

CRSS

(Dimensions): 19.8X5.08X7.62mm

Features

- 1, Small size, light weight, Low coil power consumption.
- 2, Strong anti-shock and anti-vibration, high reliablility, long life.
- 3, PC board mounting.
- 4, High sensivity.

Ordering information

CRSS--1A--12---D---M

2 3 4 5

1, Part number: CRSS

2, Contact arrangement:A:1A;B:1B

3, Coil rated voltage(V):DC:3,5,12,24

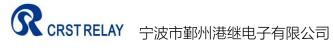
4, Coil transient suppression: D: with diode; NIL: Standard

Contact data				
Contact Arrangement		1A(1H)(SPST NO); 1B(SPST NC)		
Contact Material		Ru/Rh		
Conatct Rating(Resistive)		0.1A/125VAC;0.5A/24VDC		
Max.Switching Power		10W(DC)/10VA(AC)		
Max.Switching Voltage		110VDC Max.Switching Current:0.5A		
Contact Resistance or Voltage Drop		≤150m Ω		
Operation Life	Electrical	10 ⁷		
	Mechanical	108		

Coil Parameter (23°C)							
Coil vol	tage	Coil	Pick up Voltage	Release voltage	Coil power	Operate	Release
(VDC	C)	Resistance	VDC(Max)	VDC(Min)	consumption	Time	Time
Rated	Max	$\Omega \pm 10\%$	(75% of rated	(5% of rated	(W)	(mS)	(mS)
			voltage)	voltage)			
3	3.90	250	2.25	0.3	0.036		
5	6.50	500	3.75	0.5	0.050	<0 E	≤ 0. 2
12	15.6	1000	9.00	1.2	0.144	≤ 0. 5	≪0. ∠
24	31.2	2000	18.0	2.4	0.288		

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 min(at 500VDC)		
Dielectric Strength				
Between Contacts		50Hz 200VAC		
Between Contacts and Coil		50Hz 1400VAC		
Shock Resistance	Functional	20G		
	Destruction	100G		
Vibration Resistance		10~55Hz Double amplitude 1.5mm		
Terminals Strength		10N		
Solderability		235±2℃ 3±0.5s℃		
Ambient Temperature		-40~85℃		
Storage Temperature		-40~125℃		
Mass		1.6g		

Dimensions(mm/Inch)

