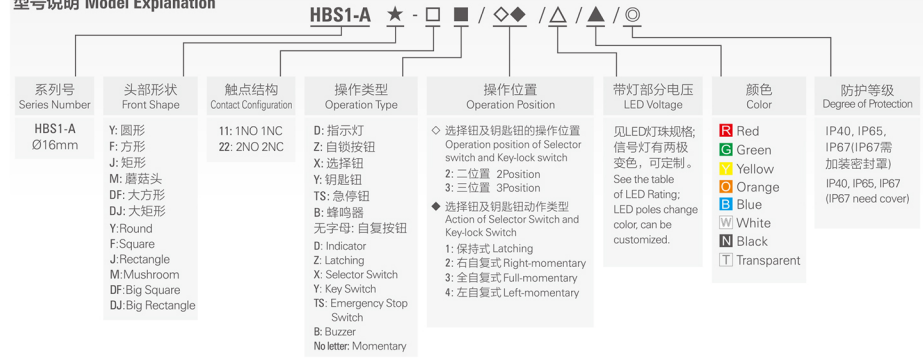


HBS1-A按钮开关系列



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 around 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
环境温度 Operating humidity	45~85%RH(无结露) Non condensing	机械寿命 Mechanical Life	同极端子之间 Between same class terminal 1000V/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	不同电极端子之间 Between different electrode terminal 2000V/AC50Hz,1min
接触电阻 Contact Resistance	≤50mΩ	接线 Wiring	焊接线直径 Dia of welding line 2×0.8mm ² 最大铜线面积 Max copper wire area 0.75mm ²
绝缘电阻 Insulation Resistance	≥100MΩ	操作行程 Operating distance	镀金接线插片 Wiring insert 2.8×0.5mm ² (按钮约3mm (Buton)/About3mm)
耐振动性 Vibration Resistance	50Hz, 振幅约1.2mm 50Hz, Amplitude about 1.2mm		
耐冲击性 Shock resistance	>10g		

开关额定值 Switch Rating

发热电流 I _{th} 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	PF=1 5A 5A PF=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)	灯珠等效电路 Lamp Equivalent Circuit
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	R G Y O B W	
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

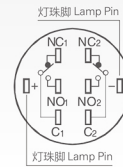
开关结构说明 Switch Structure Explanation

型式 Type	符号 Symbol	示意图 Diagram	说明 Explanation
C	NO NC		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.

HBS1-A Series Pushbutton Switches



引脚说明 Pin Description



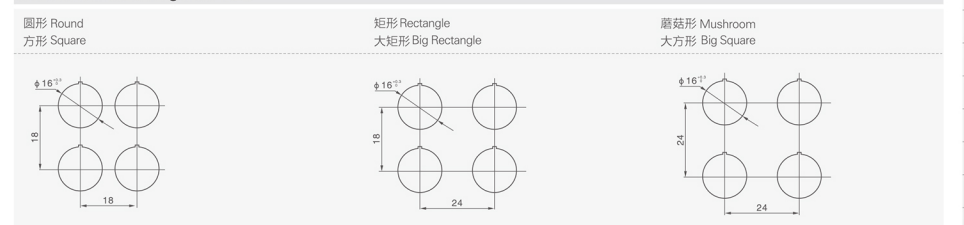
- 最多可配置两组开关;
- C1、NO1、NC1和C2、NO2、NC2分别为一组开关;
- C脚为公用脚, NO脚为常开脚, NC脚为常闭脚;
- +、-脚为灯珠引脚, 常规灯珠配置无正负极区分;
- 灯珠与开关相对独立, 可通过开关或外部电路控制灯珠状态。
- Can be configured up to two sets of switches.
- C1, NO1, NC1 and C2, NO2, NC2, are a set of switches respectively;
- Pin C is utility pin and pin NO is normally open pin, 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
2段 2Position	自锁 Latching 自复 Momentary	NO1NC NO2NC
3段 3Position	自锁 Latching 左锁右复 Left lock Right reset 左复右锁 Left reset Right lock 自复 Momentary	NO1NC NO2NC NO3NC

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

安装孔尺寸 Mounting Hole Size



安装效果预览 Installation Effect Preview

