

JQC-3F(T73)

小型中功率电磁继电器

Power relay

SOKE

型号说明 Part number description

JQC-3F



触点形式 Contact form
 A: 常开 A: normally open
 B: 常闭 B: normally close
 C: 转换 C: change

封装形式 Encapsulation form
 无None: 封胶式 Epoxy glue
 S: 密封型检漏 sealed

线圈电压 Coil voltage
 3~48VDC



产品特点 Features

- 超小型体积, 功耗低; • 触点负载大; • 高灵敏度.
- Small size, low power consumption, high switching capacity, high sensitivity.

产品性能 Specification

触点 Contact	形 式 Contact form	1A, 1B, 1C
	负 载(阻性) Rated load	7A/250VAC, 5A/24VDC, 10A/125VAC
	切换功率(阻性) Operating power (Resistive)	1750VA, 120W 1250VA
	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 ⁴ 次 cycles (1800 Ops/h)
线圈功率 Coil power consumption	机械寿命(频率300次/1分钟) Mechanical life	≥10 ⁴ 次 cycles (1800 Ops/h)
	吸合电压(25℃) Operate voltage (at 25℃)	≤75% Rated voltage
	释放电压(25℃) Release voltage (at 25℃)	≥10% Rated voltage
	最大电压(25℃) Max. allowed voltage (at 25℃)	110% Rated voltage
	绝缘电阻 Insulation resistance	≥100MΩ(500VDC)
	DC(W)	≤0.36
吸合时间(额定电压) Operate time	Release time	≤5ms
	Release time	≤5ms
	Release time	≤5ms
初始耐压 Dielectric Strength	同极触点之间 Between contacts	750 VAC/1min(漏电流 1mA) (Leakage current 1mA)
	异极触点之间 Between contacts(different pole)	750 VAC/1min(漏电流 1mA) (Leakage current 1mA)
	触点与线圈间 Between contact and coil	1500 VAC/1min(漏电流 1mA) (Leakage current 1mA)
环境温度 Ambient temperature		-25~+55℃
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 Dual amplitude: 1.5mm
安装方式 Install model		焊接式 PCB terminal
重量 Weight		约 Approx. 10g

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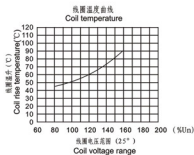
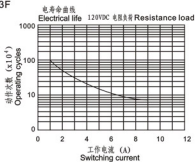
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线圈规格(25℃) Coil type(25℃)

额定电压V.DC Rated voltage	3	5	6	9	12	18	24	36	48
线圈电阻 Ω ($\pm 10\%$) Coil resistance	25	70	100	225	400	900	1600	3600	6400

性能曲线图 Curve graph of performance

JQC-3F

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

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