

# BS4

(15.5\*11\*11.5)mm

### **QUICK DETAILS**

Brand Name:SINETONG  
Model Number:BS4&BS401  
Size:Miniature

Theory: Electromagnetic Relay  
Contact Load: High Power

### **PRODUCT ADVANTAGE**

- 1.Low coil power consumption high sensitivity
- 2.Small volume, light weight
- 3.Used in the automatic remote control system equipment, communication equipment, wireless remote control, voice-activated toys

### **ORDER INFORMATION**

**BS4 — 24 — S — C — 20**

1      2      3      4      5

1. Model number : BS4 & BS401
2. Coil voltage(V) : DC:5 V, 6V , 9 V, 12V, 24V
3. Construction : S:Sealed; E : Flux-proofed
4. Contact form : C: Conversion A:Normal Open    B:Normal Close
5. Coil Power: 20:0.2W, 36:0.36W, 45:0.45W

### **CONTACT DATA**

Contact Form	NO 1A, NC 1B, Conversion 1C	
Contact Material	Ag AgNi	
Contact Load	1A, 2A, 3A, 5A/125VAC	
Max Switching Power	150W 625VA	
Max Switching Voltage	60VDC/ 220VAC	
Max Switching Current	5A	
Contact Resistance	≤100mΩ	
Life	Electrical	10 <sup>5</sup>
	Mechanical	10 <sup>7</sup>

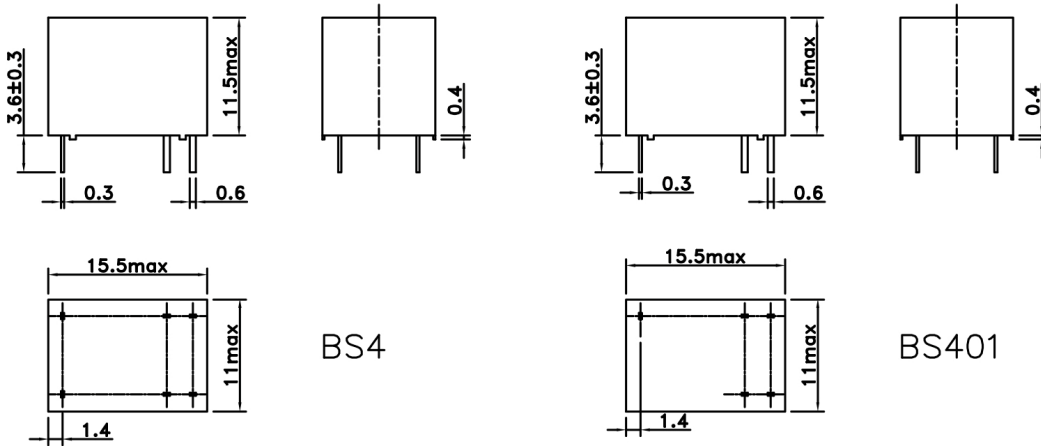
### **COIL DATA (20°C)**

Coil Voltage (VDC)		Operating Voltage (VDC) Max.	Release Voltage (VDC) Min.	Coil Resistance R( 1±10% ) Ω	Power (W)
Rated	Max				
5	5.5	3.75	0.5	125/75/56	0.2/0.36/0.45
6	6.6	4.5	0.6	180/100/80	
9	9.9	6.75	0.9	405/225/180	
12	13.2	9.0	1.2	720/400/320	
24	26.5	18.0	2.4	2880/1600/1280	

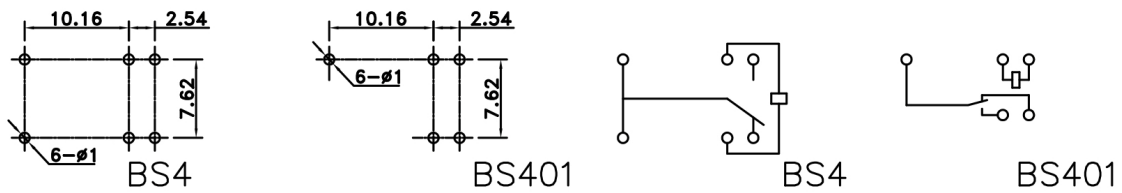
### **GENERAL DATA**

Insulation Resistance	Min 100MΩ (500VDC)
Disconnect between contact	50Hz 500V
Between Coil & Contacts	50Hz 500V
Action time	≤5ms
Release time	≤5ms
Impact resistance	100m/s <sup>2</sup> 11ms
Aseismicity	10Hz~500Hz Double flaps 1.5mm
Terminal Strength	5N
Weldability	(235±2)°C , (3±0.5)s
Ambient Temperature	-25°C~70°C
Relative Humidity	85% (40°C)
Unit Weight	About 3.5g

## Outline Dimension (Unit:mm)



Shape dimension figure



Installation size chart view View the wiring diagram  
(bottom) (bottom)

- NOTES** 1).Dimensions are in millimeter.  
2).Inch equivalents are given for general information only

## Reference Data

