



## CRST32F

尺寸(Dimensions): 18.6X10.4X15.8mm

### 特点 Features

- 1,具有 10A 切换能力: 10A Switching capabilities.
- 2,触点形式 Contact arrangement: A: 1A; C: 1C
- 3,线圈功耗 Coil power consumption: L:0.2W; Nil:0.45W

### 订货信息 Ordering information

CRST32F - A - S- 10-12V - L

1 2 3 4 5 6

- 1,型号 Part number: CRST32F
- 2,触点形式 Contact arrangement: A:1A; C:1C;
- 3,封装形式:S:试水式;无:防尘式 Enclosure: S:Sealed type; Z:Dust cover
- 4,触点电流 Contact Current: 05:5A; 10:10A;
- 5,线圈额定电压 Coil Rated voltage(V):DC:3,5,9,12,24,36
- 6,线圈功耗 Coil power consumption:无 Nil 0.45W(标准 Standard);L:0.2W(高灵敏度 High sensitivity)

### 触点数据 Contact data

触点形式 Contact Arrangement	1A 1C	
触点材料 Contact Material	Ag Alloy	
触点负载(阻性) Conatct Rating(Resistive)	TUV、CQC	18A 125VAC 10A 250VAC
	UL	5A/10A/18A 125VAC 10A 250VAC TV-8 1/3HP
最大切换功率 Max. Switching Power	2500VA 300W	
最大切换电压 Max. Switching Voltage	277VAC/30VDC 最大切换电流 Max. Switching Current:10A	
触点阻性或压降 Contact Resistance or Voltage Drop	≤100mΩ (6VDC 1A)	
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 Operate Time(mS)	释放时间 Release Time(mS)
额定 Rated	最大 Max						
3	3.9	45	2.25	0.30	0.20	≤10	≤5
5	6.5	125	3.75	0.50			
6	7.8	180	4.50	0.60			
9	11.7	405	6.75	0.90			
12	15.6	720	9.00	1.20			
24	31.2	2880	18.0	2.40			
3	3.9	20	2.25	0.30	0.45	≤10	≤5
5	6.5	56	3.75	0.50			
6	7.8	80	4.50	0.60			
9	11.7	180	6.75	0.90			
12	15.6	320	9.00	1.20			
24	31.2	1280	18.0	2.40			

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

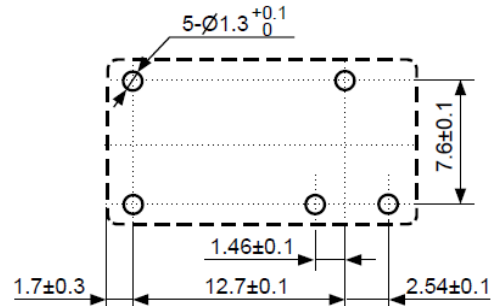
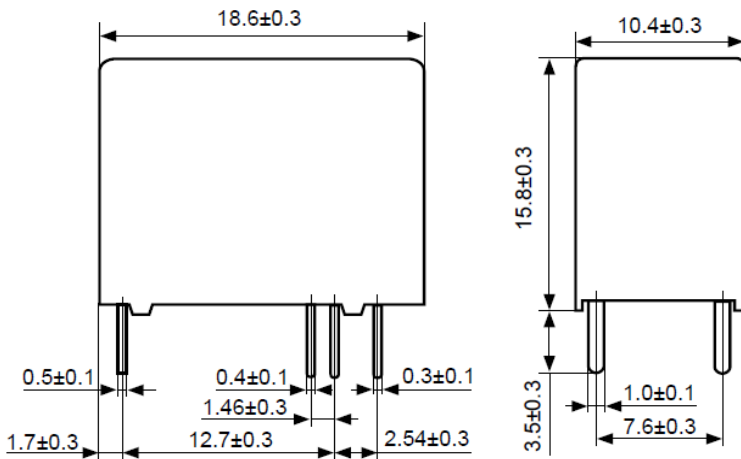
绝缘电阻 Insulation Resistance		1000M Ω (500VDC)
介质耐压 Dielectric Strength	断开触点间 Between Contacts	1000VAC,1min
	触点与线圈间 Between Contacts and Coil	A:3500VAC,1min C:2500VAC,1min
耐冲击 Shock Resistance	耐久 Damage limits	100G Min
	误动作 Destructive	10G Min
抗振性 Vibration Resistance		10~55Hz 双振幅 Double amplitude 1.5mm
安装方式 Termination		PCB
环境温度 Ambient Temperature		-40~85℃
相当湿度 Relative Humidity		35~95%RH,(at 40℃)
质(重)量 Unit weight		Approx.6g

## 外形尺寸 Dimensions(mm/Inch)

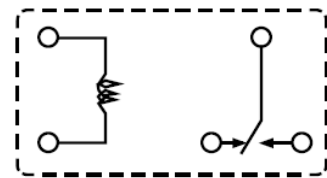
C型

安装孔尺寸  
(底视图)

