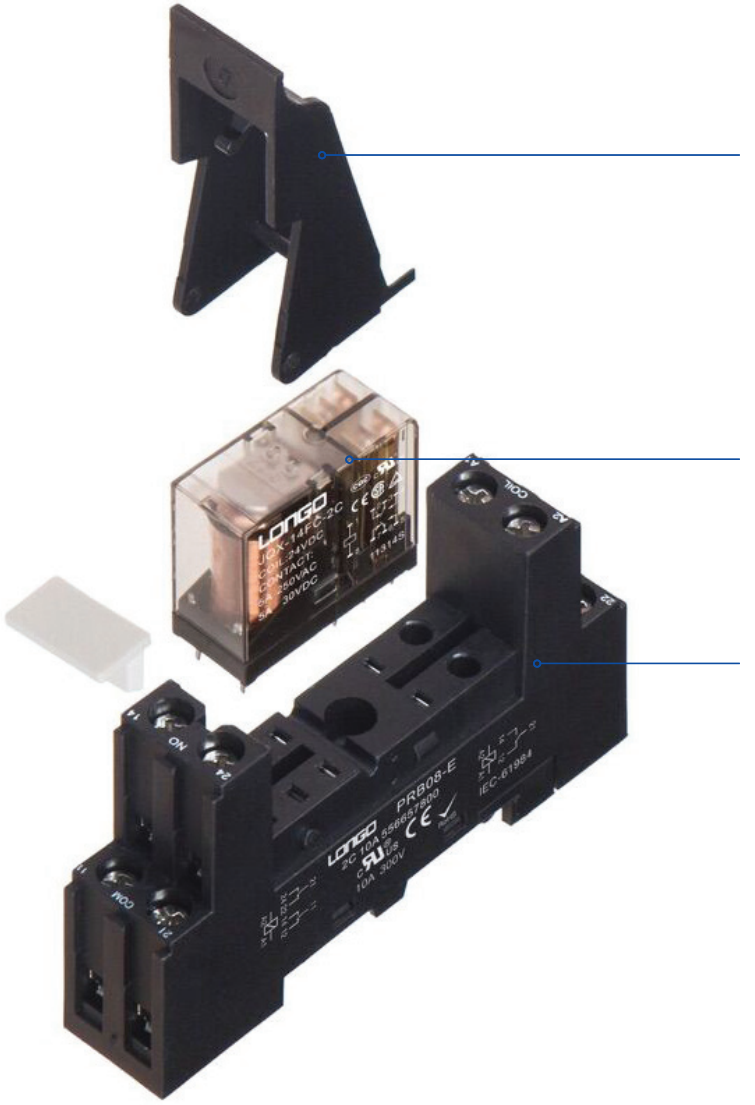
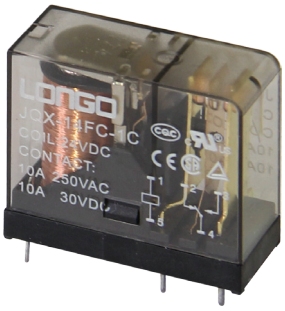
JQX-14FC 接口继电器 Interface Relay



其它可选插座Sockets selection table

PRB05-E	PRB08-E

JQX-14FC 接口继电器 Interface Relay



JQX-14FC-1C

JQX-14FC-2C

产品特点 Features

- 体积小安装方便
  Miniature size
- 触点负载大
  High switching capacity
- 灵敏度高
  High sensitivity

型号说明 Ordering Information

JQX-14FC- □ □ □ □

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 over)

