Handouk

BC3

►FEATURES

- DIL Pitch Terminals .High Sensitivity.
- Dielectric 1000VAC.
- Fully sealed (immer1sion clearable).
- High Reliability bifurcated Contact.
- Application for
  Telecommunication Equipment.
  Office Equipment, Security Alarm Systems.
  Measuring instruments.
  Medical Monitoring Equipment. etc.

►CONTACT DATA

Contact Arrangement		2C（Bifurcated Crossbar）	
Contact Material		Ag + Au	AgNi + Au
Contact Rating (resistive)		1A/24VDC; 0.5A/120VAC	1A 120VAC, 2A 24VDC
Min. Switching load		0.01mA/10mV（Reference Value）	
Max. Switching Current		2A	
Max. Switching Power		60W 120VA	
Max. Switching Voltage		60VDC 240VAC	
Contact Resistance or Voltage drop		≤100mΩ	
Operation life	Electrical	1×10^5 at 30 Operations per minute	
	Mechanical	10^7	

CAUTION: Relays previously tested or used above 10mA resistive at 6VDC maximum or peak AC open circuit are not recommended for subsequent use in law level applications.

►COIL PARAMETER

Coil voltage (VDC)	Coil resistance (Ω ±10%)				Pickup voltage(max) (VDC)	release voltage(min) (VDC)	Applicable Voltage(Max) (VDC)
	0.15W	0.2W	0.36W	0.45W			
3	60	45	25	20	2.25	0.3	3.9
5	167	125	70	56	3.75	0.5	6.5
6	240	180	100	80	4.5	0.6	7.8
9	540	405	220	180	6.75	0.9	11.7
12	960	720	400	320	9	1.2	15.6
24		2800	1600	1280	18	2.4	31.2
48			6400±15%	5100±15%	36	4.8	62.4

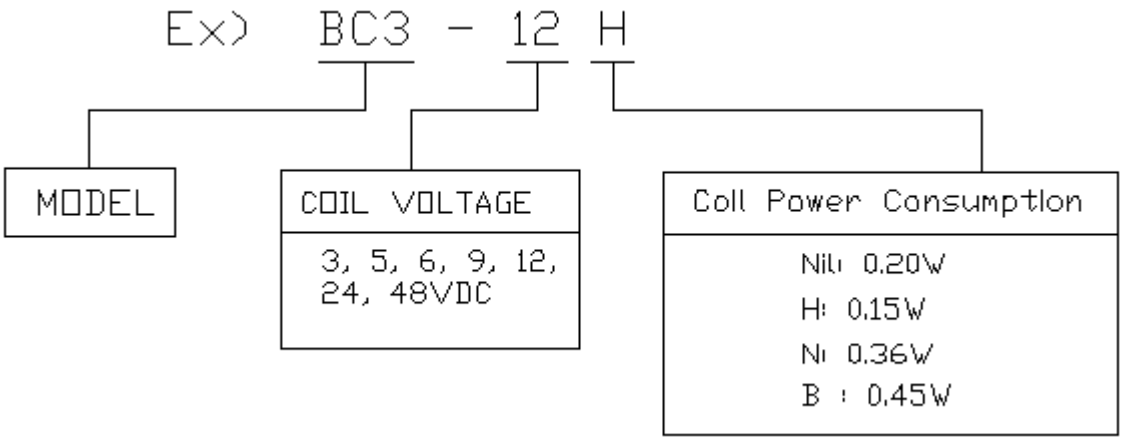
CAUTION: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.

2.Pickup and release voltage are for test purposes only and are not to be used as design criteria.

►OPERATION CONDITION

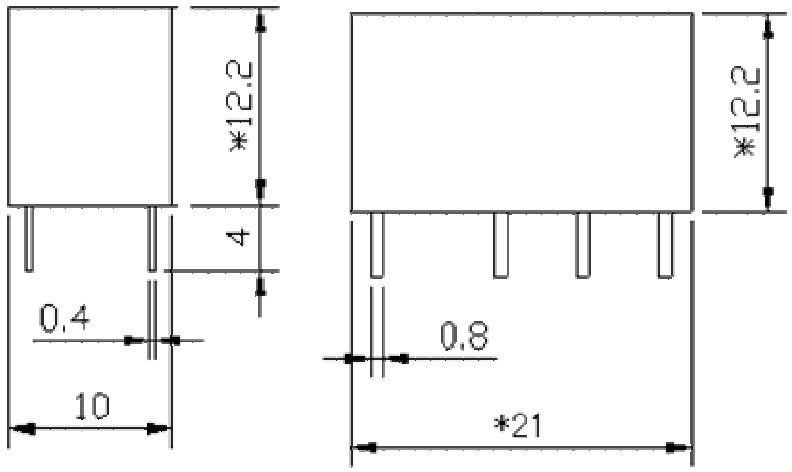
Insulation Resistance		100MΩ Min at 500VDC
Dielectric Strength	Open Contacts	500 / 750 VAC (For one minute / second)
	Contact and Coil	1000 / 1250 VAC (For one minute / second)
Operate Time		6ms
Release Time		4ms
Temperature Range		-30℃ to + 70 ℃
Shock Resistance	Operating Extremes	10G
	Damage Limits	50G
Vibration resistance		10~55Hz Double amplitude 1.5mm
Humidity		40 – 85%
Weight		5g

►ORDERING INFORMATION

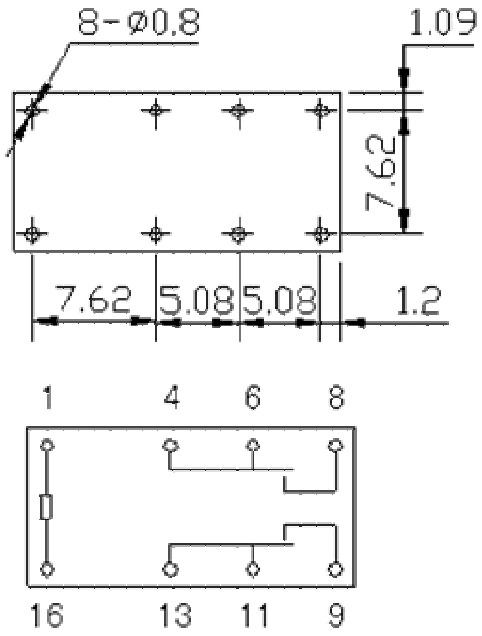


►DIMENSIONS (UNIT: MM)

Dimensions



Wiring diagram (Bottom view)



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