

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

BC-503 Automotive Relay

FEATURES 特点

- High Capacity up to 30 Amps
30A 触点切换能力
- DIN Pitch Terminals
- Quick connect , PCB and Bracket type mounting method available for your choice
有快速连接式,PC 板连接和有背式供选择
- Application for Car Compressors, Fog Lights, Startors and Horns etc...
应用于汽车控制装置,如:压缩机,雾灯,启动和喇叭等



COIL RATING(at 20°C) 线圈参数

Nominal Voltage (VDC) 额定电压	Coil Resistance ($\Omega \pm 10\%$) 线圈电阻	Nominal Current (mA) 耗电流	Pick-Up Voltage (VDC) 吸合电压	Drop-Out Voltage (VDC) 释放电压	Power(W) Consumption 线圈功率
12	85	141	8.4	2.4	1.7
24	330	73	16.8	4.8	1.7

ORDERING INFORMATION 订货编号

BC-503-2A- 12VDC - P- M

Contact Arrangement 触点形式	Coil Voltage 线圈电压	Terminal 安装方式	Mounting Method 外壳形式
1A : 1 Form A 1C : 1 Form C 2A : 2 Form A	See Coil Rating 参见"线圈参数"表	Nil : Quick Connect 锁螺丝式 P : PCB Terminal PC 板式	Nil : No Bracket 无背式 M : With Bracket 靠背式

SPECIFICATIONS 规格表

Model No. 型号	BC-503		
Contact Arrangement 触点形式	1 Form A	1 Form C	2 Form A
Contact Material 触点材质	AgSnO ₂		
Contact Rating(at Resistive Load) 触点负载 (阻性负载)	40A 12VDC	NO:40A 12VDC NC:30A 12VDC	25A 12VDC×2
Max.Switching Voltage 最大开关电压	30VDC		
Max.Switching Current 最大开关	40A		

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电流	
Contact Resistance 接触电阻	Max. 50m Ω (initial)
Insulation Resistance 绝缘电阻	Min.100M Ω at 500VDC
Dielectric Strength 介质耐压	
Between Coil & Contact 线圈与触点间	750VAC 50 HZ/60 HZ (1 minute)
Between Contact 触点组之间	750VAC 50 HZ/60 HZ (1 minute)
Operate Time 动作时间	Max.10mSec.
Release Time 释放时间	Max.10mSec.
Ambient Temperature 环境温度	-25 °C +80 °C
Vibration Resistance(Endurance) 振动	10-60 HZ 40m/s
Shock Resistance 冲击	Min.10G Unerror
Mechanical Life 机械寿命	1×10 ⁷ operations (at no load)
Electrical Life 电气寿命	1×10 ⁵ operations (at rated load)
Weight 重量	Approx.32g(w/o bracket),35g(with bracket)

