



## CRST14F

尺寸(Dimensions): 29X12.6X20.6mm

## 特点 Features

- 1,体积小,可供高密度 PC 板式安装 Slim type and small occupying area can offer high density PCB technique.
- 2,使用的塑料材料耐高温和各种化学溶液.Employment of suitable plastic materials to be applied to high temperature and various chemical solution.
- 3,切换电流能力可达 10~16A.Relay cover switching capacity from 10A to 16A.
- 4,两组转换时切换能力达 5A.Switching capacity by 5A available with 2 transfer contact forms.

## 订货信息 Ordering information

CRST14F - S - 12 10 1C L

1 2 3 4 5 6

- 1,型号 Part number: CRST14F
- 2,封装形式:S:试水式;无:防尘式 Enclosure: S:Sealed type;Nil:Dust cover
- 3,线圈额定电压 Coil rated voltage(V):DC:3,5,9,12,24,48
- 4,触点电流 Contact Current: 05:5A;08:8A;10:10A;16:16A
- 5,触点形式 Contact arrangement:1A:1A;2A:2A;1C:1C;2C:2C
- 6,线圈功耗 Coil power consumption:L:0.54W;Nil:0.72W

## 触点数据 Contact data

触点形式 Contact Arrangement	1C; 2C;		
触点材料 Contact Material	AgCdO, AgSnO <sub>2</sub>		
触点负载(阻性) Contact Rating(Resistive)	1A,1B	1A,1B,1C	2A,2B,2C
	16A/250VAC;28VDC	10A/250VAC;28VDC	5A/250VAC;28VDC
最大切换功率 Max. Switching Power	480W 3840VA		
最大切换电压 Max. Switching Voltage	28VDC 250VAC 最大切换电流 Max. Switching Current:16A		
触点阻性或压降 Contact Resistance or Voltage Drop	≤100mΩ		
寿命 Operation Life	电气 Electrical	10 <sup>5</sup>	
	机械 Mechanical	10 <sup>7</sup>	

## 线圈参数 Coil Parameter

线圈电压 Coil voltage (VDC)		线圈电阻 Coil Resistance Ω ±10%	吸合电压 VDC(最大) Pick up Voltage VDC(Max) (额定电压的 75%) (75% of rated voltage)	释放电压 VDC Release voltage VDC(Min) (额定电压的 10%) (10% of rated voltage)	线圈功耗 Coil power consumption (W)	动作时 间 Operat e Time (mS)	释放时间 Release Time (mS)		
额定 Rated	最大 Max								
5	6.5	46	3.75	0.50	0.54	≤15	≤8		
6	7.8	67	4.50	0.60					
9	11.7	150	6.75	0.90					
12	15.6	267	9.00	1.20					
24	31.2	1067	18.0	2.40					
48	62.4	4267	36.0	4.80					
5	6.5	35	3.75	0.50	0.72				
12	15.6	200	9.0	1.2					
24	31.2	820	18.0	2.4					

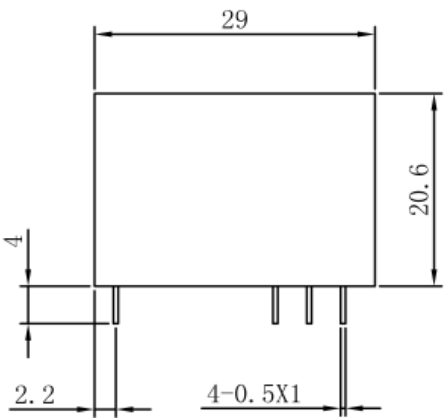
注意:1,使用的线圈电压低于线圈额定电压时将会损害继电器的工作。 2,吸合,释放电压仅供检测用,不是设计的使用指标。

Caution:1,The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.

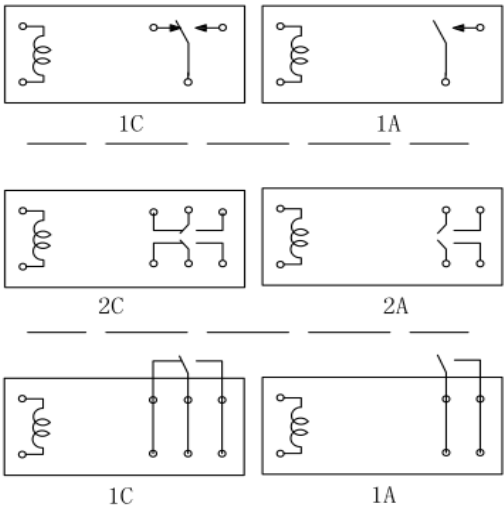
2,Pick up and release voltage are for test purposes only and are not be used as design criteria.

技术特性 Operation condition		
绝缘电阻 Insulation Resistance		100M Ω (at 500VDC)
介质耐压 Dielectric Strength	断开触点间 Between Contacts	1000VAC
	触点与线圈间 Between Contacts and Coil	5000VAC
耐冲击 Shock Resistance	动作极限 Functional	(10g)98m/s <sup>2</sup> (10g)
	破坏极限 Destructive	980m/s <sup>2</sup> (100g)
抗振性 Vibration Resistance		10~55Hz 双振幅 Double amplitude 1.5mm
安装方式 Termination		PCB
环境温度 Ambient Temperature		-30~70℃
相当湿度 Relative Humidity		85%RH(40℃)
质(重)量 Unit weight		Approx.13g

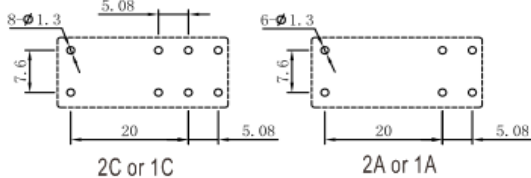
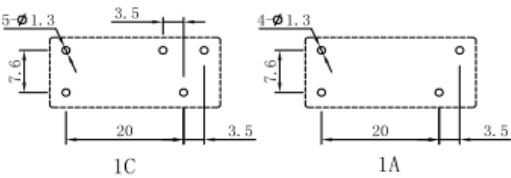
外形尺寸 Dimensions(mm/Inch)



外形尺寸图  
Dimensions



接线图  
Wiring diagram

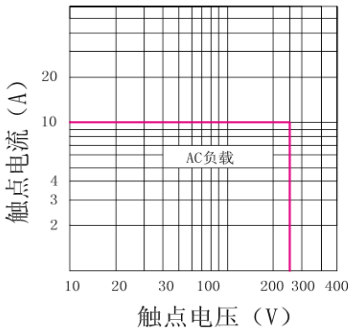


安装尺寸图  
Mounting

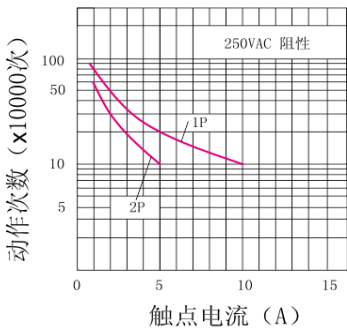
Dimension Tolerance: <1mm: ±0.2mm  
1—5mm: ±0.3mm  
>5mm: ±0.5mm

参考数据 Reference Data

最大切换功率



寿命曲线



线圈温升

