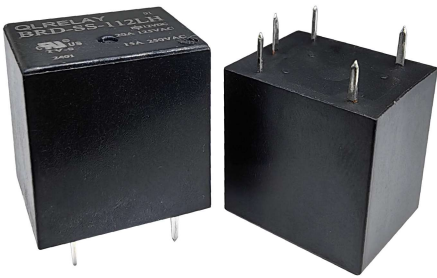


Power Relay Series 功率继电器系列 -- BRD-H

FEATURES特点

- Up to 20A contact switching capability
高达20A触点切换能力
- 1 Form A and 1 Form C configurations
具有一组常开、一组转换触点形式
- Overall dimensions (20.3X16.6X20.6) mm.
外形尺寸 (20.3X16.6X20.6) mm。



CONTACT PARAMETERS触点参数

Contact Form触点形式	1A -1组常开 1C -1组转换
Rating Load (Resistive) 额定负载 (阻性)	NO: 15A/250VAC 20A/125VAC NC: 15A /250VAC
Max. Switching Current最大切换电流	20A
Max.Switching Voltage最大切换电压	250VAC/30VDC
Max.Switching Power最大切换功率	3750VA/450W

CHARACTERISTICS性能参数

Contact Materials触点材料	Ag Alloy银合金		
Contact Resistance接触电阻	100mΩ Max		
Operate Time吸合时间	10ms. Max		
Release Time释放时间	5ms. Max		
Insulation Resistance绝缘电阻	100MΩ Min.(DC500V)		
Initial Dielectric Strength介质耐压	between open contacts: 触点与触点间:	AC1,000V,50/60Hz 1Min	
	between contacts and coil: 触点与线圈间:	AC1,500V,50/60Hz 1Min	
Vibration Resistance抗振动	Damage limits: 耐久:	10～55Hz Double Amplitude双振幅1.5mm	
	Malfunction: 误动作:	10～55Hz Double Amplitude双振幅1.5mm	
Shock Resistance抗冲击	Damage limits: 耐久:	100G Min	
	Malfunction: 误动作:	10G Min	
Life寿命	Mechanical Life (10800 per hour) 机械寿命（每小时10800次）	1×10 ⁷	
	Electrical Life (1800 per hour) 电气寿命（每小时1800次）	1×10 ⁵	
Ambient Temperature环境温度	-40℃～+105℃（No condensation）（不冷凝）		
Unit Weight单位重量	约Approx.12.0g		

COIL RATINGS (at23℃) 线圈参数 (在23℃)

Coil Nominal Voltage 额定电压 (VDC)	Nominal Current 额定电流 ±10%(mA)	Coil Resistance 线圈电阻 ±10% (Ω)	Max. Continuous Voltage 最大连续外加电压	Pick-Up Voltage 吸合电压 (Max)	Drop-Out Voltage 释放电压 (Min)	Rated power 额定功率
3	120.00	25	Coil Nominal Voltage 130% 额定电压的 130%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 10% 额定电压的 10%	About 0.36 W 约0. 36W
5	71.42	70				
6	60.00	100				
9	40.00	225				
12	30.00	400				
15	24.00	625				
18	20.00	900				
24	15.00	1,600				
48	7.50	6,400				

ORDERING INFORMATION订货标记

BRD - SS - 1 12 LM H (XXX) 1 2 3 4 5 6 7						
1.Model Number基本型号 BRD 2.Encapsulation form: SS -Plastic Sealed 封装形式: SS -塑封型 3.Number of Pole: 1 : Single pole 开关型式: 1 — 一组开关 4.Coil Voltage线圈规格 (VDC): DC5V,DC6V,DC9V,DC12V,DC18V,DC24V,DC48V				5.Contact form: LM-1Form A, L -1Form C 触点形式: LM-1组常开 L-1组转换 6.Rating load : H - 20A 额定负载: H - 20A 7.Customer Special Code :XXX-Customer Special Requirements No - Standard Type 客户特性号: XXX-客户特殊要求, 无-标准型		

