

通用继电器

HJQ-15F

- High power&low cost
- 30A switching capability
- Less than 1W coil power
- Open sealed type available
- Class B/F available
- Conform to RoHS,ELV directive

32×27.4×19.3



ORDERING CODE 订购代码

HJQ-15F — S — Z (TBF-1) N / 12VDC 1 2 3 4 5 6					
1. Relay Model 继电器型号	S: Sealed 密封		K: Open Type 敞开型		4. Insulated Level 绝缘等级
2. S: Sealed 密封	K: Open Type 敞开型		H: Form A		TBF-1: Class F级
3. 触点转换形式	Z: Form C		D: Form B		Nil: 标准
					5. N: 无3号引脚,触点与线圈间耐压1500VAC
					Nil: 有3号引脚,触点与线圈间耐压1500VAC
					WT: 有3号引脚,触点与线圈间耐压2500VAC
					NT: 无3号引脚,触点与线圈间耐压2500VAC
					6. Coil Nominal Voltage 线圈额定电压
					5,6,9,12,18,24,48,110VDC

COIL DATA 线圈参数 (at 20°C)

Nominal Voltage 额定电压(VDC)	5	6	9	12	18	24	48	110	0.93W
Coil Resistance 线圈阻值($\Omega \pm 10\%$)	27	39	87	155	350	620	2480	13010	
Rated Current 额定电流(mA)	186	155	103	77.5	52	39	19	9	
Max Operate Voltage 最大吸合电压(VDC)	3.75	4.5	6.75	9	13.5	18	36	82.5	
Min Release Voltage 最小释放电压(VDC)	0.5	0.6	0.9	1.2	1.8	2.4	4.8	11	
Max Applicable Voltage 最大过载电压	70°C时额定电压的130%, 23°C时额定电压的170%								

CONTACT DATA 触点参数

Contact Form 触点形式	1H/1D/1Z
Contact Material 触点材料	Silver Alloy
Load 负载	Resistive load(COS Φ =1)
Contact Ratings 触点负载	1H: 25A(30A) 240VAC/20A 28VDC 1D: 15A 240VAC/10A 28VDC 1Z: 20A/10A 240VAC/28VDC
Minimum load 最小负载	500mA 5VDC
Max Switching Voltage 最大转换电压	250VAC/30VDC
Max Switching Current 最大转换电流	30A
Max Switching Power 最大转换功率	7200VA/560W
Contact Resistance 接触电阻	100m Ω Max at 6VDC 1A
Life Expectancy 寿命	Electrical 电气寿命: 100,000 Operations(at30Operations/minute)
	Mechanical 机械寿命: 10,000,000 Operations(at300Operations/minute)

