

JQX-14FK 强功率电磁继电器
Powr electromagnetic relay

型号说明 Part number description



JQX-14FK-1C



JQX-14FK-2C

JQX-14FK-□ □ □

触点形式 Capacity form
1,2(A: 常开、B: 常闭、C: 转换)
(A: normally open, B: normally close, C: change)

S: 密封型检漏 Sealed

线圈电压 Coil volatage
3~110VDC

产品特点 Features

- 体积小安装方便; • 触点负载大; • 灵敏度高;
- Miniature size, high switching capacity, high sensitivity

产品性能 Specification

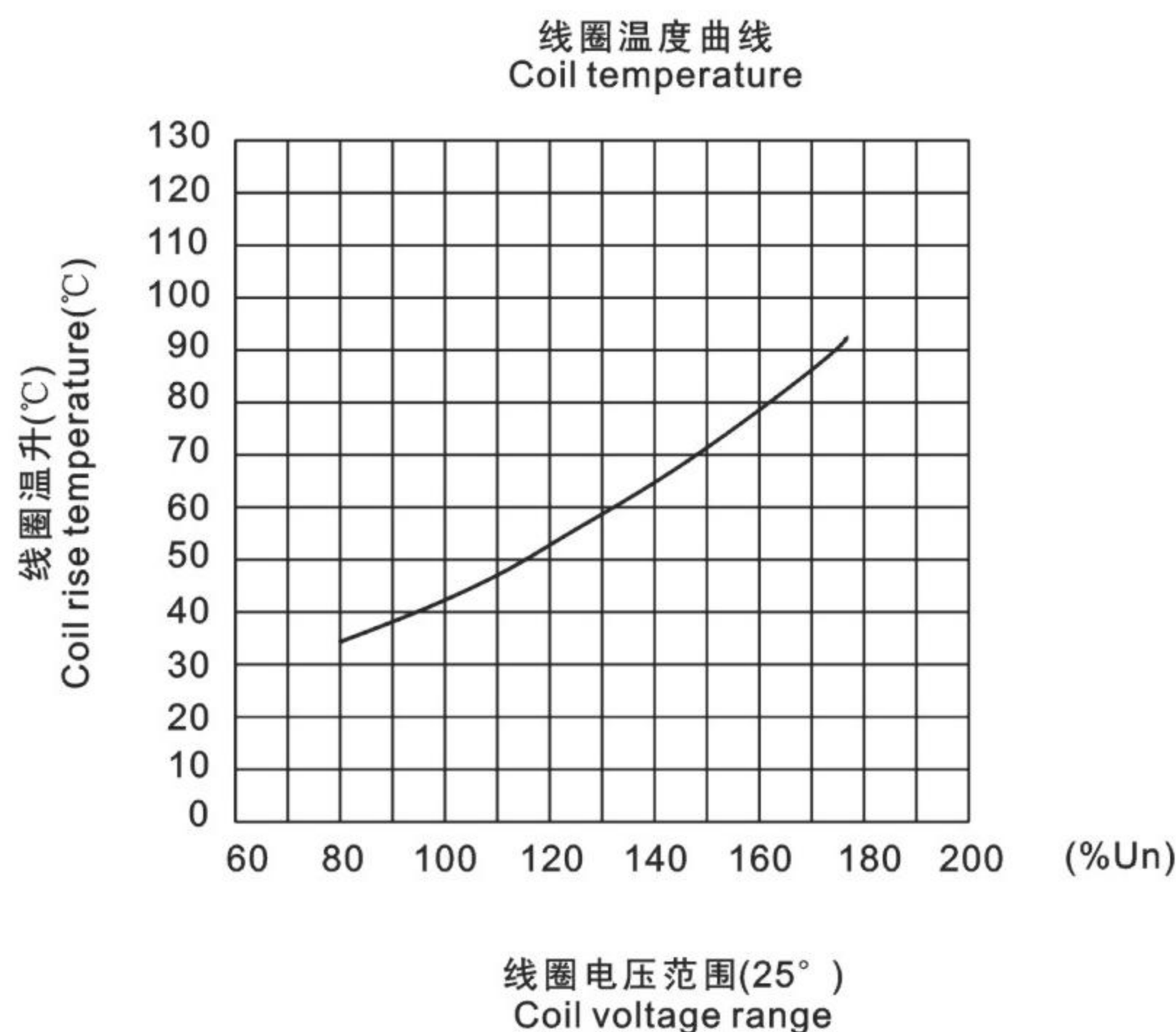
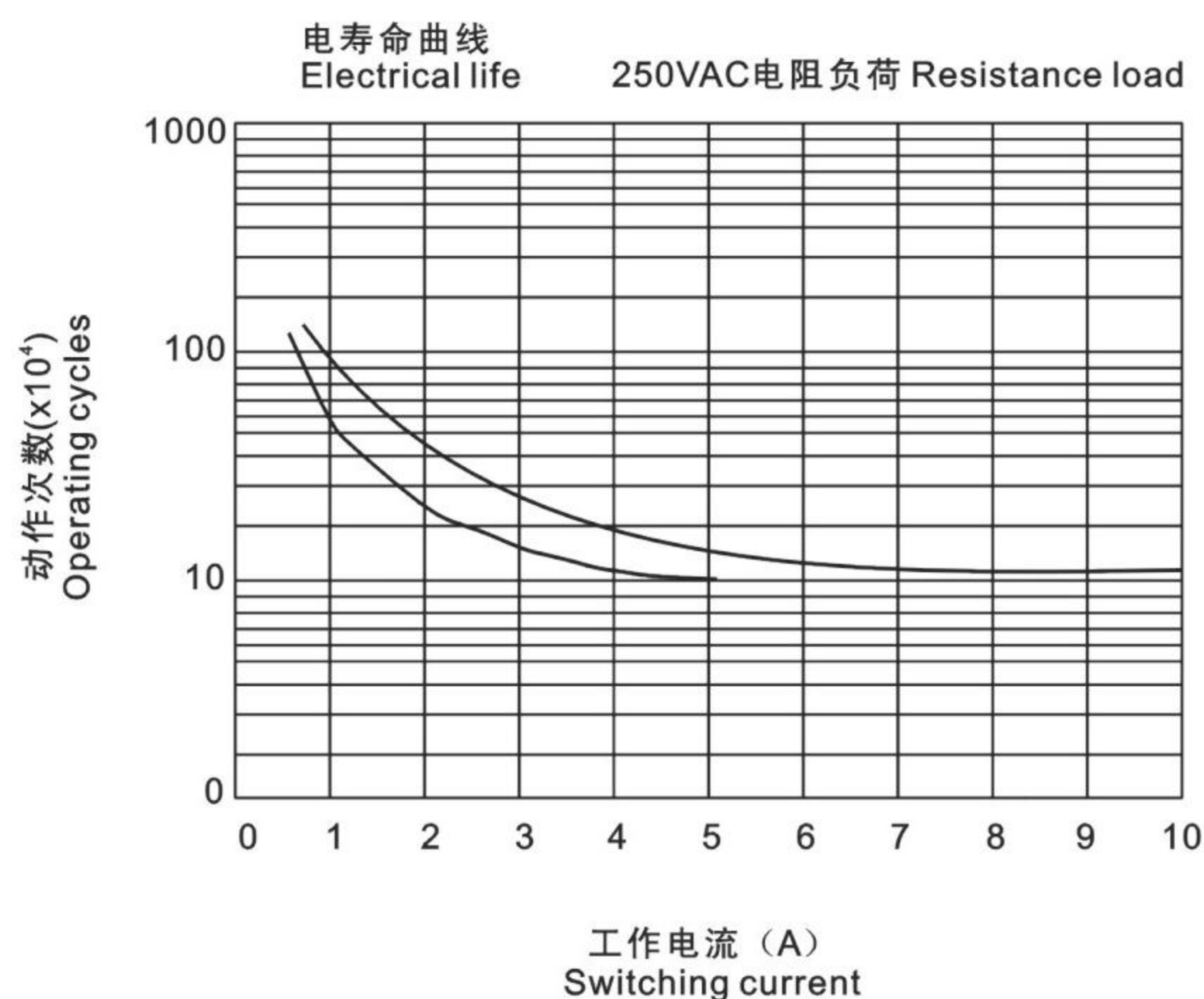
| 触点 Contact | 形式 Contact form | 1A,1B,1C | 2A,2B,2C |
|--|---|--|-------------------------|
| | 负载(阻性) Rated load (AC-1) | 10A/250VAC,30VDC | 5A/250VAC,30VDC |
| | 切换功率(阻性) Operating power(Resistive) | 2500VA,300W | 1250VA 150W |
| | 接触电阻(初始) Contact resistance(Initial) | ≤50mΩ | |
| | 材料 Material | 银合金 Ag alloy | |
| | 电气寿命(频率1S通, 1S断) Electrical life | ≥10 ⁵ 次 cycles(1800 Ops/h) | |
