



Certification Mark 认证标志



FEATURES

主要特征

- This series have many types 继电器系列范围广.
- Have several types of contact forms 具有多种触点形式.
- High power, low cost 大功率, 低成本.
- 30A switching capability 30A触点切换能力.
- Environmental friendly product (RoHS compliant) 符合环保要求 (符合RoHS)
- Outline Dimension: (33x28x22)mm 外形尺寸: (33x28x22)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)	30A/250VAC (1H) 30A/28VDC (1H) 20A/250VAC (1D, 1Z) 20A/28VDC (1D, 1Z)
最大切换电压 Max. switching volt	30A/250VAC (1A) 30A/28VDC (1A) 20A/250VAC (1B, 1C) 20A/28VDC (1B, 1C)
最大切换电流 Max. swithing current	250VAC/28VDC
最大切换功率 Max switching power	30A (1H) 20A (1D, 1Z) 30A (1A) 20A (1B, 1C)
机械寿命 Mechanical life	7500VA/560W
电耐久性 Electrical endurance (15次/分钟 OPS/min)	1x10 ⁷ 次 OPS
	1x10 ⁵ 次 OPS

COIL 线圈参数

Rated coil power 额定线圈功率: 0.9W

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	2000 VAC 1min
	Between open contacts 断开触点间	1500VAC 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 31g	
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-15F(T90) 12VDC 1H

Contact form 1H: 1 Form A. 1D: 1 Form 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. 5, 6, 9, 12, 18, 24, 48, 110VDC
线圈电压 5, 6, 9, 12, 18, 24, 48, 110VDC

Type 继电器型号

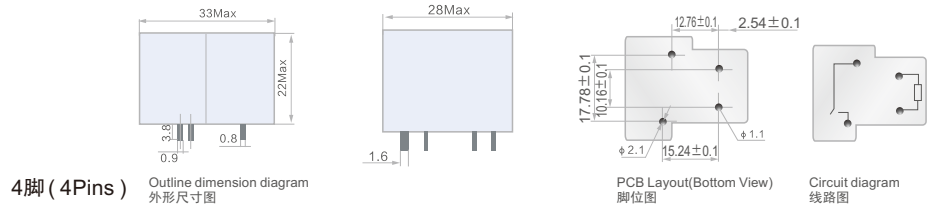
OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD PCB Layout

外形图、接线图、安装孔尺寸

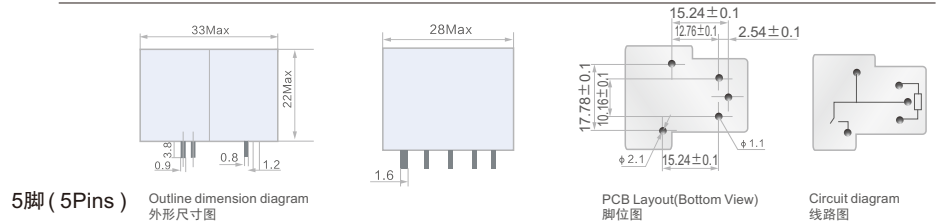
Outline dimension diagram: 外形尺寸图 Unit 单位: mm

