

Power Relay Series 功率继电器系列 -- BRT2

FEATURES特点

- Up to 8A contact switching capability
高达 8A触点切换能力
- Plastic and flux proof are available
塑封型和防焊剂型可供选择
- 5kV dielectric strength (between coil and contacts)
线圈与触点间介质耐压5kV
- Overall dimensions (29.0X12.7X15.7) mm
外形尺寸 (29.0X12.7X15.7) mm



CONTACT PARAMETERS触点参数

Relay Type 产品型号	BRT2
Contact Form触点形式	2A/2B/2C-2组 常开/常闭/转换
Rating Load (Resistive) 额定负载 (阻性)	8A 250VAC
Max. Switching Current最大切换电流	8A
Max. Switching Voltage最大切换电压	250VAC
Max. Switching Power最大切换功率	2,000VA

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	15ms .Max		
Release Time释放时间	8ms .Max		
Insulation Resistance绝缘电阻	100MΩ Min.(DC500V)		
Initial Dielectric Strength介质耐压	between open contacts: 断开触点间	AC1,000V,50/60Hz 1Min	
	between contacts and coil: 触点与线圈间:	AC5,000V,50/60Hz 1Min	
	Contact contact sets: 触点组间:	AC2,500V,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℃～+85℃（No condensation）（不冷凝）		
Unit Weight单位重量	约Approx.13.5g		

COIL RATINGS (at23°C) 线圈参数 (在23°C)

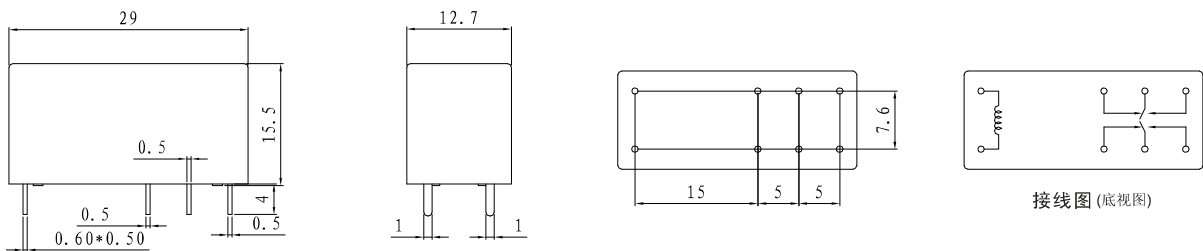
Coil Nominal Voltage 额定电压 (VDC)	Nominal Current 额定电流 ±10%(mA)	Coil Resistance 线圈电阻 ±10% (Ω)	Max. Continuous Voltage 最大连续外加电压	Pick-Up Voltage 吸合电压 (Max)	Drop-Out Voltage 释放电压 (Min)	Rated power 额定功率
5	80.00	62.50	Coil Nominal Voltage 130% 额定电压的 130%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 10% 额定电压的 10%	About 0.4W 约0.4W
6	66.67	90.00				
9	44.44	202.5				
12	33.33	360.0				
18	22.00	810.0				
24	16.67	1440				
48	8.33	5760				

ORDERING INFORMATION订货标记

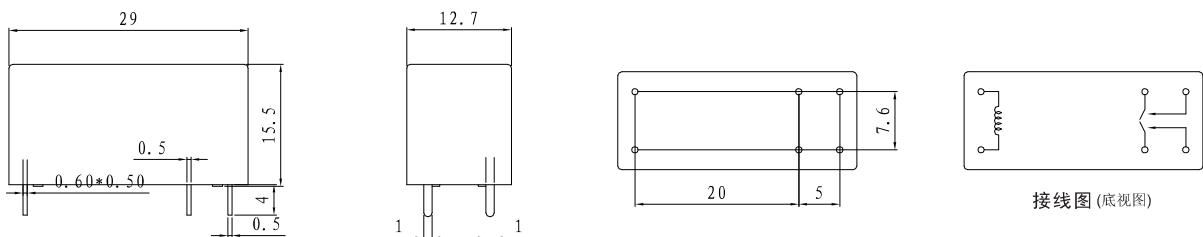
BRT 2 - SS - 2 12 D M (XXX)							
1	2	3	4	5	6	7	8
1.Model Number基本型号 BRT				5.Coil Voltage线圈规格 (VDC): DC5V,DC6V,DC9V,DC12V,DC18V,DC24V,DC48V			
2.Type Code 系列代码 2 - BRT2				6.Coil Power: D - 0.40W 线圈功耗: D-0.40W			
3.Encapsulation form: SS Plastic Sealed 封装形式: SS- 塑封型				7.Contact form: M- FormA, B- Form B , Nil - Form C 触点形式: M- 常开型 B- 常闭型 无 - 转换型			
4.Number or pole : 2 - 2 pole 触点组数: 2—2组触点				8.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			

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

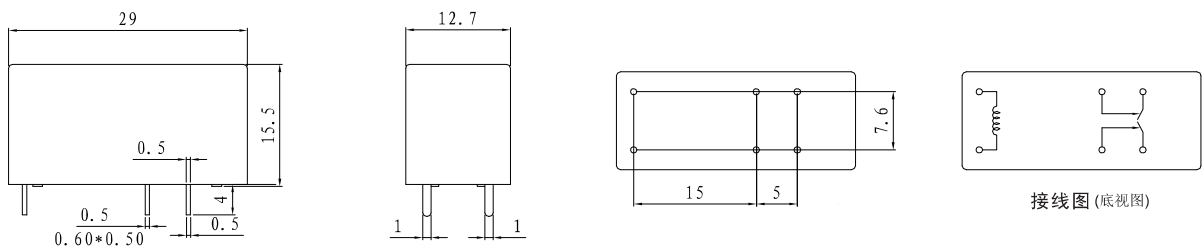
2组转换



2组常开



2 组常闭



Dimension Tolerance:< 1mm: ± 0.2mm
1--5mm: ± 0.3mm
> 5mm: ± 0.5mm

SAFETY STANDARD安规认证

Model Number	BRT2	
TUV	NO. 8A/250VAC	NC. 8A/250VAC
UL	NO. 8A/250VAC	NC. 8A/250VAC
CQC 105°C	NO. 8A/250VAC	NC. 8A/250VAC

TYPICAL USE典型用途

- Home Appliances, Intelligent Control, Smart Home, Smart Plug, Air Conditioning, Microwave, Industrial Control, Etc..
- 家用电器，智能控制，智能家居，智能插座，空调，微波炉，工业控制等

PERFORMANCE CHART性能曲线图

