

Φ12金属按钮开关 Metal push button switch



型号说明 Model description

HS12	★	□	■	◇	△ ☆	▲	○
系列号 Serial Number	头部形状 Head shape CB 大头球形 CB Big Ball shape CF 大头平钮 CF Big head push button CM 大头蘑菇 CM Big head mushroom	开关组合 Switch combination 1NO-10(NO 为常开触头) (NO is normally open contact)	操作类型 Operation type 无 Z 自复式 Without Z Momentary Z 自锁式 Z Latched	发光类型 Luminescence type D 单点 D Single point E 环形 E Annular EP 环形灯 + 电源标 EP Annular+Power P 电源标 P Power	灯珠颜色 Luminous color R G Y B W O P	带灯电压 (AV/DC,V) Lamp voltage (AV/DC,V) 6 12 24 36 48 110 220	外壳材质 Shell material S 不锈钢 S Stainless steel N 黄铜镀镍 N Nickel plated brass A 铝合金氧化 A Aluminium alloy PC 工程塑料 PC Plastic

注：请仔细阅读产品具体说明后，根据不同符号在该表中选取相应代号。Note: Please read products specific instructions in details and Select the corresponding code in the table according to different symbols.

性能特征 Performance characteristics

工作环境温度 Working temperature	-25℃ ~+55℃ (无冰冻) 开关本体周围必须空气流通 (no freezing) air must be circulated around the switch body
工作环境湿度 Working environment humidity	45-85%RH(无结露) (No condensation)
接触电阻 Contact resistance	≤ 50mΩ
绝缘电阻 Insulation strength	≥ 1000MΩ
最高耐压 Highest withstand voltage	1500 伏, 交流 50 赫兹, 1 分钟 1500V, AC50HZ, 1 Minute
耐振动性 Vibration resistance	50 赫兹, 振幅约 1.2mm 50HZ, Amplitude is about 1.2mm
耐冲击性 Impact resistance	大于 10g Bigger than 10g
耐焊锡热 Solder heat resistance	320℃ 时 (或 30 瓦烙铁) 不超过 2 秒 At 320 °C (or 30 watt soldering iron) no more than 2 seconds

安装孔尺寸 Mounting hole size: Φ12mm
开关额定值 Opening rating: 2A/36VDC
开关组合 Switch combination: 1NO
操作类型 Operation type: 自复式 Self compound
防护等级 Protection grade: IP65(IP67 可定制)
(could be customized), IK08
尾部配置 Tail configuration: 接线柱 / 接线插片
screw / wiring blade(2 × 0.5mm)
开关型式 Switch type: X(双断点慢动触头)
X (double breakpoint slow moving contact)
面板厚度 Panel thickness: 1-4mm

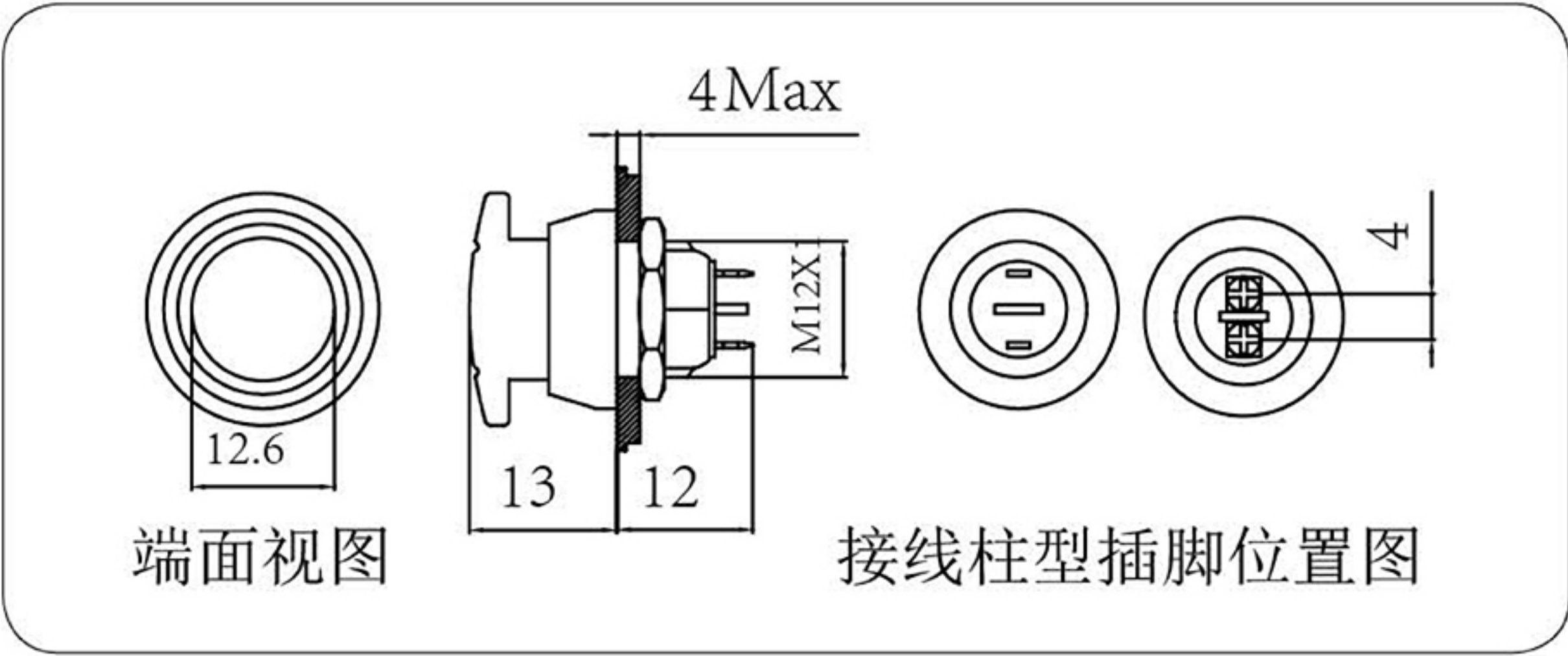
螺母扭矩 Nut torque: 约 About 0.3Nm
机械寿命 Mechanical life: 100 万次以上
more than 1 million times
按键材料 Button material: PBT
外壳材料 Housing material: 锌铝合金 / 黄铜
镀镍 / 不锈钢 zinc aluminum alloy/Nickel
plated brass/Stainless steel
基座材料 Base material: PBT
操作压力 Operating pressure: 约 About 3.5N
操作行程 Operating stroke: 约 About 2mm

开关结构说明 Switch structure description

型式 Type	X
符号 Sign	
示意图 schematic diagram	

说明：具有两个端子的双断点慢动触头开关 Description: Double breakpoint slow moving contact switch with two terminals

产品尺寸图 Diameter



标准及认证 Standard and Certificates

对应标准 Corresponding standard	认证标志 Certification mark	认证机关 / 认证编号 Certification Authority / Certification Number
EN61058-1:2002+A2:2008	CE	VOV/VT11018807
EN60947-1:2004	CE	CTS/CTS070706-01006-E