

JQC-3F(T73)

小型中功率电磁继电器 Small-scaled power hit the electromagnetic relay

SHENLE

型号说明 Type example

JQC-3F ☐ ☐ ☐

触点形式 Capacity of contact

A: 常开 Often starts
 B: 常闭 Often closes
 C: 转换 Changes

封装形式 Encapsulation form

无: 封胶式 No: seals the glue type
 S: 密封型检漏 sealed leak hunting

线圈电压 Coil voltage

3~48VDC



产品特点 Products characteristic

• 超小型体积, 功耗低; • 触点负载大; • 高灵敏度。

The volume of subminiature, low power dissipation; The contact is great in load; High sensitivity.

产品性能 Products properties

触点 Contact	形 式	Contact forms	1A, 1B, 1C
	负 载(阻性)	Rated load	7A/250VAC, 5A/24VDC, 10A/125VAC
	切换功率(阻性)	Changepower	1750VA, 120W
	接触电阻(初始)	Contact resistance	≤50mΩ
	材 料	Material	银合金 Silver alloy
	电气寿命(频率1S通, 1S断)	Electrial life	≥10 ⁶ 次Time
	机械寿命(频率300次/1min)	Mechanical	≥10 ⁷ 次Time
吸合电压(25℃) Pick up voltage (at 25℃)			≤75%Un
释放电压(25℃) Drop out voltage (at 25℃)			≥10%Un
最大电压(25℃) Max continuous voltage (at 25℃)			110%Un
绝缘电阻 Insulation resistance			≥100MΩ(500VDC)
线圈功率 Coil nominal power	DC(W)		≤0.36
吸合时间(额定电压) Operate time			≤10ms
释放时间(额定电压) Release time			≤5ms
初始耐压 Dielectric Strength	同极触点之间	Between open contact	1000 VAC/1min(漏电流 1mA) (Leak the electric current1MA)
	异极触点之间	Between contact circuits	
	触点与线圈间	Between contact andcoil	1500 VAC/1min(漏电流 1mA) (Leak the electric current1MA)
环境温度	Ambient temperature		-30~+60℃
环境湿度	Ambient pressure		35%~85%RH
大气压力	Atmospheric		86~106KPa
耐冲击	Shock resistance		10G(正弦半波脉冲: 11ms) (Half a wave of pulses of sine:11ms)
耐震动	Vibration resistance		10~50Hz 双振幅: 1.5mm Dobule Amplitude 1.5mm
安装方式	Layout style		焊接式 Weld the type
重量	Weight		约Intive10g

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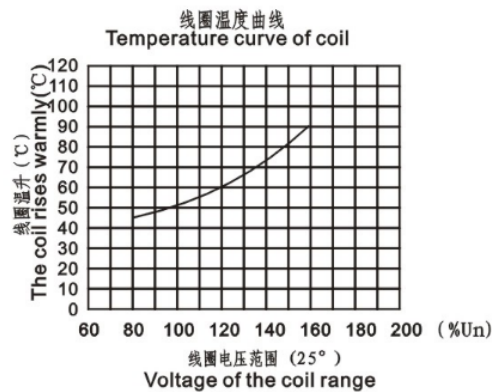
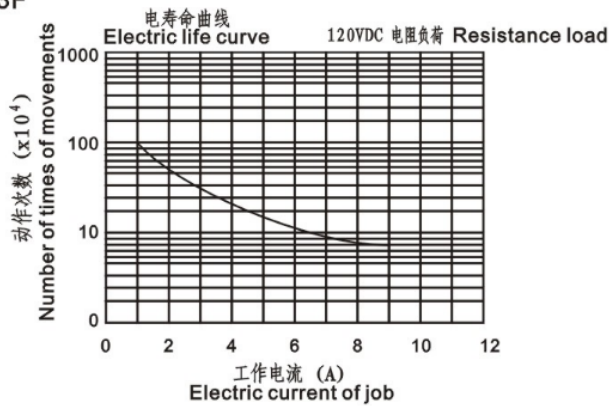
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SOKE

线圈规格(25℃) Coil type(25℃)

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

性能曲线图 Curve graph of performance

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