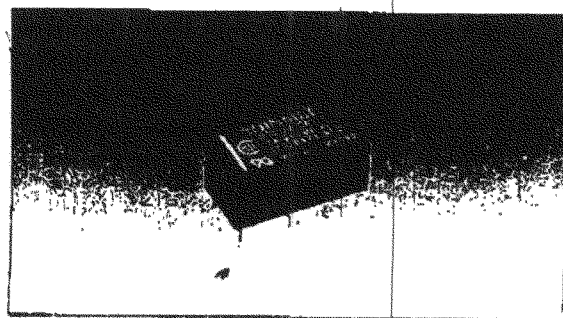


FEATURES

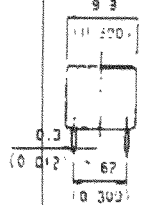
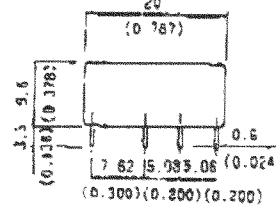
- 2 pole relay suitable for signal circuit.
- High sensitive polarized relay.
- 100mW Pick-up power (200mW nominal operating power).
- High reliability and long life
- 1×10^6 (mechanical life), 5×10^6 (2A 30VDC electrical life).
- High breakdown voltage
- 1500VAC Between coil and contact.
- 1000VAC Between open contacts.
- Gold-clad Silver nickel contact are available as standard.
- Sealed construction.
- UL File E128155
- CSA File 700170



DIMENSIONS / 尺寸图

Unit: mm (inch)

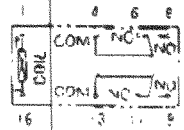
Mono-Stable 单稳态



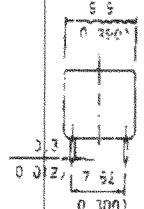
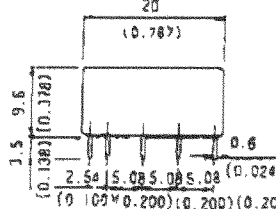
PC Board pattern 封装图



Schematic (Bottom view) 引出端排列-内部结构图



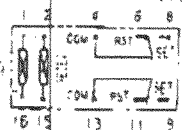
2 coil latching 双稳态



PC Board pattern 封装图



Schematic (Bottom view) 引出端排列-内部结构图



ORDERING CODE / 订货编号

RSB



Model: Mono-Stable
L: 2 coil latching
无表示: 单稳态
L: 双稳态

Coil voltage: 线圈电压
5, 6, 9, 12, 24, 48 VDC

Max. Standard Sensitivity type: 400mW
S: High Sensitive type: 200mW
无表示: 标准型: 400mW
S: 高灵敏度型: 200mW

NI: Ag-Ni contact
无表示: Ag-Ni 触点

COIL RATING / 线圈额定 (Mono-stable high sensitive 单稳态-高灵敏度型) (at 20°C)

Model number 型号	Nominal voltage 额定电压 (VDC)	Operate voltage 最大动作电压 (VDC Max.)	Release voltage 最小复位电压 (VDC Min.)	Coil resistance 线圈电阻 (Ω at 100°C)	Max. inrush current 最大允许冲击电流 (VDC)
RSB-5-S	5	3.6	0.5	125	9.8
RSB-6-S	6	4.2	0.6	180	11.7
RSB-9-S	9	6.3	0.9	405	17.1
RSB-12-S	12	8.4	1.2	720	23.4
RSB-24-S	24	16.8	2.4	2520	47.1
RSB-48-S	48	33.6	4.8	11520	94.2

COIL RATING / 线圈额定 (Mono-stable standard 单稳态-标准型) (at 20°C)

Model number 型号	Nominal voltage 额定电压 (VDC)	Operate voltage 最大动作电压 (VDC Max.)	Release voltage 最小复位电压 (VDC Min.)	Coil resistance 线圈电阻 (Ω at 100°C)	Max. inrush current 最大允许冲击电流 (VDC)
RSB-5	5	3.5	0.5	60.5	7.9
RSB-6	6	4.3	0.6	90	9.4
RSB-9	9	6.3	0.9	203	14.0
RSB-12	12	8.4	1.2	360	18.7
RSB-24	24	16.8	2.4	1440	37.3
RSB-48	48	33.6	4.8	5760	74.6

■ COIL RATING/线圈额定 (2 coil latching standard 双稳态·高灵敏度型) (at 20°C)

Model number 型号	Nominal voltage 额定电压 (VDC)	Set A. Reset voltage Rm. & Reset 电压 (VDC Max.)	Qen resistance (coil 1 & 2) 线圈电阻 (Ω ± 10%)	Max. allowable voltage 最大允许动作电压 (VDC Max.)
RSBL-5-S	5	3.5	139	9.8
RSBL-6-S	6	4.2	200	11.8
RSBL-9-S	9	6.3	450	17.7
RSBL-12-S	12	8.4	800	23.6
RSBL-24-S	24	16.8	3200	47.2
RSBL-48-S	48	33.6	12800	94.4

■ COIL RATING/线圈额定 (2 coil latching standard 双稳态·标准型) (at 20°C)

Model number 型号	Nominal voltage 额定电压 (VDC)	Set A. Reset voltage Set. & Reset 电压 (VDC Max.)	Qen resistance (coil 1 & 2) 线圈电阻 (Ω ± 10%)	Max. allowable voltage 最大允许动作电压 (VDC Max.)
RSBL-5	5	3.5	69.4	7.8
RSBL-6	6	4.2	100	9.3
RSBL-9	9	6.3	225	14.0
RSBL-12	12	8.4	400	18.7
RSBL-24	24	16.8	1600	37.4
RSBL-48	48	33.6	6400	74.8

■ CONTACT RATING/触点额定

Contact arrangement 触点形式	DPDT (2G)	
Contact material 触点材料	AgNi (Au clad)	
Contact rating (Resistive load) 触点额定 (电阻负载)	Max. switching voltage 最大开关电压	220V DC 250V AC
	Max. switching current 最大开关电流	2 A
	Max. switching power 最大开关功率	60W (DC) 125VA (AC)
	Max. carrying current 最大通电流	2 A
	Rated contact load 额定负载	2 A 30VDC 1 A 125VAC

■ GENERAL DATA/一般性能

Life expectancy 寿命	Mechanical life 机械寿命	100,000,000 Operations	
	Electrical life 电气寿命	500,000 Operations (2A 30VDC @ 125VAC) 2,000,000 Operations (1A 30VDC @ 5A 125VAC)	
Operate & Release time 动作复归时间	Operate time 动作时间	Max. 5 msec.	
	Release time 复归时间	Max. 3.5 msec.	
Temperature characteristics 温度特性	Coil temperature rise 线圈温度上升	Standard type 标准型	Less than 40 deg C (at nominal coil voltage)
		High sensitive type 高灵敏度型	Less than 30 deg C (at nominal coil voltage)
	Operate ambient temperature 动作温度	-40°C to +70°C	
	Storage ambient temperature 保存温度	-40°C to +80°C	
Dielectric strength 绝缘耐压	Between coil and contact 线圈-触点之间	1500Vrms (1 minute)	
	Between open contacts 触点之间	1000Vrms (1 minute)	
Environmental requirement 环境特性	Ambient humidity 湿度	Max. 80% RH	
	Ambient pressure 气压	1013hPa(mb) ± 20%	
	Vibration (Malfunction) 振动(误动作)	10-55Hz at double amplitude of 1.5mm	
Shock 冲击	Mechanical damage 机械损伤	100G	
	Malfunction 误动作	40G	