| | 机械寿命(频率300次/1分钟) Mechanical life | ≥10 ⁷ 次 cycles(18000 Ops/h) | |
| 吸合电压(25℃) Operate voltage(at 25℃) | | DC:≤75%Rated voltage | |
| 释放电压(25℃) Release voltage(at 25℃) | | DC:≥10%Rated voltage,AC:≥30%Rated voltage | |
| 最大电压(25℃) Max. Allowed voltage(at 25℃) | | 110%Rated voltage | |
| 绝缘电阻 Insulation resistance | | ≥1000MΩ (500VDC) | |
| 线圈功率 Coil power consumption | DC(W) | 0.53 | |
| | AC(VA) | | |
| 吸合时间(额定电压) Operate time | | ≤20ms | |
| 释放时间(额定电压) Release time | | ≤10ms | |
| 初始耐压 Dielectric Strength | 同极触点之间 Between contacts | 1000VAC/1min(漏电流 1 mA) (Leakage current 1 mA) | |
| | 异极触点之间 Between contacts(different pole) | 1000VAC/1min(漏电流 1 mA) (Leakage current 1 mA) | |
| | 触点与线圈间 Between contact and coil | 5000VAC/1min(漏电流 1 mA) (Leakage current 1 mA) | |
| 环境温度 Ambient temperature | | -40~+70℃ | |
| 环境湿度 Humidity | | 35%~85%RH | |
