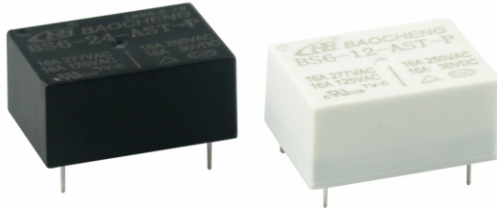


BS6-P



Product Features

- ◆ High contact load capacity 16A,Max.20A
- ◆ High-sensitivity:200mW
- ◆ PCB terminal type
- ◆ Environmental friendly product
- ◆ Flat type
- ◆ Flux tight and sealed types available
- ◆ Outline dimensions:23.0*16.2*10.6mm

 us E361440
  12002069369
  R 50193490

Ordering Information

Model No.	BS6	-24	-A	S	T	-P	W	T-105°C
Nominal Coil Voltage:	5,6,9,12,18,24,48V(DC)							
Contact Form:	A: Normally Open							
S:	Sealed type Nil:Flux tight type							
Contact Material:	AgSnO ₂							
T:	Contact load current 16A, Max.20A							
Color:	W: White Nil:Black							
T-105°C:	Ambient Temperature Max.105°C Nil:Ambient Temperature Max.85°C							

Contact Rating

Contact Form	1A	
Contact Material	Ag Alloy	
Contact Rating	16A 250VAC/30VDC,16A 125/277VAC,TV-5 125VAC,1/3HP 1/4HP 120VAC/125VAC 1200W Tungsten, 0.2W:800VA,960VA 0.36W:1385VA E.B	
Switching Power Max.	480W 4000VA	
Switching Voltage Max.	30VDC/277VAC	
Switching Current Max.	20A	
Contact Resistance	≤ 100mΩ (1A 24VDC)	
Endurance	Electrical	10 ⁵
	Mechanical	10 ⁷

Safety Approval Rating

Approval	CQC/TÜV	UL
Load Rating	16A 250VAC 30VDC	16A 277VAC, 16A 125VAC, TV-5 125VAC, 1/3 Motor, 1/4 Motor, 1200W Tungsten, 800VA E.B, 960VA E.B, 1385VA E.B

Coil Rating

1A 200mW					
No.	Coil Voltage(VDC)		Coil Resistance R(1 ± 10%) Ω	Pick up Max.(VDC) (80% of Nominal Voltage)	Drop out Min.(VDC) (10% of Nominal Voltage)
	Nominal	Max.			
005-200	5.0	6.5	125	4.00	0.50
006-200	6.0	7.8	180	4.80	0.60
009-200	9.0	11.7	405	7.20	0.90
012-200	12.0	15.6	720	9.60	1.20
018-200	18.0	23.4	1620	14.40	1.80
024-200	24.0	31.2	2880	19.20	2.40
048-200	48.0	52.8	11520	38.40	4.80
1A 360mW					
No.	Coil Voltage(VDC)		Coil Resistance R(1 ± 10%) Ω	Pick up Max.(VDC) (80% of Nominal Voltage)	Drop out Min.(VDC) (10% of Nominal Voltage)
	Nominal	Max.			
005-360	5.0	6.5	69	4.00	0.50
006-360	6.0	7.8	100	4.80	0.60
009-360	9.0	11.7	225	7.20	0.90
012-360	12.0	15.6	400	9.60	1.20
018-360	18.0	23.4	900	14.40	1.80
024-360	24.0	31.2	1600	19.20	2.40
048-360	48.0	52.8	6400	38.40	4.80

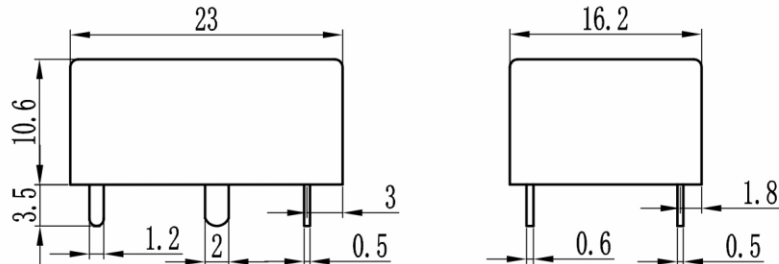
Technical Rating

Insulation Resistance	1000M Ω (500VDC)	Item 7 of IEC 60255-5	
Dielectric Strength	Between Open Contacts	1000VAC 50Hz 1min	Item 6 of IEC 60255-5
	Between Coil&Contact	2500VAC 50Hz 1min	Item 6 of IEC 60255-5
Operate Time	≤ 10 ms		
Release Time	≤ 5 ms		
Shock Resistance	Operation extremes 10G Damage limits 100G	IEC 68-2-27 Test Ea	
Vibration Resistance	10Hz ~ 55Hz double amplitude 1.5mm	IEC 68-2-6 Test Fc	
Leading-out Terminal	PCB terminals	IEC 68-2-21 Test Ua1	
Ambient Temperature	-40 $^{\circ}$ C ~ 85 $^{\circ}$ C, -40 $^{\circ}$ C ~ 105 $^{\circ}$ C		
Relative Humidity	85% RH	IEC 68-2-3 Test Ca	
Weight	8.0g		
Construction	Flux tight type, sealed type		

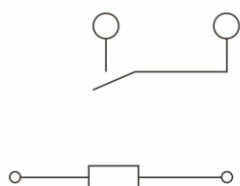
Outline Dimensions, Wiring Diagram And PCB Layout

Unit:mm

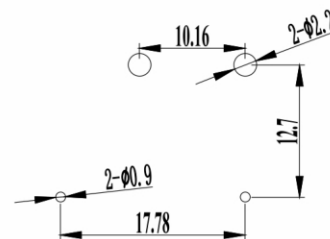
Outline Dimensions



Wiring Diagram(Bottom View)



PCB Layout (Bottom View)



- Remarks:** (1) In case of no tolerance shown in outline dimension: outline dimension ≤ 1 mm,tolerance should be ± 0.2 mm;
outline dimension > 1 mm and ≤ 5 mm,tolerance should be ± 0.3 mm;outline dimension > 5 mm,tolerance should be ± 0.4 mm.
(2) The tolerance without indicating for PCB layout is always ± 0.1 mm.

Note:Specification and dimensions in this catalogue are for reference only and subject to change without notice.