 Rated Voltage	1.8V、2.8V、6V、12V、24V、36V、110V、220V	
额定电流 Rated Current	约20mA about 20mA	
发光颜色 Color		
寿命 Life	50000小时(参考值) 50000 hours (reference value)	

注: 如需单向直流LED灯珠可定做; 其他电压规格可按要求定做。  
Note: Unidirectional DC LED lamp can be customized if needed; other voltage specifications could be special made

开关结构说明 Switch Structure Explanation

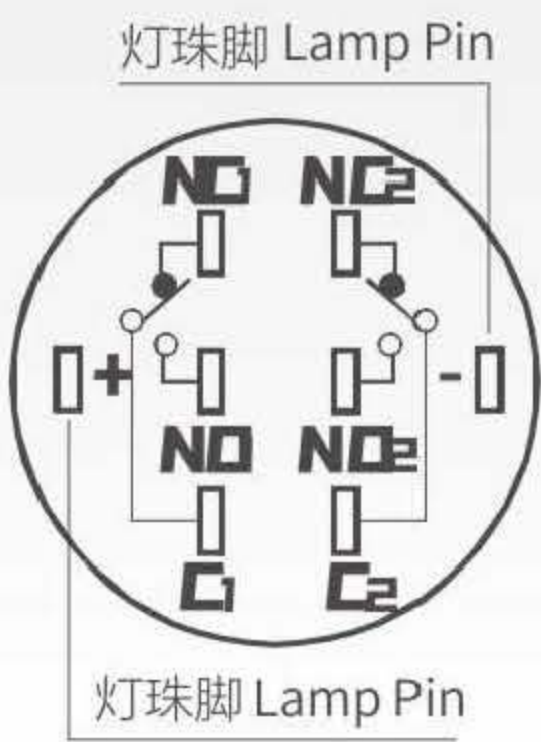
型式Type	符号 Symbol	示意图 Diagram	说明 Explanation
C			具有三个端子的单断点快动转换触头开关 Single breakpoint snap-action contacts switch with three terminals.



MPB-A Series Pushbutton Switches



引脚说明 Pin Description





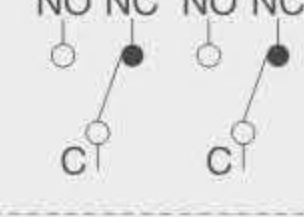
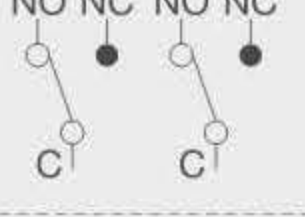




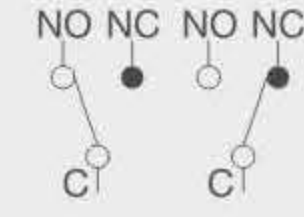
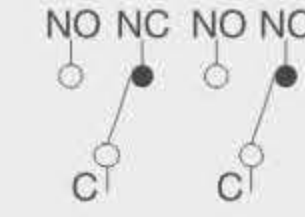
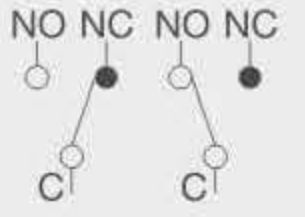


- 最多可配置两组开关;
- C1、NO1、NC1和C2、NO2、NC2分别为一组开关;
- C脚为公用脚，NO脚为常开脚，NC脚为常闭脚;
- +,-脚为灯珠引脚，常规灯珠配置无正负极区分;
- 灯珠与开关相对独立，可通过开关或外围电路控制灯珠状态。
- Can be configured up to two sets of switches.
- C1, NO1, NC1 and C2, NO2, NC2, are a set of switches respectively;
- Pin C is utility pin and pin NO is normally open pin, pin NC is normally closed;
- +, - pins are LED lamp pins, normal lamp configuration has no differentiate between positive and negative;
- LED and switch pin are separated, but switch and external circuit can control the LED state by connecting the LED pin.

