

Power Relay Series 功率继电器系列 -- BRT3-G

FEATURES特点

- Up to 25A contact switching capability
高达25A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	BRT3-G
Contact Form触点形式	1A -1组常开
Rating Load (Resistive) 额定负载 (阻性)	NO: 25A/250VAC
Max. Switching Current最大切换电流	25A
Max.Switching Voltage最大切换电压	250VAC
Max.Switching Power最大切换功率	6250VA

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	8 ms .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	
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:	25A/250VAC 1×10 ⁴
		NO:	20A/250VAC 3×10 ⁴
Ambient Temperature环境温度	-40℃ ~ 105℃ (No condensation) (不冷凝)		
Unit Weight单位重量	约Approx.13.5g		

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
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

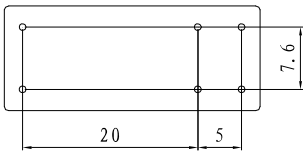
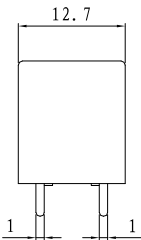
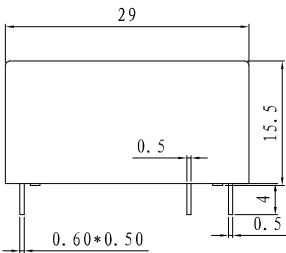
BRT3 - SS - 1 12 D M F G 1 2 3 4 5 6 7 8							
1.Model Number基本型号 BRT3				5.Coil Power: D - 0.40W 线圈功耗: D-0.40W			
2.Encapsulation form: SS Plastic Sealed 封装形式: SS- 塑封型				6.Contact form: M- FormA 触点形式: M- 常开型			
3.Number or pole : 1 - 1 pole 触点组数: 1—1组触点				7.Insulation level: F - CLASS F Nil-Standard 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	BRT3
CQC 105℃	NO. 25A/250VAC

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

1组常开



接线图 (底视图)

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