

通信继电器

HJR4102

- Small size and low cost
- DIP standard terminals
- Surge Strength 1500V FCC68
- Sealed type available
- Conform to RoHS,ELV directive

15.8×10.8×11.8



ORDERING CODE 订购代码

<u>HJR4102</u>	<u>D</u>	<u>—</u>	<u>12VDC</u>	<u>—</u>	<u>S</u>	<u>—</u>	<u>Z</u>
1	2	3	4	5			
1. Relay Model 继电器型号			3. Coil Nominal Voltage 线圈额定电压			5. 触点转换形式	
2. Coil Power 线圈功率			3,5,6,9,12,24,48VDC			Z: Form C	
D=0.36W, L=0.2W, N=0.45W			4. Sealed 密封			H: Form A	

COIL DATA 线圈参数 (at 20℃)

Nominal Voltage额定电压(VDC)	3	5	6	9	12	24	48	0.36W
Coil Resistance线圈阻值($\Omega \pm 10\%$)	25	69	100	225	400	1600	6400	
Rated Current额定电流(mA)	120	71.4	60	40	30	15	7.5	
Max Operate Voltage 最大吸合电压(VDC)	2.25	3.75	4.5	6.75	9	18	36	
Min Release Voltage最小释放电压(VDC)	0.3	0.5	0.6	0.9	1.2	2.4	4.8	
Coil Resistance线圈阻值($\Omega \pm 10\%$)	20	56	80	180	320	1280	5120	0.45W
Rated Current额定电流(mA)	150	90	75	50	37.5	18.7	9	
Max Operate Voltage 最大吸合电压(VDC)	2.25	3.75	4.5	6.75	9	18	36	
Min Release Voltage最小释放电压(VDC)	0.3	0.5	0.6	0.9	1.2	2.4	4.8	
Coil Resistance线圈阻值($\Omega \pm 10\%$)	45	125	180	105	720	2880		0.2W
Rated Current额定电流(mA)	66.7	40	33.3	22.2	16.7	8.3		
Max Operate Voltage 最大吸合电压(VDC)	2.25	3.75	4.5	6.75	9	18		
Min Release Voltage最小释放电压(VDC)	0.3	0.5	0.6	0.9	1.2	2.4		
Max Applicable Voltage 最大过载电压	70℃时额定电压的130%，23℃时额定电压的170%							

CONTACT DATA 触点参数

Contact Form触点形式	1H/1Z
Contact Material触点材料	Silver Alloy
Load负载	Resistive load(COS Φ =1)
Contact Ratings触点负载	3A 120VAC/24VDC ,1A 250VAC(TÜV)
Minimum load 最小负载	1mA 5VDC
Max Switching Voltage最大转换电压	240VAC/60VDC
Max Switching Current最大转换电流	5A
Max Switching Power 最大转换功率	360VA/90W
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(at3000Operations/minute)

