NT73 -4T

19.5×15.6×15.3

c UL us E169380

Features

- Small size, light weight and heavy switching power.
- Ambient temperature can achieve 105℃.
- Low coil power consumption.
- PC board mounting is available.
- The parts with IEC 60335-1 compliance is available.
- Suitable for automatic system, communication device , home appliance application, electromechanical equipment and so on.

Ordering Information

NT73-4T - C - S 12 DC12V 0.36

1 2 3 4 5 6

1 Part number: NT73-4T	4 Contact rating: 10:10A; 12:12A
2 Contact arrangement: A:1A; C:1C	5 Coil rated voltage(V): DC:5,6,9,12,24
3 Enclosure: S: Wash tight; NIL: Flux proof	6 Coil power: 0.36:0.36W

Contact Data

Contact Arrangement	1A(SPSTNO) 1C(SPDT(B-M))	
Contact Material	$AgSnO_2$	
Contact Rating[1)]	10A/250VAC,277VAC; 12A/250VAC,277VAC; 15A/125VAC	
Max. Switching Power	3000VA	
Max. Switching Voltage	277VAC	Max. Switching Current:15A
Contact Resistance	≤100mΩ	Item 4.12 of IEC 61810-7
Electrical Endurance	1×10^5 10A/250VAC,277VAC 105℃ 6×10^4 12A/250VAC,277VAC 105℃ 2×10^4 15A/125VAC 105℃	Item 4.30 of IEC 61810-7
Mechanical Endurance	1×10^7	Item 4.31 of IEC 61810-7

Notes: 1)The vent hole should be opened when testing enclosed relay.

Coil Parameter

Coil voltage VDC		Coil resistance Ω ± 10%	Pick-up voltage VDC(max) (75%of rated voltage)	Drop-out voltage VDC(min) (10% of rated voltage)	Coil power W	Operate time ms	Release time ms
Rated	Max.						
5	6.5	70	3.75	0.5	0.36	≤10	≤5
6	7.8	100	4.50	0.6			
9	11.7	225	6.75	0.9			
12	15.6	400	9.00	1.2			
24	31.2	1600	18.0	2.4			

Notes: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
2.Pick-up and drop-out voltage are for test purposes only and are not to be used as design criteria.

Characteristics

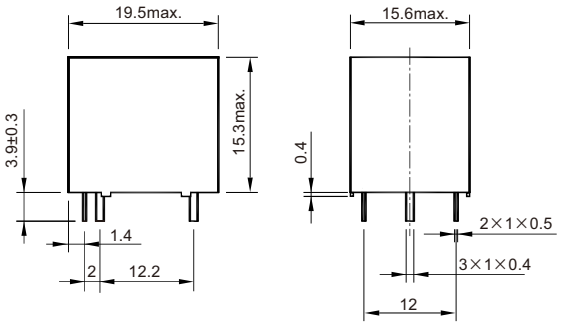
Insulation Resistance	250MΩ min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength Between Open Contacts Between Contact and Coil	 750VAC 1min 1500VAC 1min	Item 4.9 of IEC 61810-7
Shock Resistance	98m/s^2 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	10Hz~55Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals Strength	5N	Item 4.24 of IEC 61810-7
Ambient Temperature	-55℃~105℃	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Weight(Approx.)	9.5g	Item 4.7 of IEC 61810-7

Safety Approvals

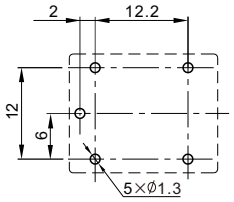
Safety approval	UL&CUR
Load	NO: 10A/250VAC,277VAC 105℃ NO: 12A/250VAC,277VAC 105℃ NO: 15A/125VAC 105℃

Dimensions

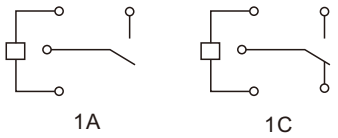
mm



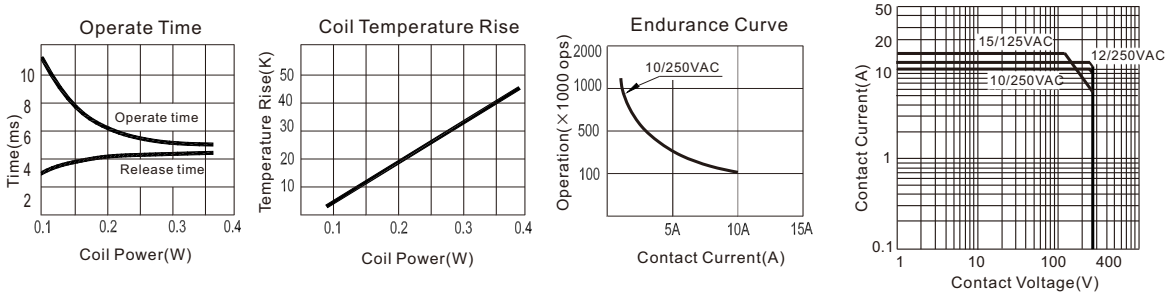
Dimensions



Mounting (Bottom view)



Wiring diagram(Bottom view)

Remark: 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.

Reference Data