

FLS 823



主要特征 Features

- 30A 触点切换能力
- 防尘罩型和塑封型可供选择
- 外形尺寸 15.0X23X25.5

30A switching capability
Dust protected type and sealed type available
Outline dimensions: 15.0X23X25.5

性能参数 Specification

触点形式	Contact Form	1A, 1C
触点材料	Contact Material	AgSno2
最大额定切换电流	Max.Operating Current	30A
最大切换电压	Max.Operating Voltage	27VDC
额定负载(阻性)	Rated Load (Resistive load)	1A:30A 13.5VDC 20A 27VDC 1C:NO/NC 30A/20A 13.5VDC 20A/10A 27VDC
绝缘电阻	Insulation Resistance	100MΩ
介质耐压(线圈触点间)	Dielectric Strength (Coil and Contact)	500VAC/M
环境温度	Ambient Temperature	-40°C~+85°C
动作时间	Operate/Release Time	≤10ms
释放时间	Release Time	≤5ms
机械寿命 (min)	Mechanical Llife	1 X10 ⁶
电气寿命 (min)	Electrical Life	1 X10 ⁵
引出端形式	Terminal Type	快连接式 Terminal

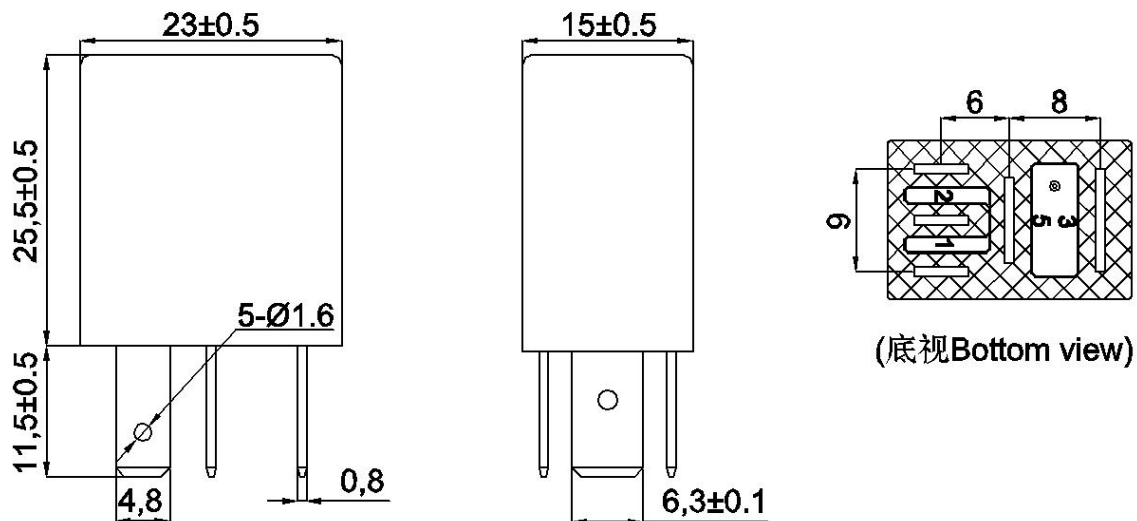
线圈参数 Coil Ratings

	额定电压 Rated voltage (VDC)	动作电压 Operate Voltage (VDC)	释放电压 Release voltage (VDC)	线圈电阻 Coil Resistance (Ω±10%)	并联电阻 Parallel Resistance (Ω±5%)	等效电阻 Equivalent Resistance (Ω±10%)	线圈功率 Coil Power (W)	允许最大线圈电压 Maximum coil voltage (VDC)	
								20 °C	85 °C
Standard 标准型	12	≤8.4	≥1.2	80	-	-	1.8	20.2	15.7
	12	≤8.4	≥1.2	80	680	71.6	2.0	20.2	15.7
	24	≤16.8	≥2.4	320	-	-	1.8	40.5	31.5
	24	≤16.8	≥2.4	320	2700	286	2.0	40.5	31.5
low power 低功耗型	12	≤8.4	≥1.2	90	-	-	1.6	20.2	15.7
	12	≤8.4	≥1.2	90	680	79.5	1.8	20.2	15.7
	24	≤16.8	≥2.4	360	-	-	1.6	40.5	31.5
	24	≤16.8	≥2.4	360	2700	317.6	1.8	40.5	31.5

订货指南 ORDERING GUIDE

继电器型号 Relay Type	FLS823	012	1A	1	G	R	xx
线圈电压 Coil Voltage:	012:12VDC 024:24VDC						
触电形式 Contact Form: 1A :	一组常开						
1C:	一组转换						
外壳安装形式 Shell Type :	1: 四面光滑 (无安装架)						
触点材质 Contact Material:	AgSno2						
线圈并联元件	无: 无并联元件						
Coil Parallel Components:	R 并联瞬态抑制电阻 (680Ω 12V) (2700Ω 24V)						
	D1 并联瞬态抑制二极管, 二级管正极接 86 脚						
	D2 并联瞬态抑制二极管, 二级管正极接 85 脚						
客户特性号 Customer Request:	XXXXXXX						

外形尺寸 Outline Dimensions

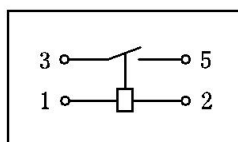


备注：（1）产品部分外形尺寸未注尺寸公差，当外形尺寸 $\leq 1\text{mm}$ ，公差为 $\pm 0.2\text{mm}$ ；当外形尺寸在（1~5）mm 之间时，公差为 $\pm 0.3\text{mm}$ ；当外形尺寸大于 5mm 时，公差为 $\pm 0.4\text{mm}$ ；

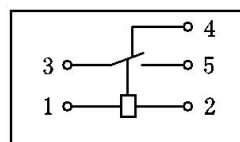
Remark: (1) In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$;
Outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.

接线图 Wiring Diagram (底视 Bottom View)

FLS823-0□□-□□1G

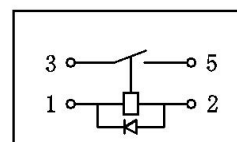


1A

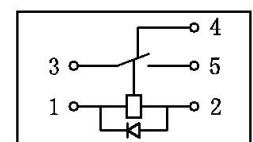


1C

FLS823-0□□-□□□□-D1

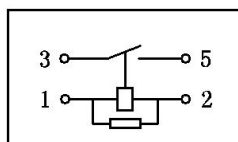


1A

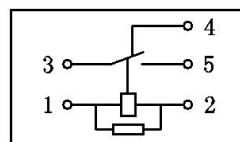


1C

FLS823-0□□-□□1G-R

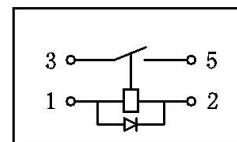


1A

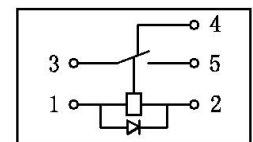


1C

FLS823-0□□-□□□□-D2



1A



1C

声明 STATEMENT:

本产品规格书仅供客户使用时参考，若有更改，恕不另行通知。

客户应根据具体的使用条件选择与之相匹配的产品。若有疑问，请与菲雷斯联系获取更多的技术支持，但产品选型责任由客户承担。

This product specification is for reference only to customers, subject to change without notice.

The customer should select the matching product according to the use condition. Any questions, please feel free contact us to get more technical support. However, product selection responsibility only by the customer.