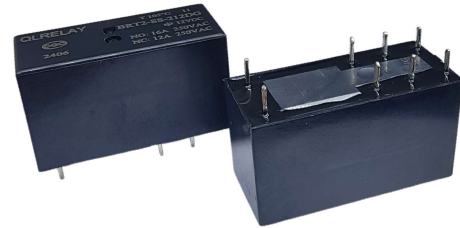


Power Relay Series 功率继电器系列 -- BRT2-G

FEATURES特点

- Up to 16A contact switching capability
高达16A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-G
Contact Form 触点形式	2A / 2C-2组常开 / 转换
Rating Load (Resistive) 额定负载 (阻性)	NO: 16A 250VAC NO/NC: 16A/12A 250VAC
Max. Switching Current 最大切换电流	16A
Max. Switching Voltage 最大切换电压	250VAC
Max. Switching Power 最大切换功率	4000VA

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)	NO: 16A 250VAC 3×10 ⁴ NO/NC: 16A/12A 250VAC 3×10 ⁴
Ambient Temperature 环境温度	-40°C ~ 105°C (No condensation) (不冷凝)	
Unit Weight 单位重量	约Approx.13.5g	

COIL RATINGS (at 23°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

BRT2 - SS - 2 12 D M F G 1 2 3 4 5 6 7 8							
1. Model Number 基本型号 BRT3				5. Coil Power: D - 0.40W 线圈功耗: D-0.40W			
2. Encapsulation form: SS - Plastic Sealed 封装形式: SS- 塑封型				6. Contact form: M- Form A, Nil - Form C 触点形式: M- 常开型, 无 - 转换型			
3. Number or pole: 2 - 2 pole 触点组数: 2-2组触点				7. Insulation level: F - CLASS F Nil - Standard products 绝缘等级: F - Class F 无 - 标准品			
4. Coil Voltage 线圈规格 (VDC): DC5V, DC6V, DC9V, DC12V, DC18V, DC24V, DC48V				8. load / 负载: G: High load 高负载型			

SAFETY STANDARD 安规认证

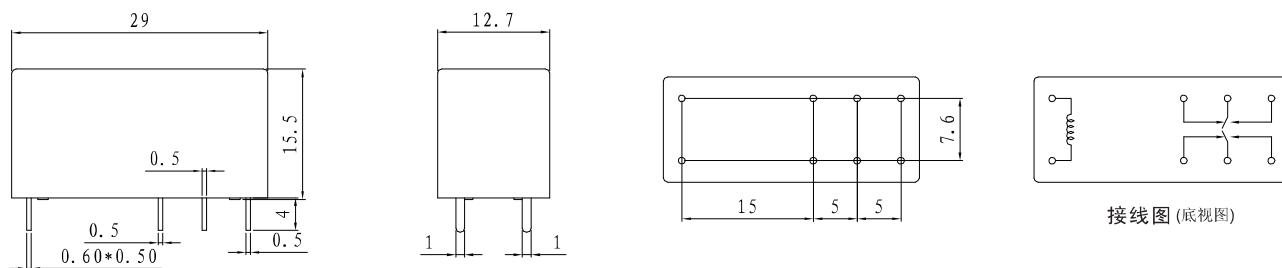
Model Number	BRT2
CQC 105°C	NO: 16A 250VAC NO/NC: 16A/12A 250VAC

TYPICAL USE 典型用途

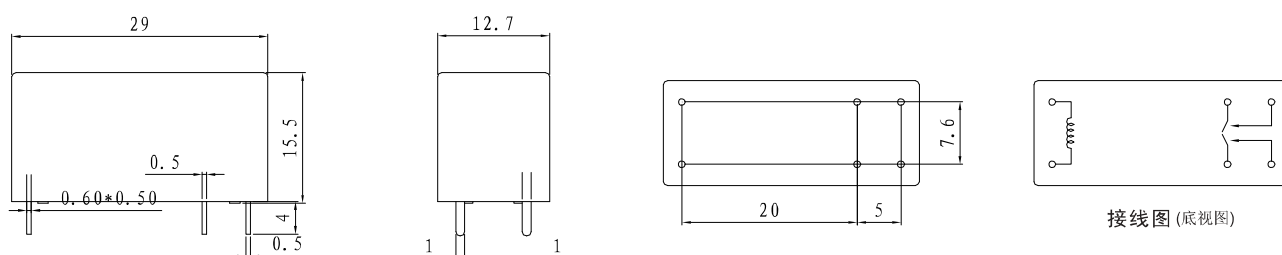
- Home Appliances, Intelligent Control, Smart Home, Smart Plug, Air Conditioning, Microwave, Industrial Control, Etc..
- 家用电器, 智能控制, 智能家居, 智能插座, 空调, 微波炉, 工业控制等

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

2组转换



2组常开



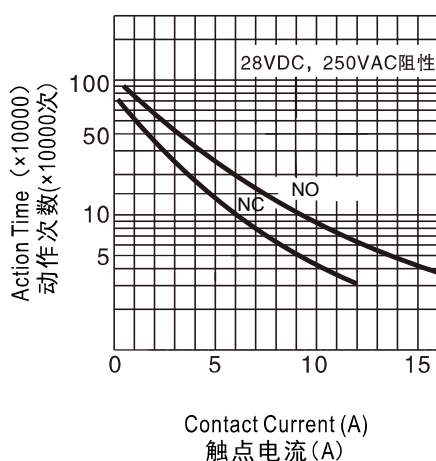
Dimension Tolerance: < 1mm: $\pm 0.2\text{mm}$

1--5mm: $\pm 0.3\text{mm}$

> 5mm: $\pm 0.5\text{mm}$

PERFORMANCE CHART性能曲线图

Life Curve
寿命曲线



Coil temperature rise
线圈温升

