

BS6

(23.3*16.4*10.3)mm

QUICK DETAILS

Brand Name:SINETONG

Model Number:BS6

Theory: Electromagnetic Relay

Contact Load: High Power

Size:Miniature

Environmental friendly product (RoHS compliant)

PRODUCT ADVANTAGE

- 1 High rating: 16A
- 2.High sensitive: 200mW
- 3 PCB layouts available
- 4 Low height, flat construction

ORDER INFORMATION

BS6 -- 12 -- A S T -- P
1 2 3 4 5 6

- 1 . Model Number : BS6
- 2 . Coil Voltage(VDC) : 5; 6 ; 9 ; 12 ; 18 ; 24 ;48;
- 3 . Contact Form : A : A Group Normal Open
- 4 . Construction: S:Sealed ; No S:Prevent solder type
- 5 . Contact Material : T:AgSnO₂ ; D:AgCdO
- 6 . P: 16A High Load No: 12A Standard

CONTACT DATA

Contact Form	1A	
Contact Material	AgSnO ₂ AgCdO	
Contact Load	1A--P	1A
	16A/250VAC, 30VDC	12A/250VAC, 30VDC
Max Switching Power	300W 4000VA	
Max Switching Voltage	30VDC/ 250VAC	
Max Switching Current	20A	
Contact Resistance	100mΩ (1A 24VDC)	
Life	Electrical	10 ⁵
	Mechanical	10 ⁷

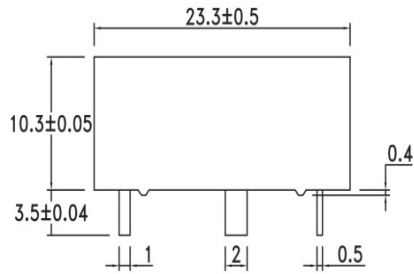
COIL DATA

Rated Voltage	5, 6, 9, 12, 18, 24, 48VDC
Pick-up Voltage	80% of rated voltage
Drop-out Voltage	10% of rated voltage
Rated Coil Power	200mW; 400mW

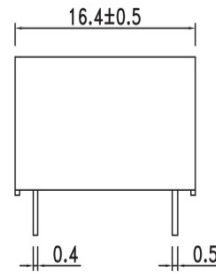
GENERAL DATA

Insulation Resistance	1000MΩ (500VDC)	
Dielectric Strength	Disconnect Between Contact	1000VAC 1min
	Between Coil & Contacts	2500VAC 1min
Operate Time	≤ 10ms	
Release Time	≤ 5ms	
Impact Resistance	Functional 98m/s ² Destructive 980m/s ²	
Vibration Resistance	10Hz~55Hz Double flaps 1.5mm	
Terminal Form	PCB Form	
Ambient Temperature	-40°C~85°C	
Relative Humidity	85% RH	
Unit Weight	About 8.0 g	
Package Type	Sealed , Prevent solder type	

Outline Dimension (Unit:mm)

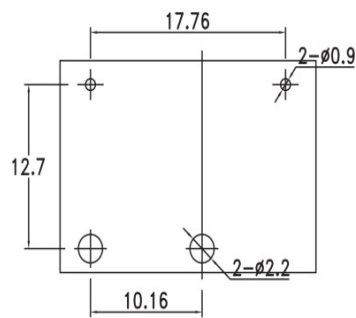
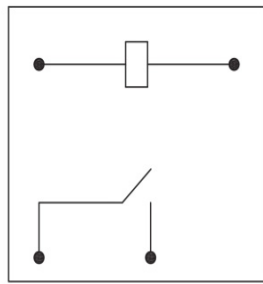


Outline Diagram(1)



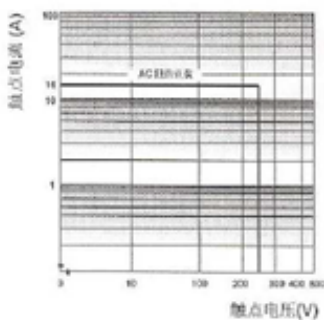
Outline Diagram(2)

Wiring Diagram(Bottom View) Mounting hole size(Bottom View)

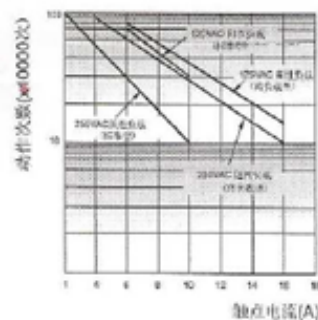


Performance Curves

Max switching power



Electrical endurance curve



Temperature rise