●PCB Type 印制板式

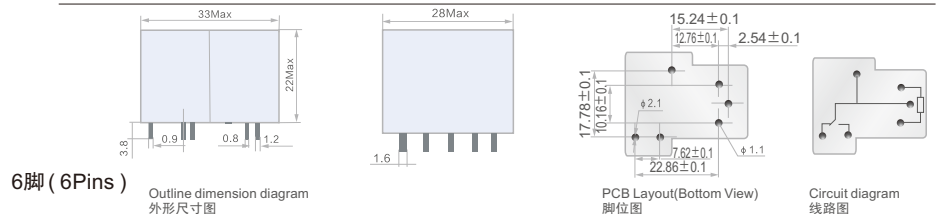
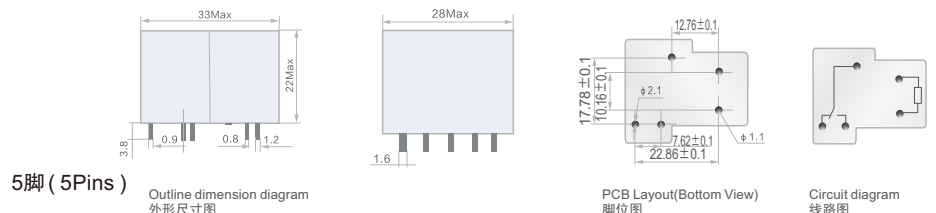
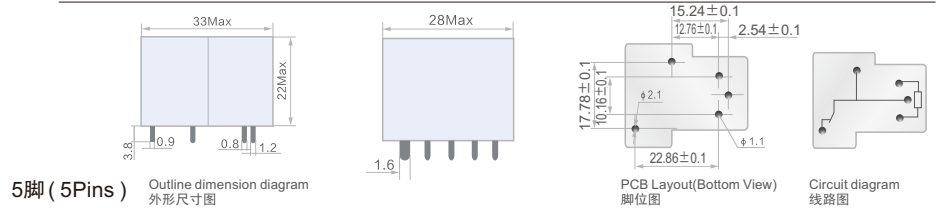
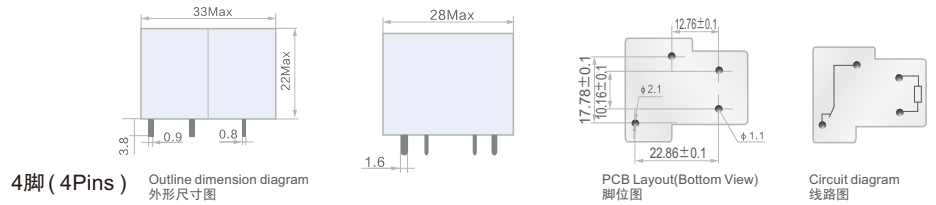
JQX-15F(T90) □□□□1H



JQX-15F(T90) □□□□1D



JQX-15F(T90) □□□□1Z

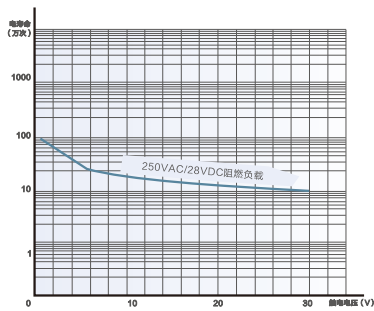


COIL DATA(20°C)

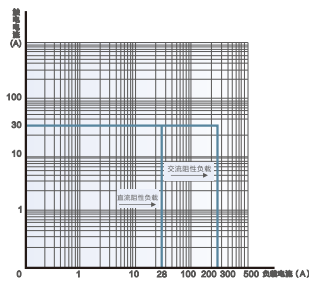
线圈规格				
Rated volt VDC 额定电压	Pick-upvolt. VDC 动作电压	Drop-outvolt. VDC 释放电压	Max.Allowable volt.VDC (85°C) 最大电压	Coil Resistance $\Omega \pm 10\%$ 线圈直流电阻
5	≤ 3.8	≥ 0.5	6	27
6	≤ 4.5	≥ 0.6	7.2	40
9	≤ 6.8	≥ 0.9	10.8	90
12	≤ 9.0	≥ 1.2	14.4	160
15	≤ 11.3	≥ 1.5	18	250
18	≤ 13.5	≥ 1.8	21.6	360
24	≤ 18	≥ 2.4	28.8	640
48	≤ 36	≥ 4.8	57.6	2560
110	≤ 82.5	≤ 11	132	13400

CHARACTERISTIC CURVES

性能曲线图



Load Curve
负载曲线



Max. switching power
最大切换功率

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！