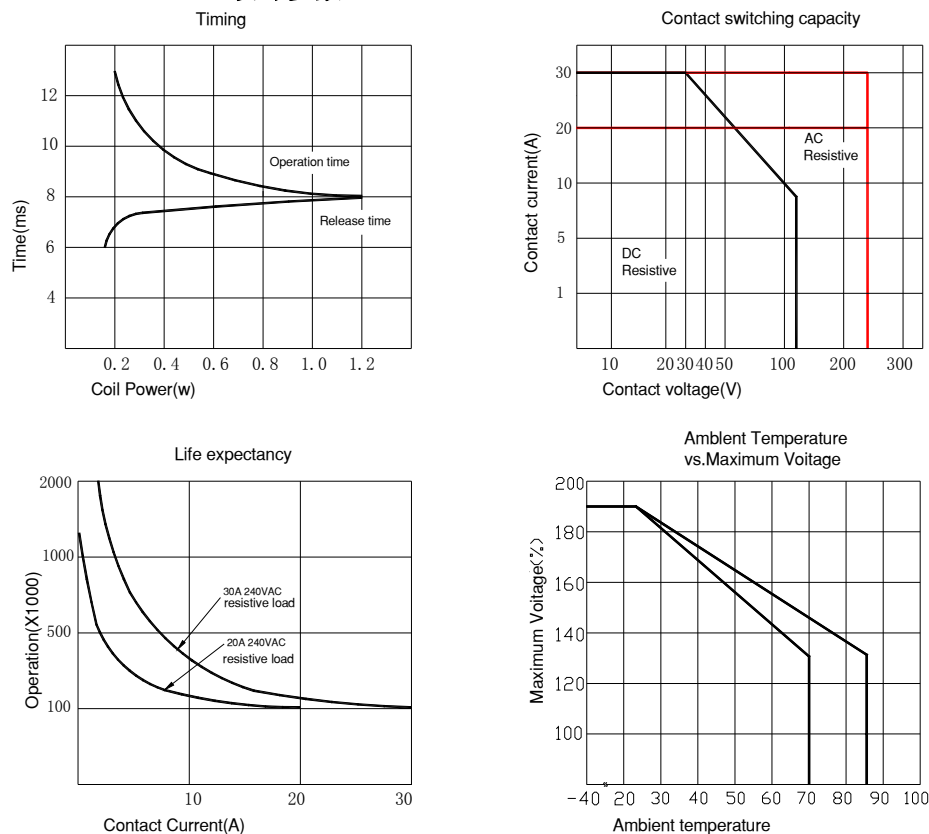
■ CHARACTERISTICS DATA 性能参数

Insulation Resistance绝缘阻值	100MΩ Min at 500VDC
Dielectric Strength Between Open Contacts触点间耐压	1500VAC(for one minute)
Between Contacts and coil触点与线圈间耐压	1500VAC/2500VAC(for one minute)
Operate Time吸合时间	15ms
Release Time释放时间	10ms
Temperature Range环境温度	-40°C to +70°C (Class F: 85°C)
Shock Resistance冲击	Operating Extremes动作极限: 10G
	Damage Limits破坏极限: 100G
Vibration Resistance振动	10-55Hz, 1.5mm
Max. switching frequency最大转换频率	Mechanical: 18,000operations/hr
	Electrical: 1,800operations/hr
Humidity湿度	40-85%
Weight重量	Approx 36g
Safety Standard安全标准	UL cUL CQC TÜV

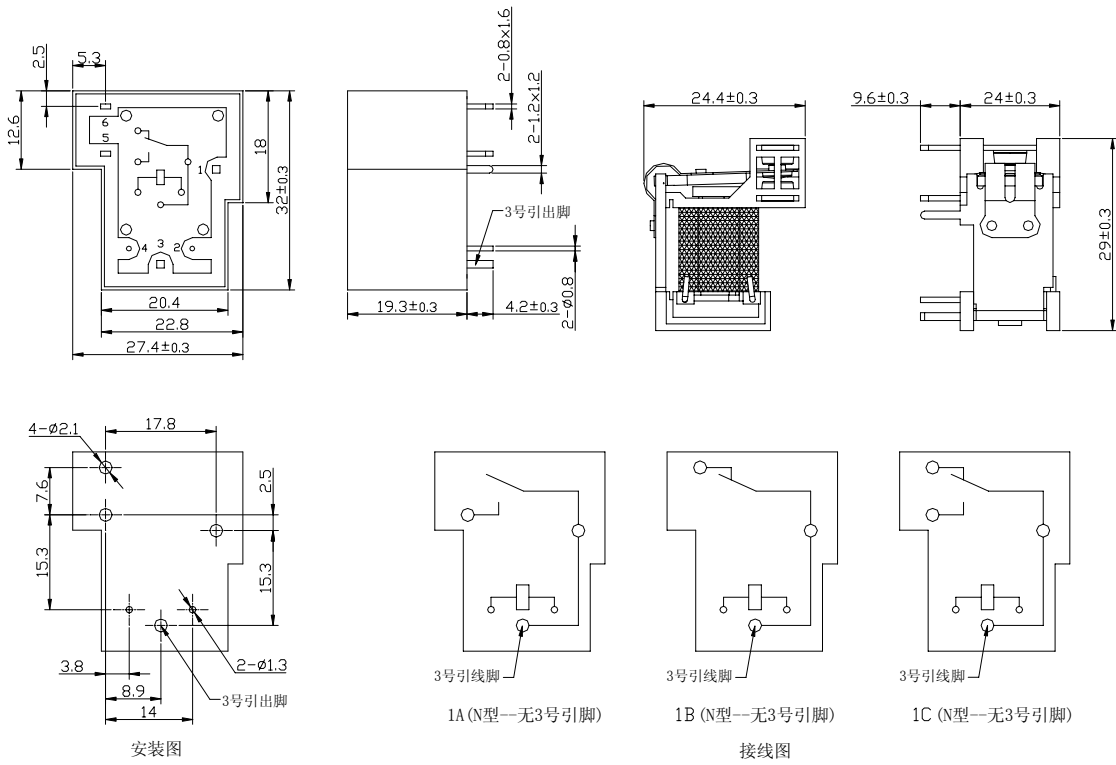
■ APPROVED STANDARDS 安全标准

Model(型号)	Coiling rating (线圈电压)	Safety Standard (安全标准)	Contact rating (触点负载)
HJQ-15F	3 to 110VDC	TÜV	H: 25A 240VAC 25A 28VDC
			D: 15A 240VAC 10A 28VDC
	5 to 48VDC	UL/cUL	Z(NO): 20A 240VAC 20A 28VDC
			Z(NC): 10A 240VAC 10A 28VDC
		CQC	NC: 20A 240VAC NO: 30A 240VAC

■ ENGINEERING DATA 设计参数



OVERALL AND MOUNTING DIMENSIONS 安装图



安装图

3号引出脚
1A (N型--无3号引脚)

3号引出脚
1B (N型--无3号引脚)

3号引出脚
1C (N型--无3号引脚)

接线图

声明:

本产品规格书仅供客户使用时参考，如有更改，恕不另行通知。