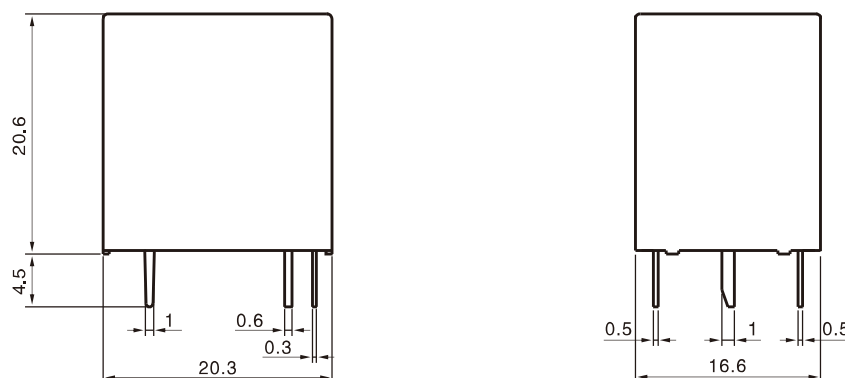
SAFETY STANDARD安规认证

AuthType Basic认证类别	UL
Authentication Load 认证负载	20A 125VAC 15A 250VAC TV-8 125VAC

TYPICAL USE典型用途

- 家用电器: 空调、电热器等 Vending Machines
- 办公室设备: 电脑、传真机等 Office equipment: Computer, Fax, Etc..
- 智能家居产品 Smart Home Products

OUTLINE DIMENSIONS (UNIT:mm)外形尺寸 (单位: mm)



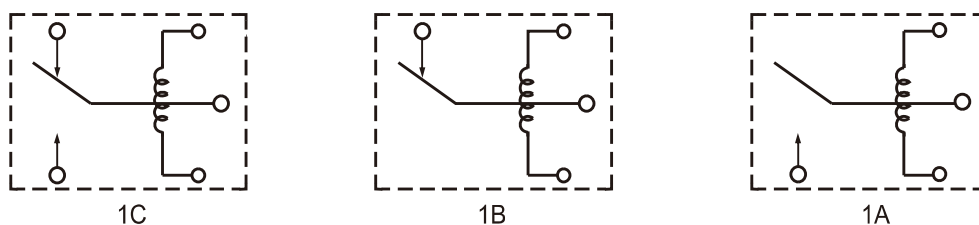
Undimensioned tolerance: <1mm: ± 0.2 mm 1~5mm: ± 0.3 mm >5mm: ± 0.4 mm

未标注尺寸公差: <1mm: ± 0.2 mm 1~5mm: ± 0.3 mm >5mm: ± 0.4 mm

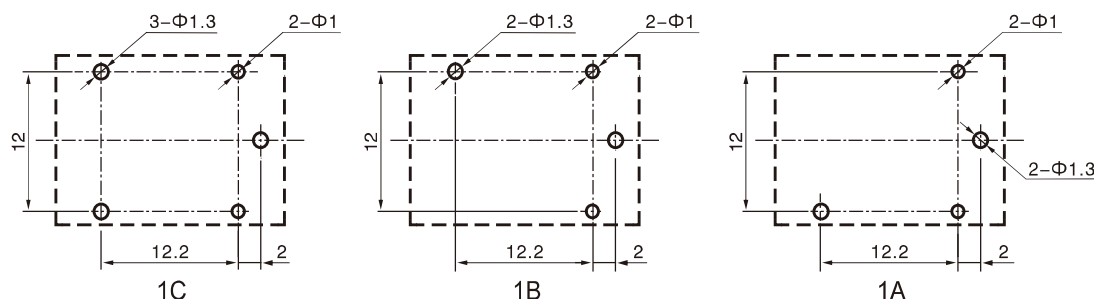
Note: 1. The size of the lead foot is pre welding dimension. 注: 1、引出脚尺寸为预焊前尺寸

2. installation hole size tolerance: ± 0.1 mm 2、安装孔尺寸公差: ± 0.1 mm

Wiring diagram (bottom view)
接线图 (底视图)

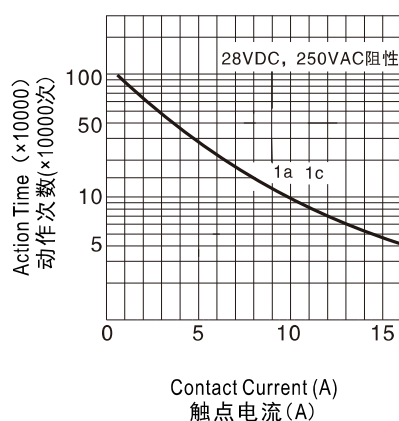


Mounting hole size (bottom view)
安装孔尺寸 (底视图)



PERFORMANCE CHART性能曲线图

Life Curve
寿命曲线



Coil temperature rise
线圈温升

