

DB ELECTRO ^{UN}

Présente / Presents:

NINGBO HUAGUAN ELECTRONICS CO.,LTD.






19.5×16.0×17.1



NT73-3

CQC 04001010058 c  us E160644

VDE 40014769

Patent No. :200430071728.0 200430071727.6

Features

- Superminiature, High power.
- Low coil power consumption.
- PC board mounting.
- Suitable for household appliances, automation system, electronic equipment, instrument and meter, communication facilities and remote control facilities.

Ordering Information

NT73-3 **C** **S** **20** **DC12V** **0.36** **F**

1 2 3 4 5 6 7

1 Part number: NT73-3	4 Contact current: 5:5A; 7:7A; 10:10A; 12:12A; 20:20A
2 Contact arrangement: A:1A; B:1B; C:1C	5 Coil rated voltage(V): DC:3,5,6,9,12,18,24,36,48
3 Enclosure: S: Sealed type; D: Dust cover	6 Coil power consumption: 0.36:0.36W; 0.45:0.45W; 0.6:0.6W; 0.8:0.8W
	7 Resistance heat Class: NIL:130℃; F:155℃

Contact Data

Contact Arrangement	1A (SPSTNO) 、 1B (SPSTNC) 、 1C (SPDT(B-M))	
Contact Material	AgCdO AgSnO ₂ AgSnO ₂ InO ₃	
Contact Rating (resistive)	5A,10A/250VAC 7A,16A/277VAC 12A,20A/125VAC TV-8 Motor load: NO:1HP 250VAC NC:1/2HP 250VAC	
Max. Switching Power	3840VA	
Max. Switching Voltage	250VAC	Max. Switching Current:20A
Contact Resistance or Voltage drop	≤100mΩ	Item 3.12 of IEC255-7
Operational life	Electrical	10 ⁵ , 5×10 ⁴ (1C) Item 3.30 of IEC255-7
	Mechanical	10 ⁷ Item 3.31 of IEC255-7

Coil Parameter

Dash numbers	Coil voltage VDC		Coil resistance Ω ±10%	Pickup voltage VDC(max) (75% of rated voltage)	release voltage VDC(min) (5% or 10% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
003-360	3	3.9	25	2.25	0.15	0.36	<15	<10
005-360	5	6.5	69	3.75	0.25			
006-360	6	7.8	100	4.50	0.30			
009-360	9	11.7	225	6.75	0.45			
012-360	12	15.6	400	9.00	0.6			
018-360	18	23.4	900	13.5	0.9			
024-360	24	31.2	1600	18.0	1.2			
036-360	36	46.8	3600	27.0	1.8			
048-360	48	62.4	6400	36.0	2.4			
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			
003-600	3	3.9	15	2.25	0.3	0.60	<15	<10
005-600	5	6.5	42	3.75	0.5			
006-600	6	7.8	60	4.50	0.6			
009-600	9	11.7	135	6.75	0.9			
012-600	12	15.6	240	9.00	1.2			
024-600	24	31.2	960	18.0	2.4			
048-600	48	62.4	3840	36.0	4.8			

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.