

JQX-16F 小型电磁继电器
Power relay

型号说明 Part number description



JQX-16F(T91)

JQX-16F

安装与引出脚形式 Install and terminal

T91: 端子连接PCB焊接式
PCB terminal

触点形式 Contact form

1A: 常开 A:normally open

1B: 常闭 B:normally close

1C: 转换 C:change

触点容量 Contact capacity

20A

30A

40A

线圈电压 Coil volatage

3~110VDC

6~220VAC

产品特点 Features

- 体积小; • 负载功率大; • 安装方便。
- Small size, high power capacity • Application heater,motor etc

产品性能 Specification

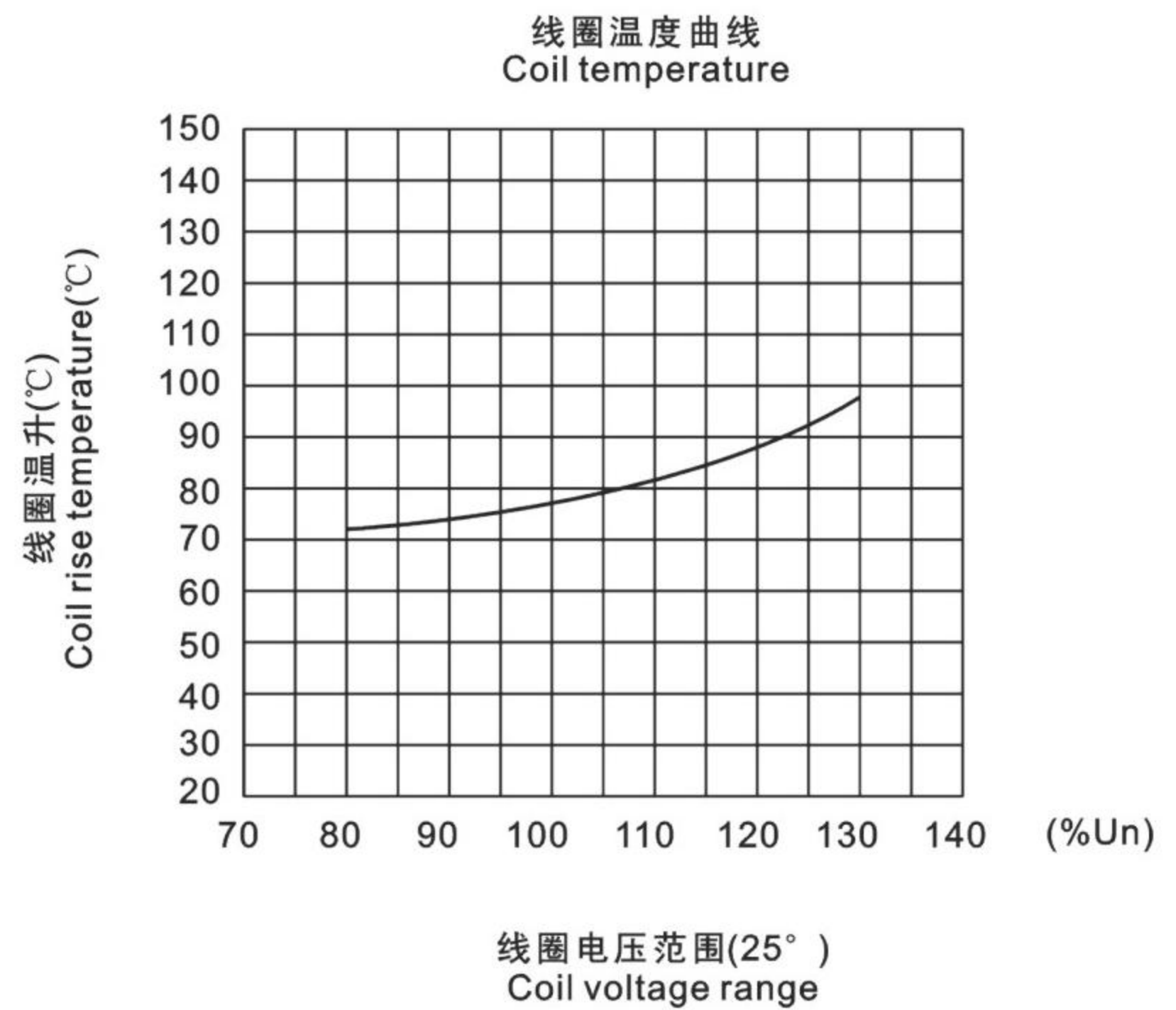
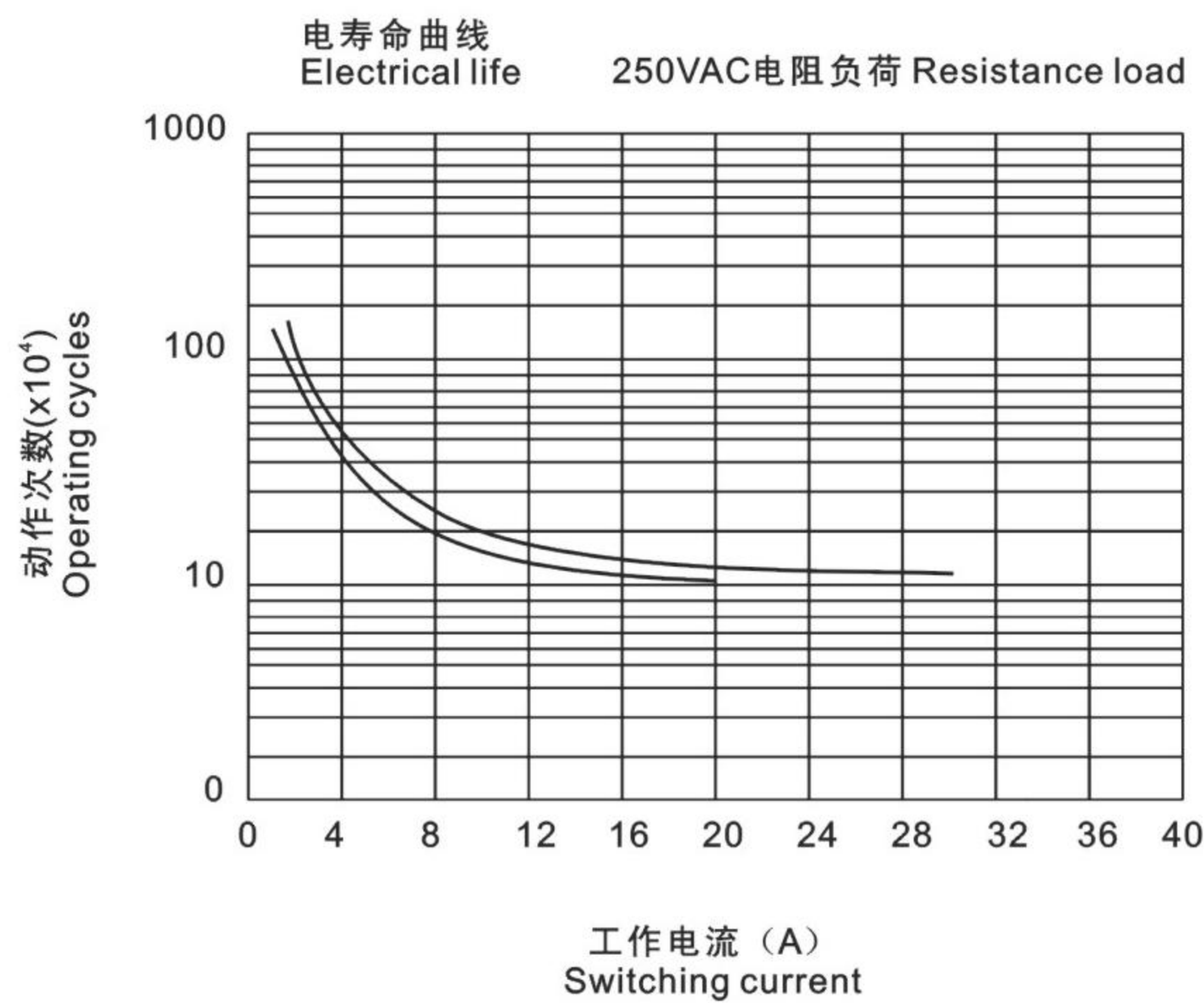
触点 Contact	形式 Contact form	1A,1B,1C		1A(特规)(Specially model)
	负载(阻性) Rated load (AC-1)		30A/250VAC,30VDC	20A/250VAC,30VDC
切换功率(阻性) Operating power(Resistive)		7500VA,900W	5000VA,600W	10000VA 1200W
接触电阻(初始) Contact resistance(Initial)		≤50mΩ		
材料 Material		银合金 Ag alloy		
电气寿命(频率1S通, 1S断) Electrical life		≥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,AC:≤80%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		≥500MΩ (500VDC)		
线圈功率 Coil power consumption	DC(W)	0.9		
	AC(VA)	1.2		
吸合时间(额定电压) Operate time		≤15ms		
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	1500VAC/1min(漏电流 1 mA)		(Leakage current 1 mA)
	异极触点之间 Between contacts(different pole)			
	触点与线圈间 Between contact and coil	1500VAC/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 Dual amplitude:1.5mm		
安装方式 Install model		焊接式	PCB terminal	
重量 Weight		约 Approx.33g		
同类产品 Like products		OMRON公司:G7G		

线圈规格(25°C) Coil type(25°C)

额定电压V.DC Rated voltage	3	5	6	9	12	18	24	36	48	110
线圈电阻Ω(±10%) Coil resistance	10	27	40	90	160	360	640	1440	2560	13500
额定电压V.AC Rated voltage	6	12	24	48	110	220				
线圈电阻Ω(±10%) Coil resistance	10	40	160	640	3350	13500				

性能曲线图 Curve graph of performance

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

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