

FORWARD RELAYS



19.5 × 15.6 × 15.3

NT73-2

US E158859 R50142718
 13002099051 40038727

Features

- Low coil power consumption.
- High sensitivity.
- Small size, light weight.
- PC board mounting.
- Suitable for automation facilities, telecommunication equipment, household electrical appliance, wireless radio remote control, sound control toys application etc.

NT73-2 **C** **S** **10** **DC12V** **0.36**

1 2 3 4 5 6

1 Part number: NT73-2
2 Contact arrangement C:1C
3 Enclosure: S: Sealed type

4 Contact current 10:10A
5 Coil rated voltage (V) DC:3,5,6,9,12,24,48
6 0.36:0.36W

Contact Data

Contact Arrangement	1C(SPDT(B-M))		
Contact Material	AgSnO ₂		
Contact Rating (resistive)	10A/125VAC (15A:0.45W;20A:0.8W)		
Max. Switching Power	336W 3000VA		
Max. Switching Voltage	30VDC 277VAC	Max. Switching Current: 20A	
Contact Resistance or Voltage drop	≤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%	Pickup voltage VDC(max) (75% of rated voltage)	Release voltage VDC(min) (10% of rated voltage)	Coil power consumption 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			

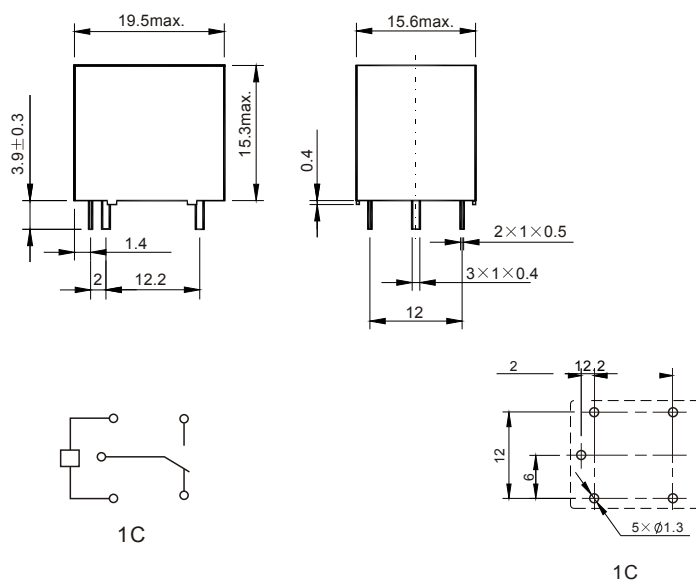
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NT73-2**Operation condition**

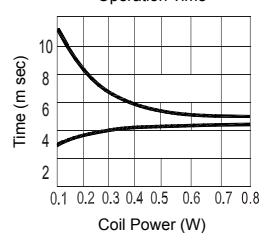
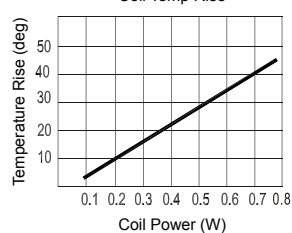
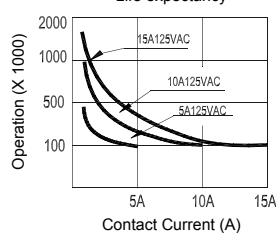
Insulation Resistance	250M Ω (500VDC)	IEC 61810-7
Dielectric Strength	50Hz 750V	IEC 61810-7
Between contacts	50Hz 1500V	IEC 61810-7
Shock Resistance	98m/s ² 11ms	IEC 61810-7
Vibration Resistance	10Hz~55Hz 1.5mm	IEC 61810-7
Terminal Strength	5N	IEC 61810-7
Ambient temperature	-55°C~85°C	
Relative Humidity	5%~85%	IEC 61810-7
Mass	9.5g	IEC 61810-7

Safety approvals

Safety approvals	UL&CUR	TÜV	CQC	VDE
Load	20A/125VAC,16VDC 6A/277VAC 5A, 10A, 12A, 15A/125VAC,28VDC 5A,10A/250VAC 1/3HP 125VAC/277VAC	6A/250VAC,28VDC	7A/250VAC	10A/250VAC 85°C NO 12A/250VAC 85°C NO 6A/250VAC 105°C NO 6A/250VAC 85°C NO

Dimensions: mm

Note: For product dimensions without specified tolerances, the tolerance is ± 0.2 mm when the dimension ≤ 1 mm; ± 0.3 mm when the dimension is between (1-5) mm; and ± 0.4 mm when the dimension > 5 mm.

Operation Time**Coil Temp Rise****Life expectancy****Contact switching capacity**