



CRST4137

(Dimensions):22.5X16.8X18.8mm

Features

- 1, Small size and low coil power consumption.
- 2, PCB mounting.
- 3, Switching capacity from 1A to 5A.
- 4, Sealed type available.
- 5, Applications: a, Audio equipment; b, Communication equipment; c, Remote control; Acoustic controlled toys.

Ordering information

CRST 4137--12VDC—SL—2C

1 2 3 4

- 1, Part number: CRST4137
- 2, Coil rated voltage(V):DC:6,12,24
- 3, Enclosure: S:Sealed type; F:Flux free type; Coil power consumption: L:0.45W; Nil:Special
- 4, Contact arrangement:2A:2A; 2C:2C

Contact data

Contact Capacity:Resistive Load	5A/110VAC,5A/28VDC	1A/110VAC,1A/28VDC
Inductive Load	2A/110VAC,2A/28VDC	0.3A/110VAC,0.3A/28VDC
Rated Carrying Current	5A	1A
Max.allowable Voltage	250VAC 50VDC	
Max.allowable Current	5A	1A
Max.allowable Power Force	550VA 140W	110VAC 28W
Referenced Min.Aaplicable Load	5VDC 110mA	
Contact Material	AgCdO,Ag Alloy	

Coil Parameter

Normal Coil Voltage	Coil Resistance (Ω) ±10%	Power Consumption(W)	Pull-In Voltage(VDC)	Drop-out Voltage(VDC)	Max-Allowable Voltage(VDC)
3	20	0.45W	75% Max	10% Min	110%
5	55				
6	80				
9	180				
12	320				
24	1200	0.48W			

注意:1,使用的线圈电压低于线圈额定电压时将会损害继电器的工作.

2,吸合,释放电压仅供检测用,不是设计的使用指标.

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.

CRST RELAYS

<http://www.crstrelay.com>

Performance(at intial value)	
Contact Resistance	100m Ω Max
Operation Time	15ms Max
Release Time	5ms Max
Dielectric Strength Between coil & Contact	1000VAC 50/60Hz(1 minute)
Between Contacts	750VAC 50/60Hz(1 minute)
Insulation Resistance	100M Min.(500VDC)
Max. ON/OFF Switching Mechanically	300 operation/min
Electrically	30 operation/min
Operation Ambient Temperature	-30°C to +60°C
Operating Humidity	45% to 85% RH
Vibration Endurance	10 to 55Hz Double Amplitude 1.5mm
Shock Endurance	100G Min
Error Operation	10G Min
Life Expectancy Mechanically	10 ⁷ ops Min.(no load)
Electrically	10 ⁵ ops Min.(at rated coil voltage)
Weight	Abt. 12grs

Dimensions(mm)

