

特点 FEATURES

- 10安培功率继电器
10 Amps Power relay.
- UL ,CQC及 TUV 安规认证
UL ,CQC& TUV safety approval.
- 高绝缘力度
High dielectric strength.
- 接点线圈间为4,000VAC
4,000VAC between contacts and coil.
- 正常功率 200至400毫瓦特
Nominal power 200mW~400mW.
- 高感度型及标准型两种供选择
Sensitive and standard coil available.
- 可提供符合IEC 60730-1/IEC 60335-1 标准的产品
Products in accordance to IEC 60730-1/IEC60335-1 standards .



用途举例 USE EXAMPLES

家用电器、自动化系统、
电力设备、智能电表等

接点参数 CONTACT RATING

接点形式 Contact Form	1A SPST-NO	1C SPDT
最大切换功率 Max. Switching Power	2770VA	
最大切换电压 Max. Switching Voltage	277VAC	
最大切换电流 Max. Break Current	10A	
最小切换电流/电压 Min. Switching Current/Voltage	100mA 5VDC	
额定负载(阻性) Rating Load(Resistive)	NO:10A 277VAC NC:3A 277VAC	
接点材质 Contact Material	银合金 Ag Alloy	

性能参数 CHARACTERISTICS

电气寿命 Electrical Life	1×10 ⁵	
机械寿命 Mechanical Life	1×10 ⁶	
绝缘阻抗 Insulation Resistance	Min. 1,000MΩ 500VDC	
接触电阻 Contact Resistance(Initial)	≤100mΩ (6VDC 1A)	
动作时间 Operate Time	≤10ms	
开放时间 Release Time	≤5ms	
耐压 Initial Dielectric Strength	开放接点间 between open contacts : 50/60Hz 1000VAC 1min. 接点线圈间 between contacts and coil : 50/60Hz 4000VAC 1min.	
耐振动 Vibration Resistance	误动作: Functional:	10~55Hz 双振幅 Double Amplitude 1.5mm
	耐久: Destructive:	10~55Hz 双振幅 Double Amplitude 1.5mm
耐冲击 Shock Resistance	误动作: Functional:	10G
	耐久: Destructive:	100G
环境温度 Ambient Temperature	-40°C~+105°C (无结冰 No freezing)	
相对湿度 Relative Humidity	85% at 40°C	
单位重量 Unit Weight	约Approx.7g	

型号代码说明 ORDERING INFORMATION

134 H - 1A - 12 D S - F

1. 型号 Model Number

2. 线圈感度 Coil Sensitivity

标准型 (abt. 0.4W) Nil = Standard Type

高感度型 (abt. 0.2W) H = High Sensitivity Type

3. 接点形式 Contact Arrangement

1组常开 1A = 1 Form A

1组转换 1C = 1 Form C

4. 线圈电压 Coil Voltage

5、6、9、12、24VDC

5. 线圈形式 Coil Type

直流 D=DC

6. 密封形式 Enclosure

密封型 S = Sealed Type

7. 绝缘形式 Insulation Type

A级 Nil = Class A

F级 F = Class F

线圈额定值 (在20°C) COIL RATINGS (AT 20°C)

线圈形式 Coil Type	线圈额定电压 (V) Coil Nominal Voltage	线圈阻抗 ($\Omega \pm 10\%$) Coil Resistance	动作电压(V) (Max) Pick-Up Voltage	开放电压(V) (Min) Drop-Out Voltage	额定电流 (mA) Nominal Current
直流标准线圈 (abt. 0.4W) DC Standard Coils	5	63	3.75	0.25	79.4
	6	90	4.5	0.3	66.7
	9	202	6.75	0.45	44.6
	12	360	9	0.6	33.3
	24	1440	18	1.2	16.7
直流高感度线圈 (abt. 0.2W) DC High Sensitivity Coils	5	125	3.75	0.25	40
	6	180	4.5	0.3	33.3
	9	405	6.75	0.45	22.2
	12	720	9	0.6	16.7
	24	2800	18	1.2	8.3

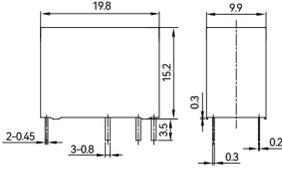
* 最大使用电压在20°C:线圈额定电压的130%

Max Continuous Voltage at 20°C:130% of Coil Normal Voltage

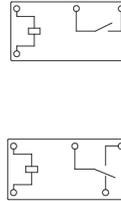
外部尺寸 OUTLINE DIMENSIONS

单位: 毫米 UNIT: mm

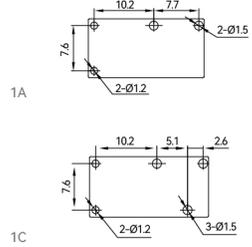
尺寸 Dimensions



内部连接 Internal Connections
(底视图 Bottom View)



孔位图 PCB Layout
(底视图 Bottom View)

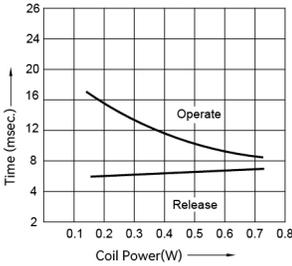


备注: 尺寸公差 $\leq 5\text{mm} \pm 0.2\text{mm}$, $> 5\text{mm} \pm 0.3\text{mm}$, 印刷电路板孔 $+0.2\text{mm}$

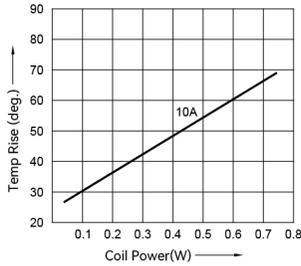
REMARK: Dimensions $\leq 5\text{mm} \pm 0.2\text{mm}$, $> 5\text{mm} \pm 0.3\text{mm}$, the tolerance of PCB thru hole: $+0.2\text{mm}$

参考资料 134 REFERENCE DATA

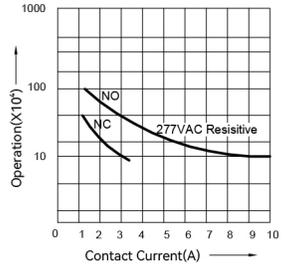
Timing



Coil Temperature Rise



Life Curves



安规认证 SAFETY STANDARD

安规名称 Approval	线圈电压 Coil Voltage	接点额定值 Contact Rating
UL FILE NO.: E171095	DC:5V ~ 24V	(134/134H 1A): 5A/277VAC 5A/30VDC 10A/125VAC 10A 277VAC (134/134H 1C): NO 10A/125VAC NO 10A/277VDC NO 5A/277VAC NO 5A/30VDC NC 3A/277VAC NC 5A/30VDC
TUV FILE NO.: R50535567	DC:5V,6V,9V,12V,24V,48V	(134/134H-1A): 10A 277VAC 10A 250VAC 5A 30VDC (134/134H-1C): NO 10A 277VAC NO 10A 250VAC NO 5A 30VDC NC 3A 277VAC NC 5A 30VDC
CQC FILE NO.: CQC23002386849	DC:5V,6V,9V,12V,24V	(134/134H-1A): 5A/277VAC 5A/30VDC 10A/125VAC (134/134H-1C): NO 5A/277VAC NO 5A/30VDC NO 10A/125VAC NC 3A/277VAC NC 5A/30VDC