

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

## BS-901 PC Board Relay

### FEATURES 特点

- Designed for the Appliance Industry and Heating, Ventilating and Air-Conditioning  
适用于工业器械,加热器和通讯装置等负载
- Switching Capacity up to 30A  
30A 触点切换能力
- UL File No.E147052
- CSA File No.LR76479-1



### 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	Maximum Allowable Voltage(VDC) 最大过载电压	Power(W) Consumption 线圈功率
5	27	185	3.75	0.5	5.5	0.93
6	40	150	4.50	0.6	6.6	0.90
9	97	93	6.75	0.9	9.9	0.84
12	155	77	9.00	1.2	13.2	0.93
24	660	36	18.00	2.4	26.4	0.87
48	2560	18	36.00	4.8	52.8	0.97

### ORDERING INFORMATION 订货编号

BS-901 C S-12VDC



Contact Arrangement 触点形式	Protection 封装方式	Coil Voltage 线圈电压
A : 1 Form A C : 1 Form C	Nil: Open 敞开型 C : Dust Cover 防尘型 S: Sealed 密封型	See Coil Rating 参见 " 线圈参数 " 表

### SPECIFICATIONS 规格表

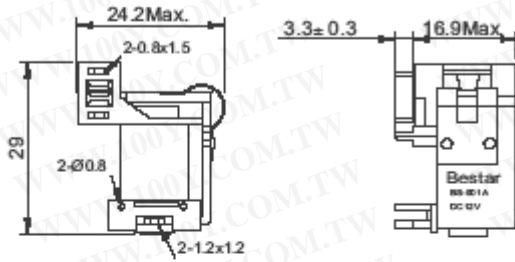
Model No. 型号	BS-901	
Contact Arrangement 触点形式	1 Form A	1 Form C
Contact Material 触点材质	AgCdO	
Contact Rating 触点负载	Resistive Load 30A 240VAC/28VDC	NO-20A 240VAC/28VDC NC-15A 240VAC/28VDC

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)

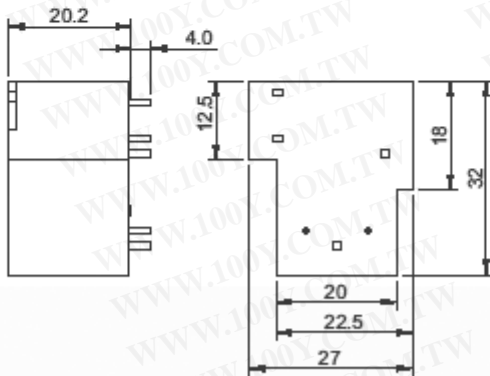
Motor Load	2HP 240VAC 1HP 120VAC	NO:2HP 240VAC 1HP 120VAC NC:1/2HP 240VAC 1/4HP 120VAC
Contact Resistance 接触电阻	Max.100m Ω (initial)	
Max.Switching Current 最大开关电流	30A	20A
Max.Switching Voltage 最大开关电压	240VAC,110VDC	
Min.Switching Load 最小开关负载	1A 5VDC, or 12VDC	
Insulation Resistance 绝缘电阻	Min.1000M Ω at 500VDC	
Dielectric Strength 介质耐压		
Between Coil & Contact 线圈与触点间	1500VAC 50HZ/60 HZ (1 minute)	
Between Contacts 触点组之间	1500VAC 50HZ/60 HZ (1 minute)	
Operate Time 动作时间	Max.15mSec.	
Release Time 释放时间	Max.10mSec.	
Ambient Temperature 环境温度	-55 °C ~+85 °C	
Vibration Resistance(Endurance) 振动	1.0mm D.A. 10-55HZ	
Shock Resistance 冲击	Unerror 10G	
Mechanical Life 机械寿命	1×10 <sup>7</sup> operations (at no load)	
Electrical Life 电气寿命	1×10 <sup>5</sup> operations (at rated load)	
Weight 重量	Approx.20g(Open type ),25g(Sealed type )	

### DIMENSIONS(mm)

\*Open Type



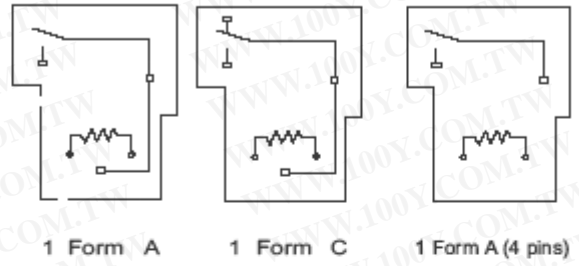
\*Sealed Type



General Tolerance  $\pm 0.3$

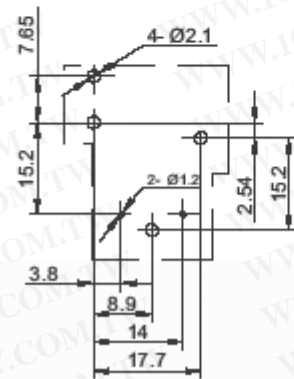
### WIRING DIAGRAM

(Bottom View)



### PC board pattern (mm)

(Bottom View)



General Tolerance  $\pm 0.1$