| 大气压力 Atmospheric Pressure | | 86~106KPa | |
| 耐冲击 Shock resistance | | 10G(正弦半波脉冲: 11ms) (Half a wave of pulses of sine:11ms) | |
| 耐振动 Vibration resistance | | 10~50Hz 双振幅:1.5mm 10~55Hz Dual amplitude:1.5mm | |
| 安装方式 Install model | | 焊接式 | PCB terminal |
| 重量 Weight | | 约 Approx.17g | |
| 配套插座 Matched relay socket | | SRB05-E SRC05-E SRC05-P | SRB08-E SRC08-E SRC08-P |
| 同类产品 Like products | | OMRON公司: G2R | |

线圈规格(25°C) Coil type(25°C)

| | | | | | | | | | | | |
|------------------------------|----|----|----|-----|-----|-----|------|------|------|------|-------|
| 额定电压V.DC(0.53W)Rated voltage | 3 | 5 | 6 | 9 | 12 | 18 | 24 | 36 | 48 | 60 | 110 |
| 线圈电阻Ω(±10%) Coil resistance | 17 | 47 | 68 | 150 | 275 | 610 | 1100 | 2440 | 4170 | 6800 | 22800 |

性能曲线图 Curve graph of performance

JQX-14FK



外形图、接线图、安装孔尺寸(mm) Dimension.Bottom View

JQX-14FK

