

汽车继电器

TRFM

- Max.switching current 25A
- Different terminals available
- Conform to RoHS,ELV directive



23×15.5×26

ORDERING CODE 订购代码

<u>TRFM</u>	<u>D</u>	<u>—</u>	<u>S</u>	<u>—</u>	<u>H</u>	<u>/ 12VDC</u>
1	2	3	4	5		
1. Relay Model 继电器型号			4. 触点转换形式			
2. Coil Power 线圈功率			H: Form 1A			
D=1.6W, L=1.2W			Z: Form 1C			
3. S:Sealed 密封			5. Coil Nominal Voltage 线圈额定电压			
Nil: 不密封			6,12,24VDC			

COIL DATA 线圈参数 (at 20°C)

Nominal Voltage额定电压(VDC)	6	12	24	1.2W
Coil Resistance线圈阻值($\Omega \pm 10\%$)	30	120	480	
Rated Current额定电流(mA)	200	100	50	
Max Operate Voltage 最大吸合电压(VDC)	3.9	7.8	15.6	
Min Release Voltage最小释放电压(VDC)	0.3	0.6	1.2	1.6W
Coil Resistance线圈阻值($\Omega \pm 10\%$)	23	90	360	
Rated Current额定电流(mA)	261	133	67	
Max Operate Voltage 最大吸合电压(VDC)	3.9	7.8	15.6	
Min Release Voltage最小释放电压(VDC)	0.3	0.6	1.2	
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%			

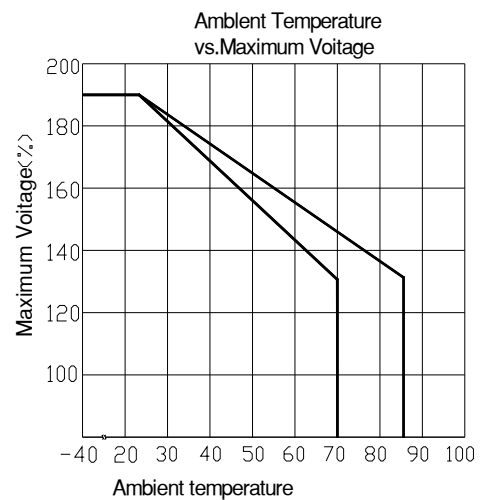
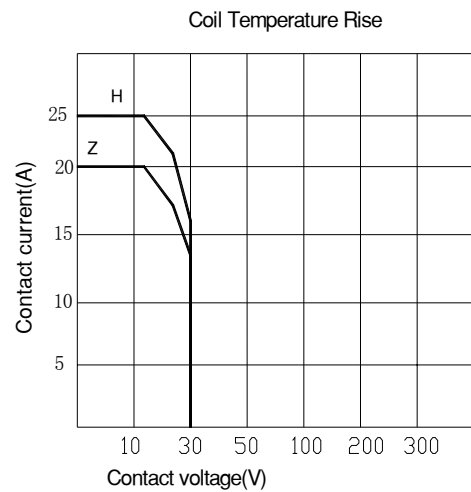
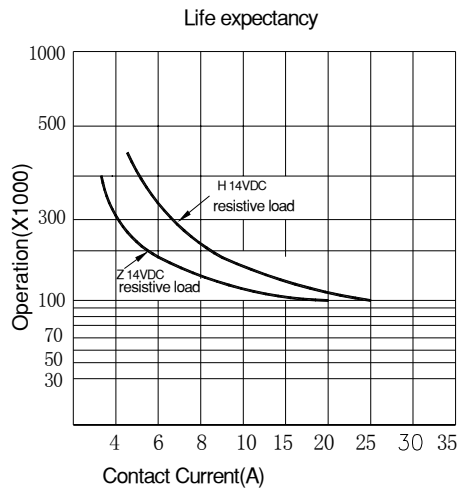
CONTACT DATA 触点参数