触点容量 Contact capacity
无 None: 1C 10A; 2C 5A
H: 1C 16A; 2C 8A

封装形式 Encapsulation form
F: 封胶式 Epoxy glue
S: 密封型检漏 Sealed

线圈电压 Coil voltage
3~110VDC
6~220VAC

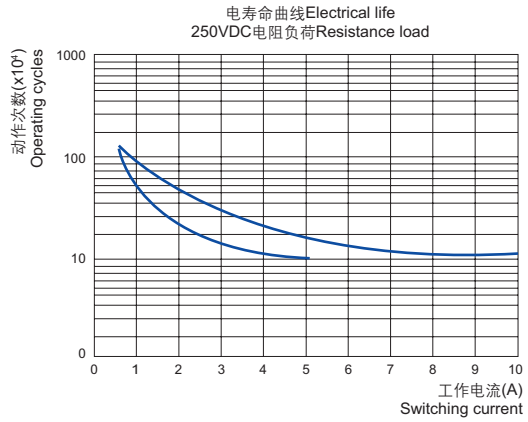
产品性能 Characteristics

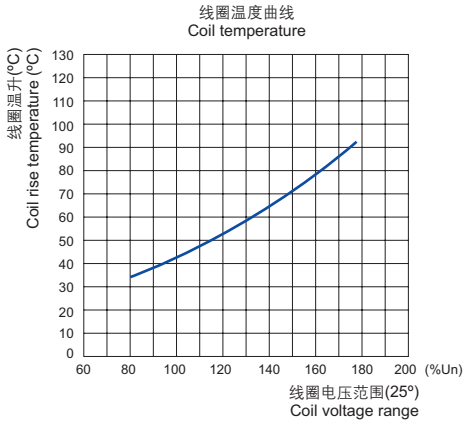
触点 Contact	形式 Contact form		1A, 1B, 1C	2A, 2B, 2C
	负载(阻性) Rated load	阻性 Resistive (AC-1)	10A, 16A/250VAC, 30VDC	5A, 8A/250VAC, 30VDC
		马达 Motor (AC-15)	1/3HP, 240VAC; 1/2HP, 240AC	1/6HP, 240VAC
	切换功率(阻性) Operating power (resistive)		2500VA, 300W; 4000VA, 480W	1250VA, 150W; 2000VA, 240W
	接触电阻(初始) Contact 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 Pick-up voltage (23℃)			DC:≤75% (额定电压 Rated voltage), AC:≤80% (额定电压 Rated voltage)	
释放电压 Drop-out voltage (23℃)			DC:≥10% (额定电压 Rated voltage),AC:≥30% (额定电压 Rated voltage)	
最大电压 Maximum voltage (23℃)			110% (额定电压 Rated voltage)	
绝缘电阻 Insulation resistance			≥1000MΩ (500VDC)	
线圈功率 Coil operating power	DC (W)		约 approx. 0.53	
	AC (VA)		约 approx. 1.0	
吸合时间 (额定电压) Operate time (at nominal voltage)			≤20ms	
释放时间 (额定电压) Release time (at nominal voltage)			≤10ms	
初始耐压 Initial breakdown voltage	同极触点之间 Between open contacts		1000VAC/1min (漏电流 leakage current 1mA)	
	异极触点之间 Between poles		1000VAC/1min (漏电流 leakage current 1mA)	
	触点与线圈间 Between contacts and coil		5000VAC/1min (漏电流 leakage current 1mA)	
环境温度 Ambient temperature			-40~+65℃	
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 half a wave of pulses of sine: 11ms)	
耐振动 Vibration resistance			10~55Hz 双振幅 double-amplitude: 1.0mm	
安装方式 Mounting			焊接式 PCB terminal	
重量 Unit weight			约 approx.17g	

线圈规格 Coil Specifications (23℃)

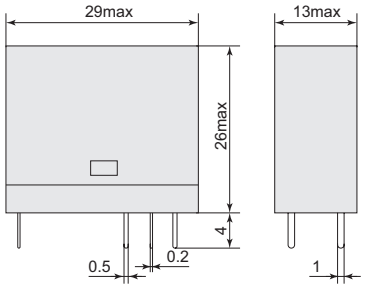
额定电压 Rated voltage V.DC	3	5	6	9	12	18	24	36	48	110
线圈电阻 Coil resistance Ω (±10%)	17	47	68	150	270	610	1100	2440	4300	22800
额定电压 Rated voltage V.AC	6	12	24	48	110	220				
线圈电阻 Coil resistance Ω (±10%)	16	63	240	1085	5500	21000				

性能曲线图 Contact Specification

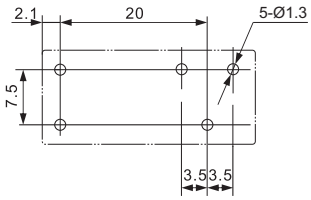




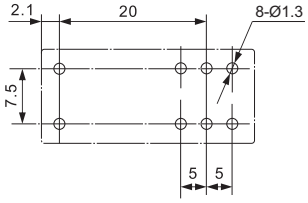
外形图尺寸 Dimensions (mm)



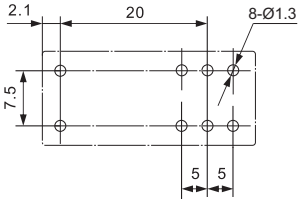
JQX-14FC-1C



JQX-14FC-1CH



JQX-14FC-2C

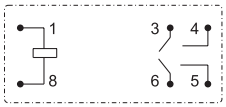


接线图 Wiring Diagrams

JQX-14FC-1A

JQX-14FC-1AH

JQX-14FC-2A



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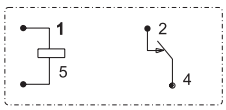

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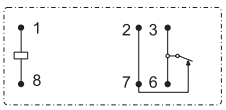

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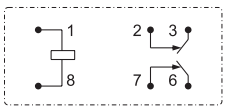

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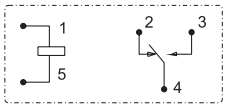

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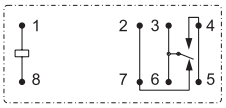
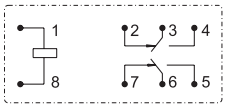
JQX-14FC-2C