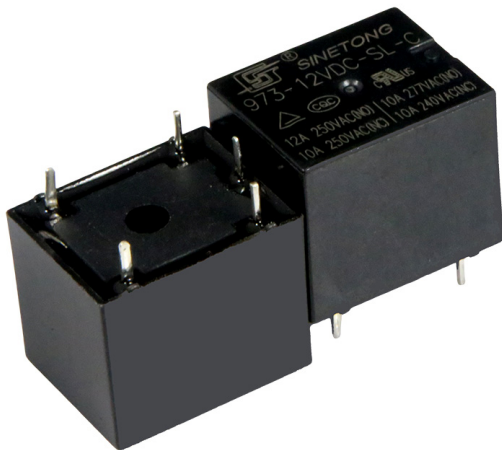




(19.5*15.5*15.0)MM

973

QUICK DETAILS

Brand Name: Sinetong

Model Number: 973

Relay Size: Miniature

Contact Load: High Power

Theory: Electromagnetic

PRODUCT ADVANTAGE

1. Low power consumption
2. Subminiature, standard PCB layout
3. Wash tight and flux proofed types available
4. Environmental friendly product (RoHS compliant)
5. Household Appliances, Car automation system, Electronic equipment, Communication devices , etc

ORDER INFORMATION

973—12VDC—SL—C

1 2 3 4

1. Model: 973

2 .Coil Voltage(V): 3,5,6,9,12,18,24,36,48

3 .Construction: SL: Sealed No: Dust-proof

4 .Contact Form: A:1A; B:1B; C:1C

CONTACT DATA

Contact Form	1A(1H) (SPSTNO) ,1B(1D) , 1C(1Z) (SPDT(B-M))	
Contact Material	AgCdO AgSnO ₂	
Contact Load	12A 250VAC, 10A 250VAC, 15A 125VAC,10A 277VAC	
Max. Switching Power	336W 2500VA	
Max. Switching Voltage	110VDC 380VAC	
Max. Switching Current	15A	
Contact resistance	≤100mΩ	
Life	Electrical	5*10 ⁴
	Mechanical	10 ⁷

COIL DATA

NO.	Coil Voltage VDC		Coil Resistance Ω±10%	Pick-up Voltage VDC (Max)	Drop-out voltage VDC (Min)	Coil Power W
	Rated	Max				
1	3	3.9	25	2.25	0.3	0.36
2	5	6.5	69	3.75	0.5	
3	6	7.8	100	4.50	0.6	
4	9	11.7	225	6.75	0.9	
5	12	15.6	400	9.0	1.2	
6	24	31.2	1600	18.0	2.4	
7	36	46.8	3600	27.0	3.6	
8	48	62.4	6400	36.0	4.8	

NO.	Coil Voltage VDC		Coil Resistance Ω±10%	Pick-up Voltage VDC (Max)	Drop-out voltage VDC (Min)	Coil Power W
	Rated	Max				
1	3	3.9	20	2.25	0.3	0.45
2	5	6.5	56	3.75	0.5	
3	6	7.8	80	4.50	0.6	
4	9	11.7	180	6.75	0.9	
5	12	15.6	320	9.0	1.2	
6	24	31.2	1280	18.0	2.4	
7	36	46.8	2880	27.0	3.6	
8	48	62.4	5120	36.0	4.8	

NO.	Coil Voltage VDC		Coil Resistance $\Omega \pm 10\%$	Pick-up Voltage VDC (Max)	Drop-out voltage VDC (Min)	Coil Power W
	Rated	Max				
1	6	7.8	45	3.4	0.9	0.8
2	9	11.7	100	5.2	1.35	
3	12	15.6	180	6.90	1.8	
4	24	31.2	720	13.8	3.6	

CAUTION: 1). If the working coil voltage is less than rated, it will compromise the operation of the relay.

2). Operating and release voltages are for testing purpose only, not to be used as design criteria

GENERAL DATA

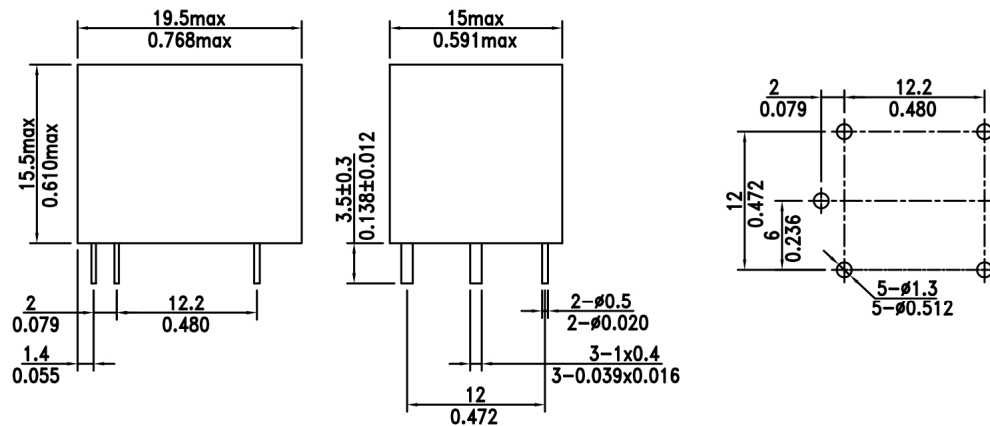
Contact resistance	50m Ω Max.
Insulation resistance	100M Ω Min.(DC500V)
Dielectric strength	Between open contact : AC 750V , 50/60Hz 1 min.
	Between contact and coil : AC 1500V , 50/60Hz 1 min.
Vibration resistance	10Hz~55Hz , amplitude 1.5 mm
Shock resistance	100m/s ² 11ms
Operating ambient temperature	-40~+85 $^{\circ}$ C ; -40~+105 $^{\circ}$ C
Weight	Approx. 9g

Notes: 1. More details can be provide on request.

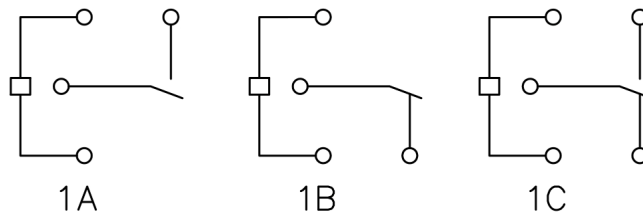
SECURITY CERTIFICATION

Security Certification	CQC	UL	TUV
Load	10A/ 250VAC	5A/240VAC 10A/240VAC 10A/24VDC 15A/24VDC 10A\277VAC 15A\125VAC	1A/24VDC 7A/240VAC 10A/125VAC 12A\250VAC

Outline Dimension (Unit: mm)



Installation size diagram
(bottom view)



Wiring diagram(bottom view)

Reference Data

