



FEATURES

主要特征

- 16A switching capability 16A触点切换能力
- 5kV dielectric strength (between coil and contacts) 触点与线圈间耐压高达5kV
- 10kV impulse withstand voltage (between coil and contacts) 触点与线圈间抗浪涌电压10kV
- Environmental friendly product (RoHS compliant) 符合环保要求(符合RoHS)
- Outline Dimension: (30x13x21)mm 外形尺寸: (30x13x21)mm
- Applied range: Electric equipment、UPS、air-condition、machine tool、household electrical appliances、sound equipment、security alerting system、TV controller and many other automatic control circuit

应用范围: 电器设备、UPS、空调、机床、家电、音响、安全报警系统和TV控制等自动控制电路。



CONTACT DATA

触点参数

Contact form 触点形式	1H,1D,1Z(1A,1B,1C)
Contact resistance 接触电阻	100mΩ Max(initial)
Contact material 触点材料	Ag Alloy 银合金
Contact rating (Res.load) 触点负载(阻性)	16A/250VAC; 16A/30VDC
Max. switching volt. 最大切换电压	250VAC/30VDC
Max. switching current 最大切换电流	16A
Max. switching power 最大切换功率	4000VA/480W
Mechanical life 机械寿命	1x10 ⁷ 次OPS
Electrical endurance 电耐久性	1x10 ⁵ 次OPS
OPS/min (15次/分钟)	

COIL 主线圈参数

Rated coil power 额定线圈功率: 0.53W/0.72W

CHARACTERISTICS

性能参数

Insulation Resistance 绝缘电阻	When test voltage is 500VDC 测试电压为500VDC时	1000MΩ Min
Dielectric strength 介质耐压	Between coil& contacts 触点与线圈间	5000 VAC 1min
	Between open contacts 断开触点间	1000VAC 1min
Operate time(at rated volt.) 吸合时间(额定电压下)		≤20ms
Release time(at rated volt.) 释放时间(额定电压下)		≤10ms
Shock resistance 冲击	Functional 稳定性	98m/S ²
	Destructive 强度	980m/S ²
Vibration resistance 振动	Double-amplitude, Frequency:10Hz to 55Hz 双振幅, 频率: 10~55Hz	
Humidity 湿度	95% (+40°C)	
Ambient temperature 温度范围	-40~+85°C	
Termination type 引出端方式	PCB	
Weight 重量	Approx 13g	
Construction 封装方式	Shell type 密闭式	

Notes: (1)The data shown above are initial values.

备注: (1)上述值均为初始值。

ORDERING INFORMATION

订货标记示例

JQX-14F/	12VDC	1H	L	S5	F
Distinct code 区别号					
Pin pitch (S: Double outlet terminals Blank: Single outlet terminal 5: Between outlet terminals distance is 5mm 3.5:Between outlet terminals distance is 3.5mm) 脚距: (S: 触点引出脚; 无: 触点单引出脚; 5: 触点引出脚距离5mm; 3.5: 触点引出脚距离3.5mm;)					
Coil power dissipation Blank:0.53W G:0.72W 线圈功耗: 无: 0.53W G:0.72W					
Contact form 1H: 1 Form A 1D:1Form B 1Z: 1 Form C 触点形式 1H: 一组常开 1D: 一组常闭 1Z: 一组转换					
Coil volt : 3, 5, 6, 9, 12, 18, 24, 36, 48VDC 线圈电压: 3, 5, 6, 9, 12, 18, 24, 36, 48VDC					
Type 继电器型号					

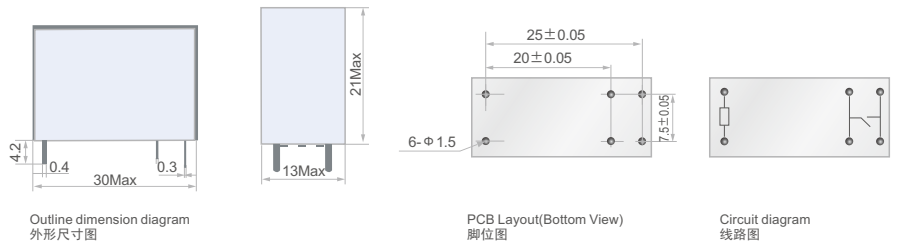
OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD PCB Layout

