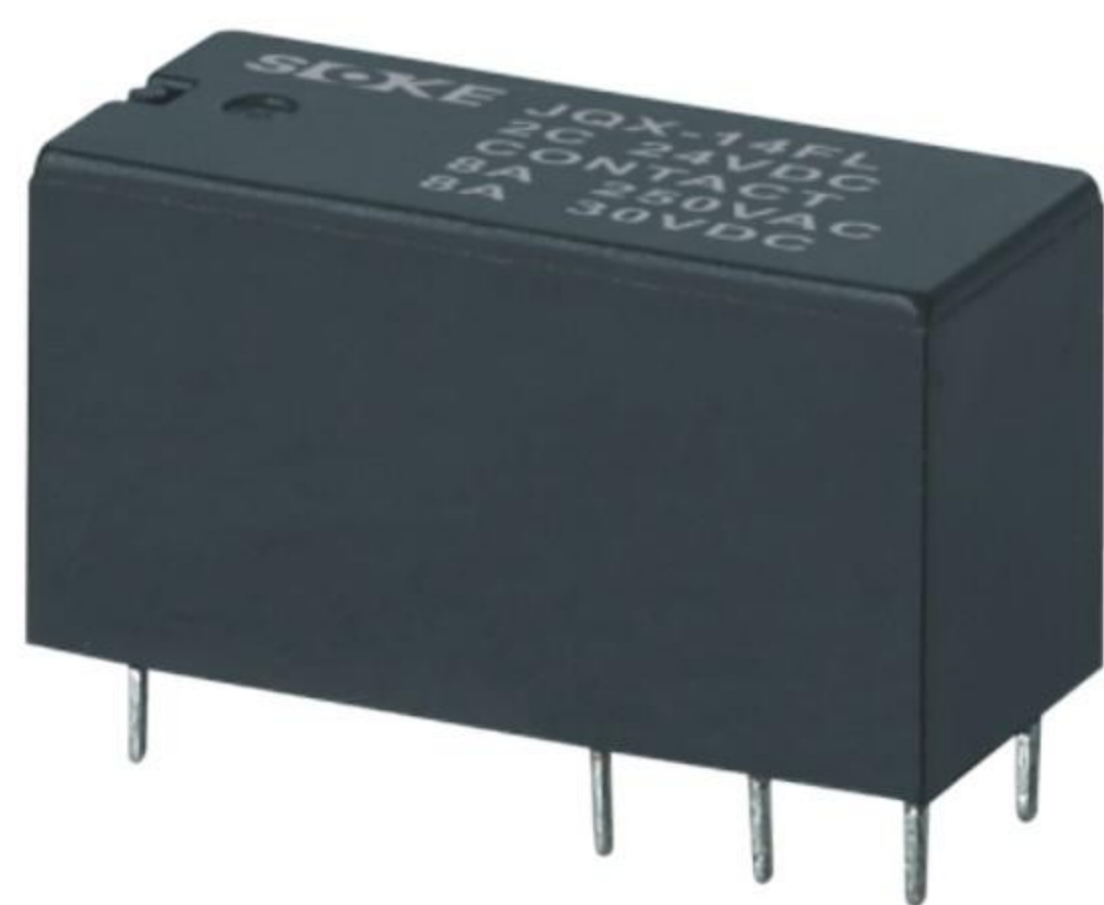


JQX-14FL 小型大功率继电器
Power relay

型号说明 Part number description



JQX-14FL-2C

JQX-14FL-□ □

触点形式 Contact form
1,2(A: 常开、B: 常闭、C: 转换)
(A: normally open, B: normally close, C: change)线圈电压 Coil voltage
3~48VDC

产品特点 Features

- 体积小, 控制容量大, 广泛用于电子、通讯等控制电路中。
- Small size, high power capacity • Application: telecommunication equipment.

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)	12A,16A/250VAC	8A/250VAC
切换功率(阻性) Operating power(Resistive)	3000VA/4000VA	2000VA	
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	1×10 ⁵ 次 cycles(1800 Ops/h)		
机械寿命(频率300次/1分钟) Mechanical life	1×10 ⁷ 次 cycles(18000 Ops/h)		
吸合电压(25℃) Operate voltage(at 25℃)	≤80%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	≥1000MΩ (500VDC)		
线圈功率 Coil power consumption	DC(W)	0.53W	
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~+85℃		
环境湿度 Humidity	35%~85%RH		
大气压力 Atmospheric Pressure	86~106KPa		
耐冲击 Shock resistance	10G		
耐振动 Vibration resistance	10~50Hz 双振幅:1.5mm Dual amplitude:1.5mm		
安装方式 Install model	印刷板式		PCB terminal
重量 Weight	14g		
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: G5RL		

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
线圈电阻 Ω ($\pm 10\%$) Coil resistance	17	47.7	68	150	275	610	1100	2440	4400

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

JQX-14FL