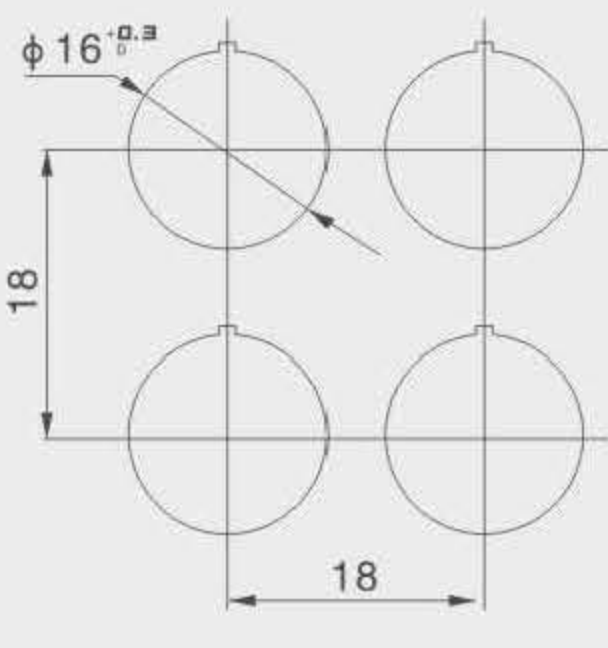
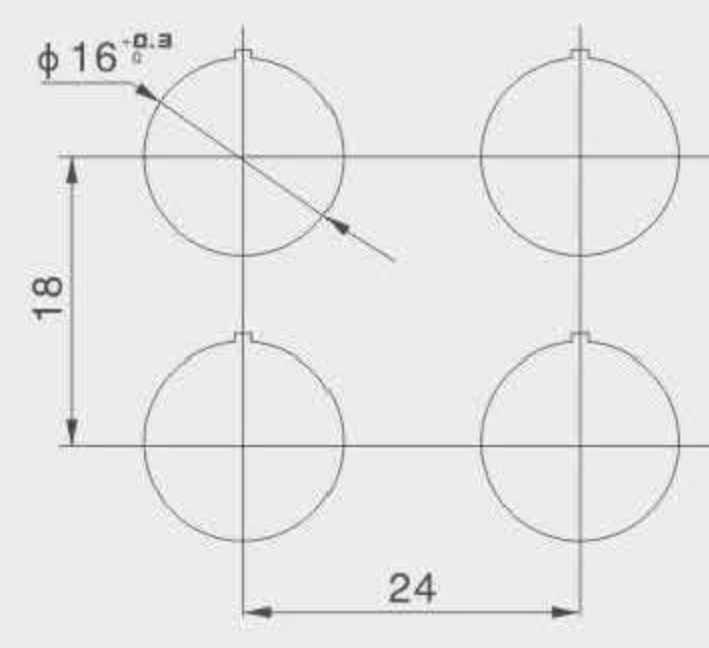
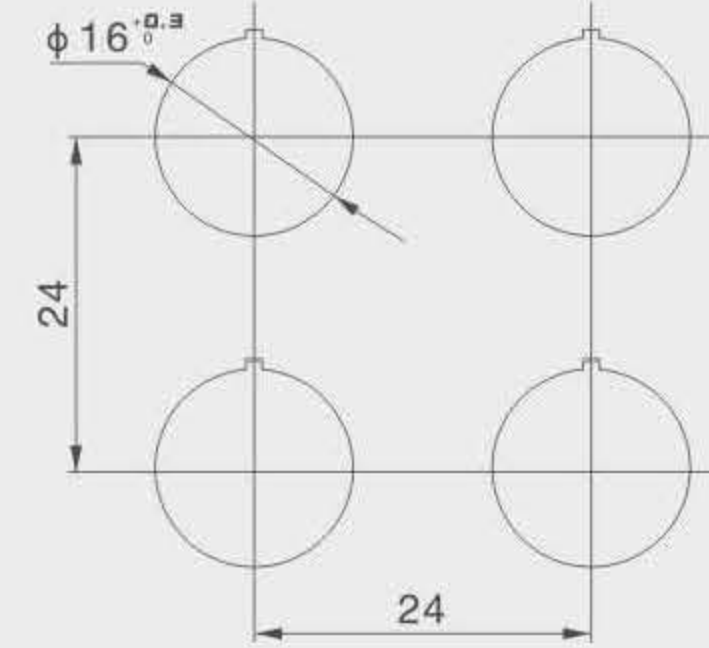
选择钮、钥匙钮操作位置 Operation position of Selector switch and Key switch

区分 Sort	复位方式 Reset Style			钥匙拔出位置/Key out Positon						
	自锁 Latching	自复 Momentary								
2段 2Positon	⊗	⊙			↙	↘	↗			
代号 Code	21	23			A	B	D			
3段 3Positon	⊕	⊙	⊙	⊙	↙	↘	↗	⊙	⊙	⊙
代号 Code	31	32	34	33	A	B	C	D	E	F

选择/钥匙开关旋转角度90°是基本 Selector/Key switches basic rotation angle 90°

操作位规格 Operation					触点 Contact	↙	↑	↗
90° 2位 2 Positon	 自锁 Latching	 自复 Momentary			1NO1NC			
					2NO2NC			
45° 3位 3 Positon	 自锁 Latching	 左锁右复 Left lock Right reset	 左复右锁 Left reset Right lock	 自复 Momentary	3NO3NC			

安装孔尺寸 Mounting Hole Size

圆形 Round 方形 Square	矩形 Rectangle 大矩形 Big Rectangle	蘑菇形 Mushroom 大方形 Big Square
		

安装效果预览 Installation Effect Preview



面板的深度方向尺寸统一，所有产品都为30.2mm。因此可减少控制框的厚度，此外，端子均从操作面板背面方向伸出，方便配线作业。

The depth of panel is uniform, all products are 30.2mm, therefore, the thickness of control frame can be reduced, besides, the terminals are extended from the back of operation panel to take convenience for wiring.