外形图、接线图、安装孔尺寸

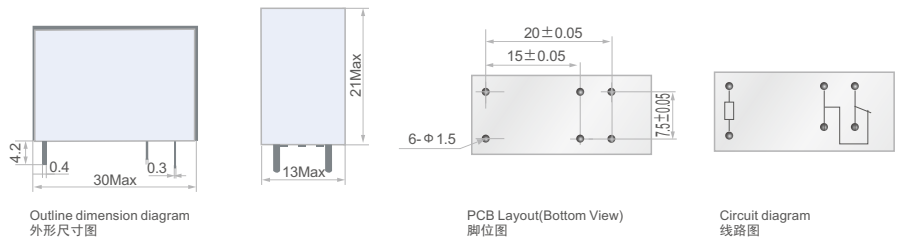
Outline dimension diagram: 外形尺寸图 Unit 单位: mm

●PCB Type 印制板式

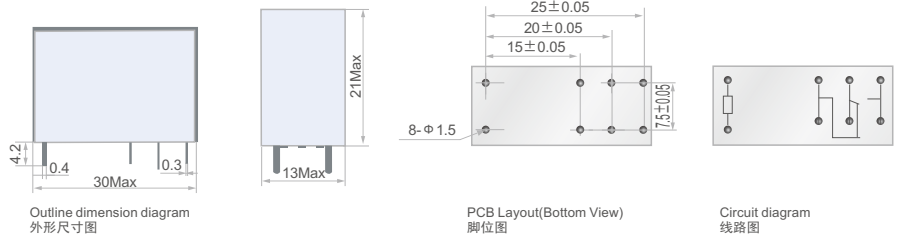
JQX-14F □□□□1HS5 F



JQX-14F □□□□1D5 F



JQX-14F □□□□1ZS5 F



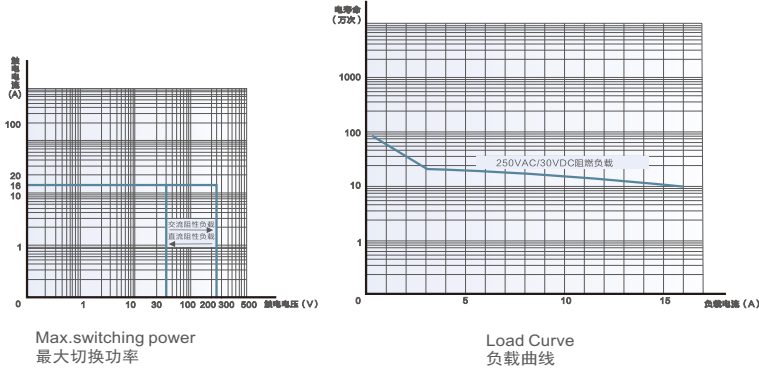
COIL DATA(20°C)

线圈规格

Rated volt VDC 额定电压	Pick-upvolt. VDC 动作电压	Drop-outvolt. VDC 释放电压	Max.Allowable volt.VDC (85°C) 最大电压	Coil Resistance $\Omega \pm 10\%$ 线圈直流电阻	
				0.53W	0.72W
3	≤ 2.3	≥ 0.3	3.9	17	13
5	≤ 3.8	≥ 0.5	6.5	46	35
6	≤ 4.5	≥ 0.6	7.8	67	50
9	≤ 6.8	≥ 0.9	11.7	150	113
12	≤ 9.0	≥ 1.2	15.6	267	200
18	≤ 13.5	≥ 1.8	23.4	600	450
24	≤ 18	≥ 2.4	31.2	1070	800
36	≤ 27	≥ 3.6	46.8	2400	1800
48	≤ 36	≥ 4.8	62.4	4260	3200

CHARACTERISTIC CURVES

性能曲线图



Disclaimer: This product catalog is just for customers' reference. Product constantly update, all the specifications are subject to change without notice.

声明：本产品目录仅客户参考选型。产品不断更新，若有更改，不再另行通知！