NB23

Product Features

- Low coil power consumption 0.15W
- High sensitivity
- Small size, light weight,PC board mounting directly
- Suitable for telecommunication,and automatic remote control systems etc.
- Outline dimensions:12.5*7.5*10.0mm

Ordering Information

NB23 –12VDC –C

Model No.

Nominal Coil Voltage: 5,6,9,12,24V(DC)

Contact Form: A: Normally Open B: Normally Closed
C: Normally Open&Close

Contact Rating

Contact Form		1A,1B,1C	
Contact Material		Ag(Gold clad),AgNi(Gold clad)	
Contact Rating(Resistive)		1A/30VDC,0.3A/60VDC,0.5A/125VAC	
Switching Power Max.		30W/62.5VA	
Switching Voltage Max.		60VDC/125VAC	
Switching Current Max.		1A	
Contact Resistance		≤100mΩ	Item 3.12 of IEC255-7
Endurance	Electrical	10^5	Item 3.30 of IEC255-7
	Mechanical	10^7	Item 3.31 of IEC255-7

Technical Rating

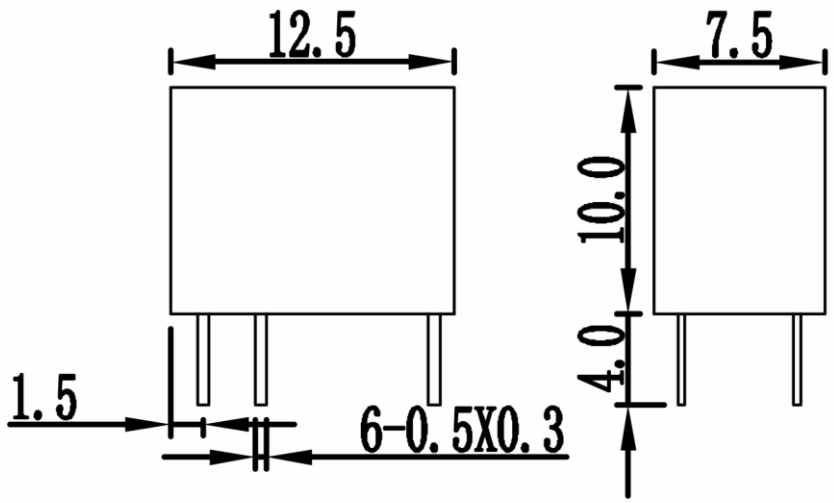
Insulation Resistance		100MΩ(500VDC)Min.	Item 7 of IEC 255-5
Dielectric Strength	Between Open Contacts	50Hz 400VAC	Item 6 of IEC 255-5
	Between Coil&Contact	50Hz 1000VAC	Item 8 of IEC 255-5
Shock Resistance		100m/s^2 11ms	IEC 68-2-27 Test Ea
Vibration Resistance		10Hz ~ 55Hz double amplitude 3.3mm	IEC 68-2-28 Test Fc
Leading-out Terminal Strength		5N	IEC 68-2-29 Test Ua1
Ambient Temperature		-30℃ ~ 70℃	
Relative Humidity		35% ~ 85%(at 40℃)	IEC 68-2-32 Test Ca
Weight		2.2g	

Coil Rating

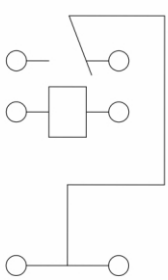
No.	Coil Voltage (VDC)		Pick up (VDC) Max.	Drop out (VDC) Min.	Coil Resistance R(1 ± 10%)Ω	Coil Power (W)	Operate Time (ms)	Release Time (ms)
	Nominal	Max.						
005-150	5	10	4.0	0.5	166	0.15	≤5	≤3
006-150	6	12	4.8	0.6	240			
009-150	9	18	7.2	0.9	540			
012-150	12	24	9.6	1.2	960			
024-150	24	48	19.2	2.4	3840			

Outline Dimensions,Wiring Diagram And PCB Layout Unit:mm

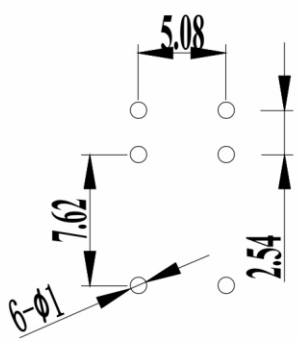
Outline Dimensions



Wiring Diagram(Bottom View)



PCB Layout (Bottom View)



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

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