




19.5 × 15.6 × 15.3

NT73 -2

 40038727

 us E169380

 R50142718

Features

- Small size, light weight, heavy reverse power.
- Low coil power consumption.
- PC board mounting.
- Suitable for automation control, telecommunication equipment, household electrical appliances and machinery electrical facilities.

Ordering Information

NT73-2 C S 10 DC12V 0.36

1 2 3 4 5 6

1 Part number: NT73-2	4 Contact rating: 5A,6A,10A,12A/125VAC,28VDC; 20A/125VAC,16VDC; 6A/250VAC,277VAC; 10A,12A/250VAC; 15A/125VAC
2 Contact arrangement: A: 1A; B: 1B; C: 1C	6A/250VAC,10A/250VAC(VDE)
3 Enclosure: S: Wash tight NIL: Flux proof	5 Coil rated voltage(V): DC: 3,5,6,9,12,24,48 6 Coil power: 0.36: 0.36W; 0.45: 0.45W; 0.8: 0.8W

Contact Data

Contact Arrangement	1A(SPSTNO) 1B(SPSTNC) 1C(SPDT(B-M))	
Contact Material	AgSnO ₂	
Contact Rating (Resistive)	5A,6A,10A,12A/125VAC,28VDC;20A/125VAC,16VDC; 6A/250VAC,277VAC;10A,12A/250VAC; 15A/125VAC (15A:0.45W; 20A:0.8W)	
	Motor Load: 1/3HP 125VAC; 1/3HP 277VAC	
Max. Switching Power	336W 3000VA	
Max. Switching Voltage	30VDC 277VAC	Max. Switching Current:20A
Contact Resistance	≤100mΩ	Item 4.12 of IEC 61810-7
Operational Life	Electrical	1 × 10 ⁵ Item 4.30 of IEC 61810-7
	Mechanical	1 × 10 ⁷ Item 4.31 of IEC 61810-7

CAUTION: 1.For the intermediate current, it only applies to the room temperature.

Coil Parameter

Dash numbers	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.						
003-360	3	3.9	25	2.25	0.3	0.36	≤10	≤5
005-360	5	6.5	70	3.75	0.5			
006-360	6	7.8	100	4.50	0.6			
009-360	9	11.7	225	6.75	0.9			
012-360	12	15.6	400	9.00	1.2			
024-360	24	31.2	1600	18.0	2.4			
048-360	48	62.4	6400	36.0	4.8			
003-450	3	3.9	20	2.25	0.3			
005-450	5	6.5	55.6	3.75	0.5			
006-450	6	7.8	80	4.50	0.6			
009-450	9	11.7	180	6.75	0.9			
012-450	12	15.6	320	9.00	1.2			
024-450	24	31.2	1280	18.0	2.4			
048-450	48	62.4	5120	36.0	4.8			
003-800	3	3.9	11	2.25	0.3	0.80	≤10	≤5
005-800	5	6.5	31	3.75	0.5			
006-800	6	7.8	45	4.50	0.6			
009-800	9	11.7	101	6.75	0.9			
012-800	12	15.6	180	9.00	1.2			
024-800	24	31.2	720	18.0	2.4			
048-800	48	62.4	2880	36.0	4.8			

Characteristics

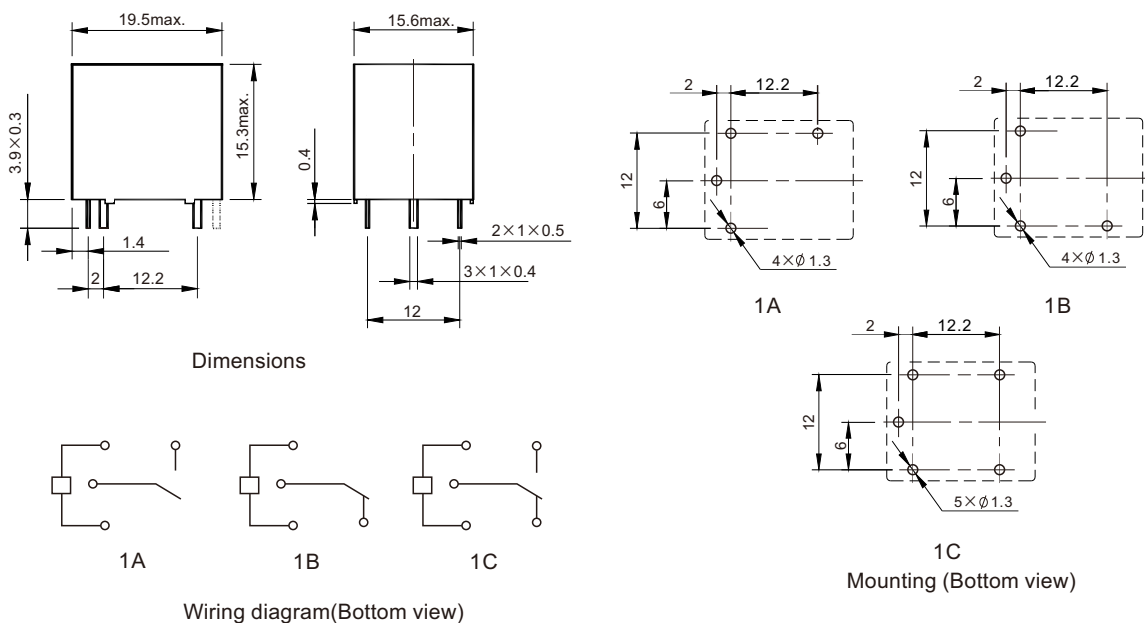
Insulation Resistance	250M Ω min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength Between Contacts Between Contact and Coil	50Hz 750V 50Hz 1500V	Item 4.9 of IEC 61810-7 Item 4.9 of IEC 61810-7
Shock Resistance	98m/s ² 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	10Hz~55Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals Strength	5N	Item 4.24 of IEC 61810-7
Ambient Temperature	-55 $^{\circ}$ C~85 $^{\circ}$ C	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Mass	9.5g	Item 4.7 of IEC 61810-7

Safety Approvals

Safety approval	UL	TUV	VDE
Load	20A/125VAC,16VDC 6A/277VAC 5A,10A,12A,15A/125VAC,28VDC 5A,10A/250VAC 1/2HP 125VAC/277VAC	6A/250VAC 28VDC	12A/250VAC 85 $^{\circ}$ C NO 10A/250VAC 85 $^{\circ}$ C NO 6A/250VAC 105 $^{\circ}$ C NO 6A/250VAC 85 $^{\circ}$ C NO

Dimensions

mm



CAUTION: In case of no tolerance shown in outline dimension: outline dimension \leq 1mm, tolerance should be \pm 0.2mm ;
outline dimension > 1mm and \leq 5mm, tolerance should be \pm 0.3mm; outline dimension > 5mm, tolerance should be \pm 0.4mm.

Reference Data

