宁波天波港联电子有限公司

NINGBO TIANBO GANGLIAN ELECTRONICS CO., LTD

TRFM 技术指标

文件编号： SPECIFICATION

FILE NUMBER：T810S-A009A DATE：2004/06/25

◆ 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(COSΦ1)	
Contact Ratings触点负载		1A:25A 14VDC	1C :20A 14VDC
Minimum load 最小负载			
Max Switching Voltage最大转换电压		75VDC	
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		50mΩMax	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)

◆ GENERAL DATA一般参数

Insulation Resistance绝缘阻值		100MΩMin at 500VDC
Dielectric Strength Between Open Contacts触点间耐压		1000VAC(50/60Hz for one minute)
Between Contacts and coil触点与线圈间耐压		1000VAC(50/60Hz for one minute)
Operate Time吸合时间		10ms
Release Time释放时间		10ms
Temperature Range环境温度		-40℃to+85℃
Shock Resistance冲击	Operating Extremes动作极限	10G
	Damage Limits破坏极限	100G
Vibration Resistance振动		10-50Hz,1.5mm
Max. switching frequency最大转换频率		Mechanical:18,000operations/hr Electrical:1,800operations/hr
Humidity湿度		45-85%
Weight重量		Approx 18g
Safety Standard安全标准		

◆COIL DATA线圈参数

Coil Power 1.2W

Nominal Voltage 额定电压 (VDC)	Coil Resistance at20±10%(Ω) 线圈阻值	Rated current 额定电流 mA	Max Operate Voltage 最大吸合电压 VDC	Min ReleaseVoltage 最小释放电压 VDC	Max ApplicableVoltage 最大过载电压 VDC At23℃
6	30	200	3.9	0.3	7.8
12	120	100	7.8	0.6	15.6
24	480	50	15.6	1.2	31.2

Coil Power 1.6W

NominalVoltage 额定电压 (VDC)	Coil Resistance at20±10%(Ω) 线圈阻值	Rated current 额定电流 mA	Max Operate Voltage 最大吸合电压 VDC	Min ReleaseVoltage 最小释放电压 VDC	Max ApplicableVoltage 最大过载电压 VDC At23℃
6	23	261	3.9	0.3	7.8
12	90	133	7.8	0.6	15.6
24	360	67	15.6	1.2	31.2

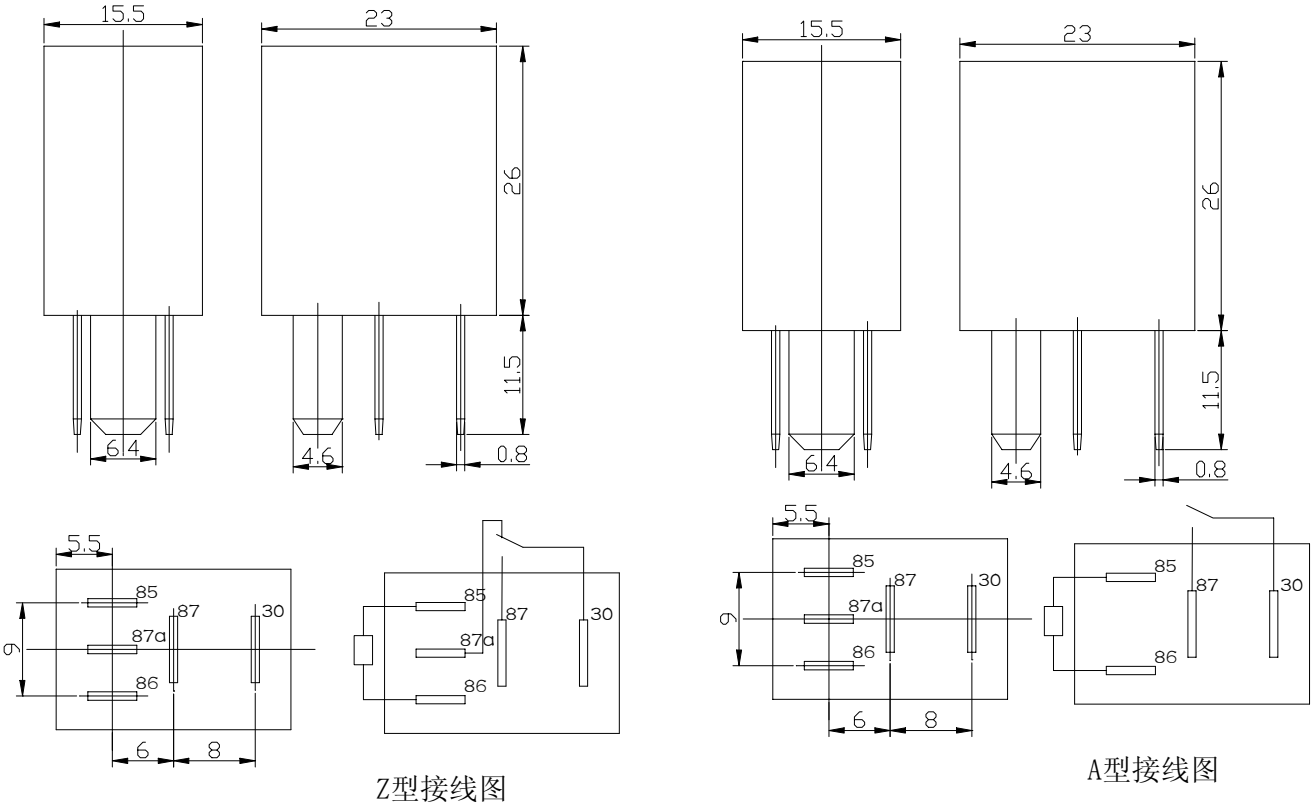
◈ORDERING CODE定购代码

TRFM D—12VDC—S—H

- H Form 1A 触点转换形式
- Z Form 1C
- Sealed 塑封
- Nil:不塑封
- Coil Nominal Voltage线圈额定电压
- D=1.6W L=1.2W
- Relay Model 继电器型号

◈OVERALL AND MOUNTING DIMENSIONS 安装图

安装图(B型)



Z型接线图

A型接线图