Contact Form触点形式	1H/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 14VDC 1Z: 20A 14VDC
Max Switching Voltage最大转换电压	24VDC
Max Switching Current最大转换电流	25A
Max Switching Power 最大转换功率	350W
Contact Resistance接触电阻	50m 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)

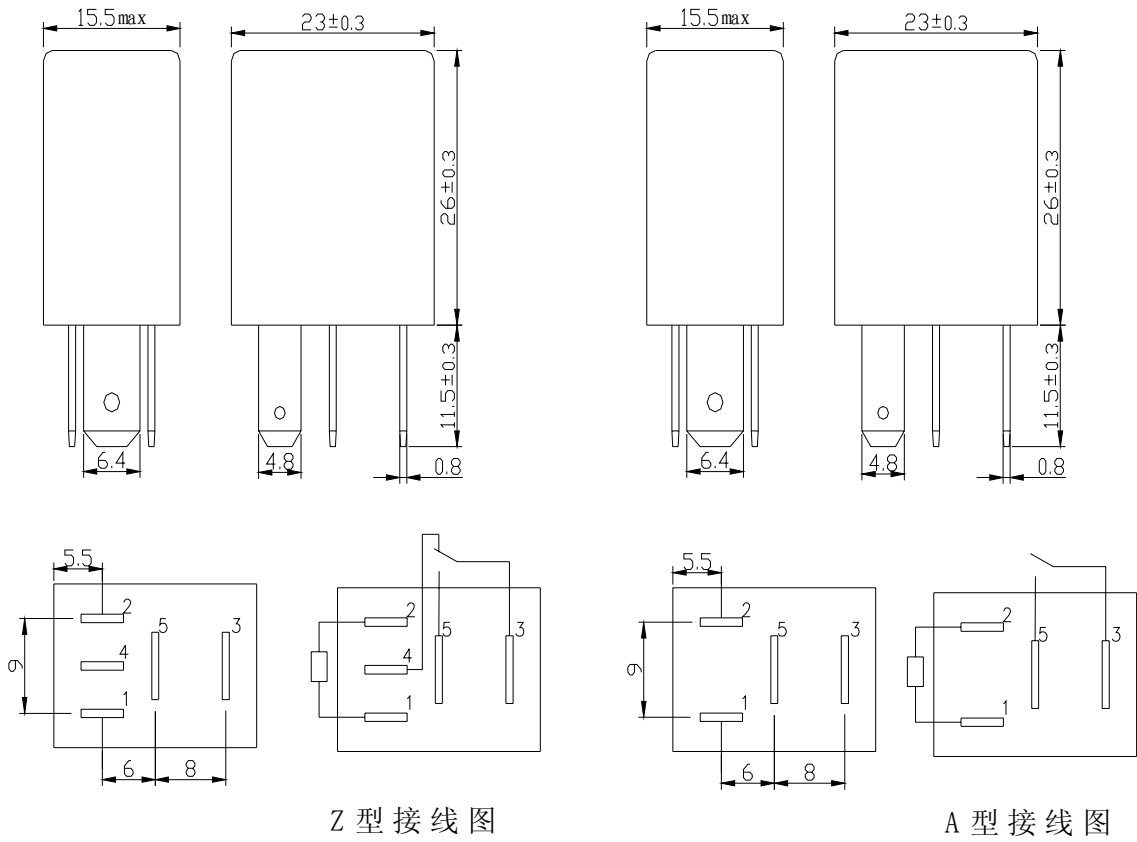
■ CHARACTERISTICS DATA 性能参数

Insulation Resistance绝缘阻值	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	10ms
Release Time释放时间	10ms
Temperature Range环境温度	-40 $^{\circ}$ C to +85 $^{\circ}$ 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: 18,000 operations/hr
	Electrical: 1,800 operations/hr
Humidity湿度	40-85%
Weight重量	Approx 18g

■ 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。