



19.2x15.4x15.2

T73



In progress

Product Features

- ◆ Miniature size, low coil power consumption
- ◆ High Dielectric Strength
- ◆ PC board mounting directly
- ◆ High switching capability: 15A
- ◆ Fit for occasions with high surge current, such on household appliances, automatic system, electronic equipments, meters, charging equipment, sound equipments, CCTV and communication etc.

Designation

T73 — **12VDC** — **SL** — **A**

1 2 3 4

1 Model No.: T73

2 Rated Coil Voltage: 5, 6, 9, 12, 24, 48VDC

3 Package Type: SL Sealed None: Dust-Proof

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

Contact Rating

Contact Form		1A(SPSTNO)、1B(SPSTNC)、1C(SPDT(B-M))	
Contact Material		AgCdO AgSnO ₂	
Dielectric Strength	Between Coil&Contact	1500VAC/1min	
	Between Contacts	750VAC/1min	
Contact Load Capacity		7A 250VAC, 10A 125VAC, 250VAC, 15A 125VAC, 250VAC Lamp Load:TV-5	
Switching Power Max.		360W 3750VA	
Switching Current Max.		15 A	
Switching Voltage Max.		110VDC 380VAC	
Contact Resistance Max.		≤100mΩ	IEC 61810-7 4.12
Life expectancy	Electrical	10 ⁵	IEC 61810-7 4.30
	Machanical	10 ⁷	IEC 61810-7 4.31

Life test condition: normal temperature, pure resistant load, 1 S on, 9 S off.

Coil Rating

No.	Coil Voltage(VDC)		Coil ResistanceΩ ±10%	Pick up (VDC) Max. (75% of Rated Voltage)	Drop out (VDC) Min.(10% of Rated Voltage)	Power (W)	Operate Time (ms)	Release Time (ms)
	Rated	Max.						
003-360	5	6.5	69	3.75	0.50	0.36	≤15	≤5
006-360	6	7.8	100	4.50	0.60			
009-360	9	11.7	225	6.75	0.90			
012-360	12	15.6	400	9.00	1.20			
024-360	24	31.2	1600	18.00	2.40			
048-360	48	62.4	6400	36.00	4.80			
006-450	6	7.8	80	4.50	0.60	0.45	≤15	≤5
009-450	9	11.7	180	6.75	0.90			
012-450	12	15.6	320	9.00	1.20			
024-450	24	31.2	1280	18.00	2.40			
048-450	48	62.4	5120	36.00	4.80			

Note:

1. Relays will be damaged if coil voltage lower than rated voltage.
2. The voltage of pick up and drop out is only for inspection, not for application.

Technical Rating

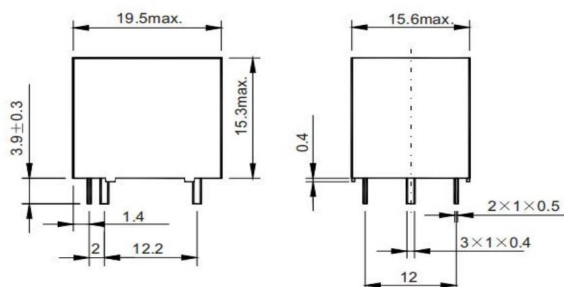
Insulation Resistance	Min.100M Ω (500VDC)	IEC 60255-5
Shock Resistance	10G 11ms	IEC 68-2-27 test Ea
Vibration Resistance	10Hz~55Hz double amplitude 1.5mm	IEC 68-2-6 test Fc
Leading-out Terminal Strength	5N	IEC 68-2-21 test Ua1
Weldability	235 $^{\circ}$ C \pm 3 $^{\circ}$ C 3s \pm 0.5s	IEC 68-2-20 test Ta Way1
Ambient Temperature	- 40 $^{\circ}$ C~85 $^{\circ}$ C	
Relative Humidity	85%(40 $^{\circ}$ C)	IEC 68-2-3 test Ca
Weight	About 9.0g	

Safety Certification

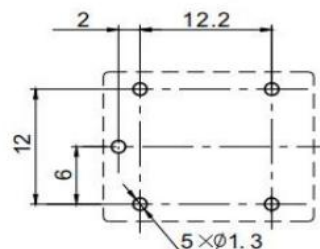
Approval	CQC	UL	TUV
Load	In Progress	In Progress	In Progress

Dimensions

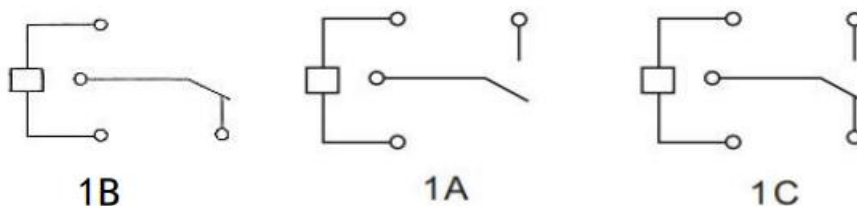
Outline Dimensions



Bottom View Layout



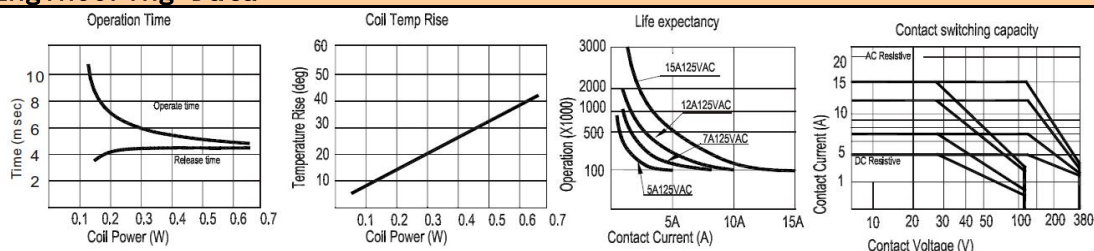
Wiring Diagram(Bottom View)



Note:1.Unit mm

2.Dimensions for reference only.

Engineering Data



Note:All specifications are for customers' reference only.Please contact us for any special requirements.