外形图



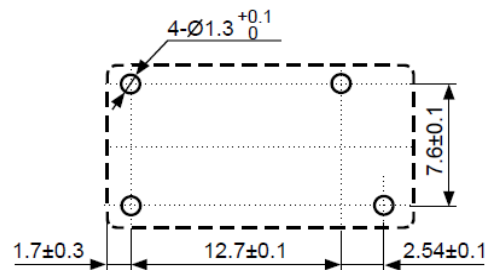
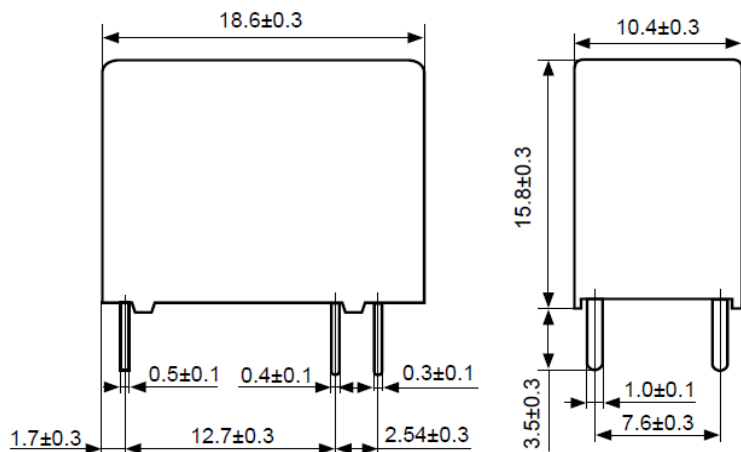
接线图  
(底视图)



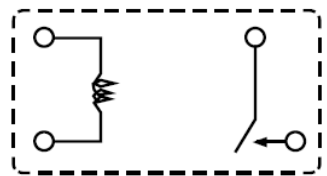
A型

安装孔尺寸  
(底视图)

外形图

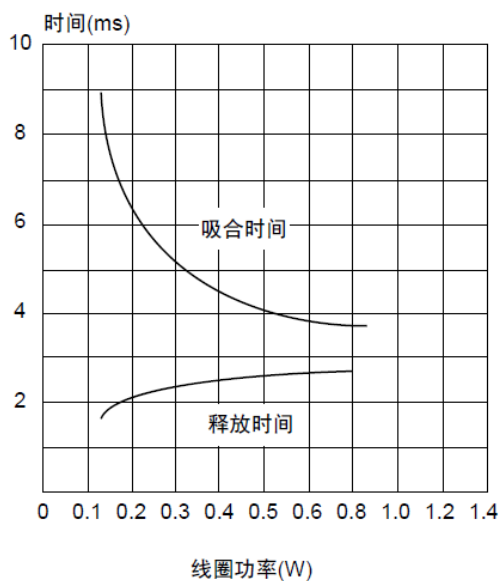


接线图  
(底视图)

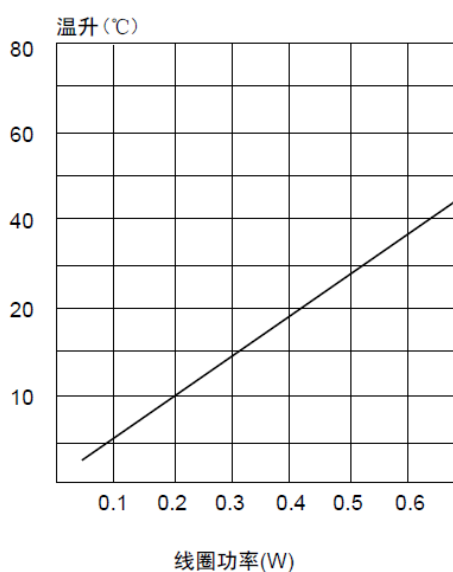


## 参考数据 Reference Data

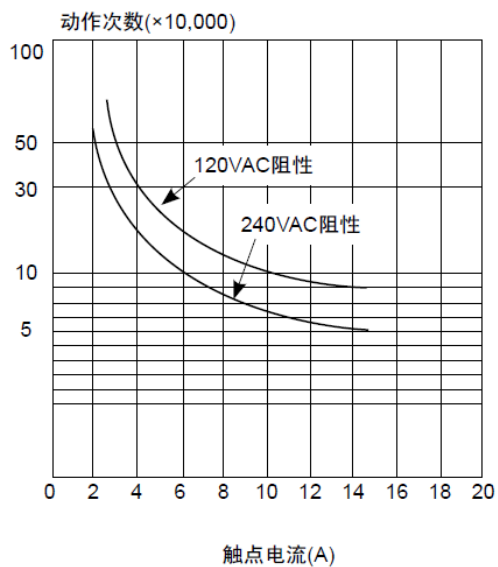
时间曲线



线圈温升



寿命曲线



最大切换功率