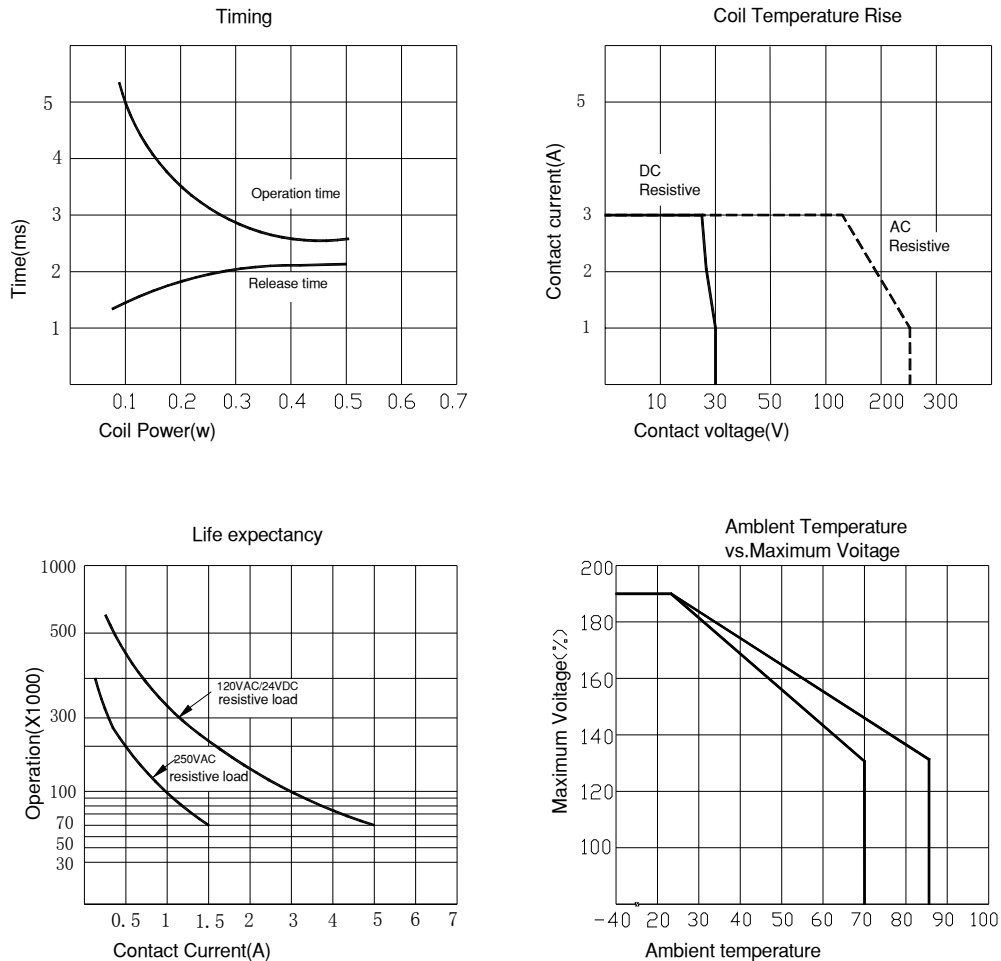
■ CHARACTERISTICS DATA 性能参数

Insulation Resistance绝缘阻值	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts触点间耐压	500VAC(for one minute)
Between Contacts and coil触点与线圈间耐压	1000VAC(for one minute)
Operate Time吸合时间	5ms
Release Time释放时间	5ms
Temperature Range环境温度	-30℃to+85℃
Shock Resistance冲击	Operating Extremes动作极限: 10G
	Damage Limits破坏极限: 50G
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 3.5g
Safety Standard安全标准	UL cUL TÜV CQC

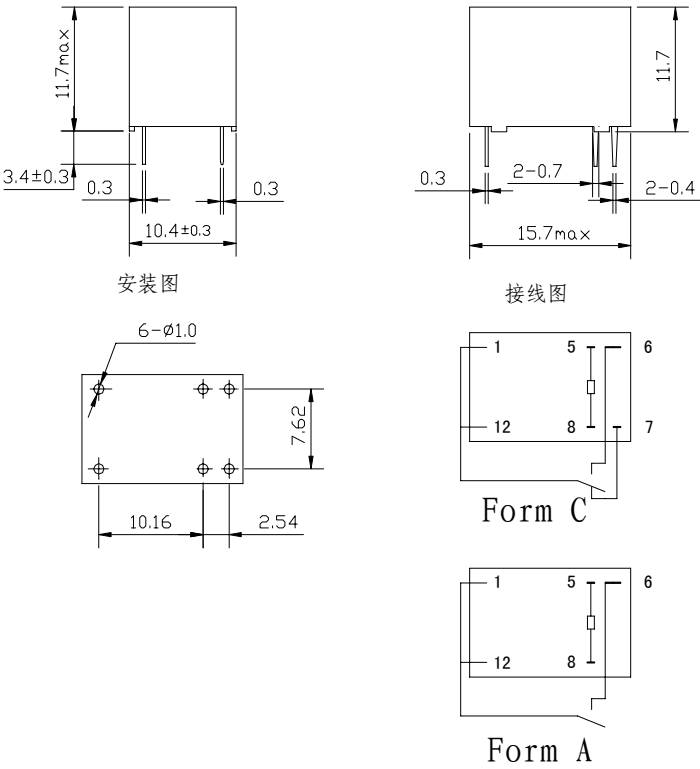
■ APPROVED STANDARDS 安全标准

Model(型号)	Coiling rating (线圈电压)	Safety Standard (安全标准)	Contact rating (触点负载)
HJR4102	3 to 48VDC	TÜV	3A 120VAC 3A 24VDC 1A 250VAC
		UL/cUL	3A 120VAC 3A 24VDC
		CQC	3A 120VAC 3A 24VDC

■ ENGINEERING DATA 设计参数



■ OVERALL AND MOUNTING DIMENSIONS 安装图



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。