



## CRST73

(Dimensions): 19X15.2X15.5mm

### Features

- 1, Super miniature, High power.
- 2, Low coil power consumption.
- 3, PC board mounting.
- 4, Suitable for household appliances, automation system, electronic equipment, instrument and meter, communication facilities and remote control facilities.

### Ordering information

CRST 73-C-S-10-DC12V

1 2 3 4 5

- 1, Part number: CRST73 ;CRST73
- 2, Contact arrangement:A:1A;B:1B;C:1C
- 3, Enclosure: S:Sealed type;Z:Dust cover
- 4, Contact Current:10:10A;
- 5, Coil rated voltage(V):DC:3,5,9,12,24,48

### Contact data

Contact Arrangement	1A	1B;1C
Contact Material	AgCdO , AgSnO <sub>2</sub>	
Contact Rating(Resistive)	15A 125VAC/24VDC 12A 250VAC 10A 28VDC	15A 125VAC/24VDC 10A 250VAC/28VDC
Max. Switching Power	280W; 2500VA	
Max. Switching Voltage	28VDC 250VAC Max. Switching Current:15A	
Contact Resistance or Voltage Drop	≤100m Ω (1A 6VDC)	
Operation Life	Electrical	10 <sup>5</sup>
	Mechanical	10 <sup>7</sup>

### Coil Parameter

Coil voltage (VDC)		Coil Resistance Ω ±10%	Pick up 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						
3	3.90	25	2.25	0.3	0.36	≤10	≤5
5	6.50	69	3.75	0.5			
6	7.80	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			
36	46.8	3600	27.0	3.6			
48	62.4	6400	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,Pick up and release voltage are for test purposes only and are not be used as design criteria.

### Operation condition

Insulation Resistance	100M Ω (500VDC)
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Dielectric Strength	Between open Contacts	760VAC 1min
	Between Contacts and Coil	1500VAC 1min
Shock Resistance	Functional	98m/s <sup>2</sup>
	Destructive	980m/s <sup>2</sup>
Vibration Resistance		10~55Hz Double amplitude 1.5mm
Termination		PCB
Ambient Temperature		-40~70°C
Relative Humidity		5%~85% RH
Unit weight		Approx.10g

## Dimensions(mm)

外形图

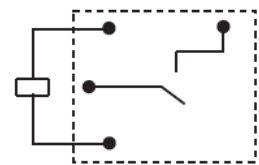
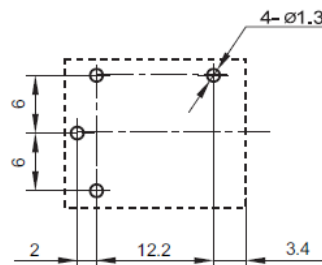
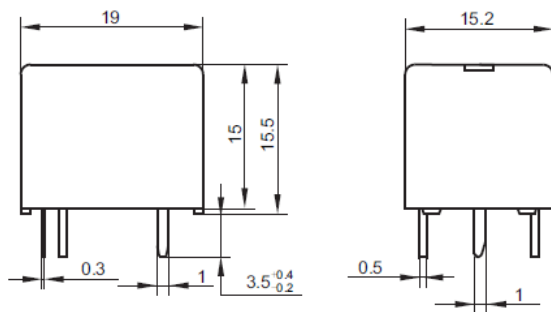
安装孔尺寸

接线图

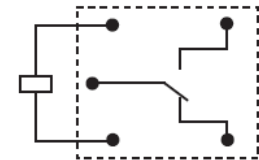
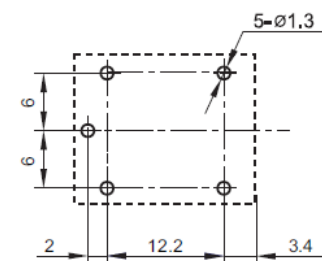
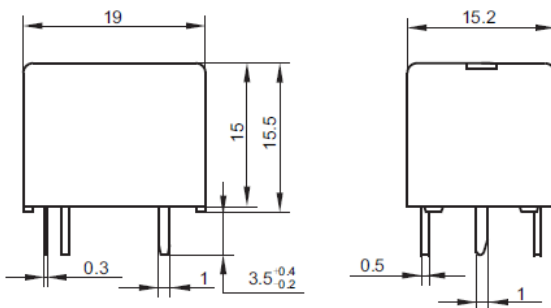
(底视图)

(底视图)

一组常开



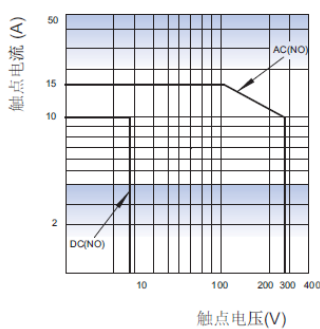
一组转换



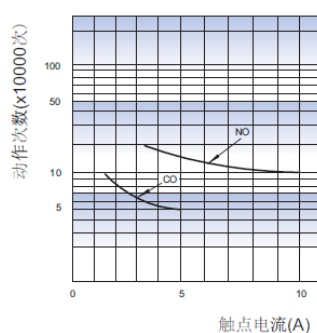
Dimension Tolerance: <1mm: ±0.2mm  
1—5mm: ±0.3mm  
>5mm: ±0.5mm

## Reference Data

最大切换功率



电耐久性曲线



线圈温升

