



## CRST76

尺寸(Dimensions):23X16.2X10.2mm

### 特点 Features

- 1,超轻型继电器 Super light in weight.
- 2,高灵敏度 High sensitivity.
- 3,通断容量达 16A Switching capacity up to 16A.
- 4,可直接焊接在印刷线路板中 PC Board mounting.

### 订货信息 Ordering information

CRST 76-C-S-DC12V

1 2 3 4

- 1,型号 Part number: CRST76
- 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,线圈额定电压 Coil rated voltage(V):DC:3,5,9,12,24,48

### 触点数据 Contact data

触点形式 Contact Arrangement	1A(1H)(SPST NO);1C(1Z)(SPDT)	
触点材料 Contact Material	AgCdO, AgSnO <sub>2</sub> In <sub>2</sub> O <sub>3</sub>	
触点负载(阻性) Contact Rating(Resistive)	16A/250VAC/30VDC	
最大切换功率 Max.Switching Power	300W 2500VA	
最大切换电压 Max.Switching Voltage	110VDC 380VAC 最大切换电流 Max.Switching Current:16A	
触点阴性或压降 Contact Resistance or Voltage Drop	≤50m Ω	
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 5%) (5% 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						
5	6.5	125	3.75	0.25	0.2	≤10	≤5
6	7.8	180	4.50	0.30			
9	11.7	405	6.75	0.45			
12	25.6	720	9.00	0.60			
24	31.2	2880	18.0	1.20			
5	6.5	56	3.75	0.25	0.45	≤10	≤5
6	7.8	80	4.50	0.30			
9	11.7	180	6.75	0.45			
12	25.6	320	9.00	0.60			
24	31.2	1280	18.0	1.20			
48	52.8	5120	38.4	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	最少 100MΩ min(at 500VDC)
介质耐压 Dielectric Strength	
断开触点间 Between Contacts	50Hz750VAC
触点与线圈间 Between Contacts and Coil	50Hz 1500VAC
耐冲击 Shock Resistance	100M/S <sup>2</sup> 11ms
抗振性 Vibration Resistance	10~55Hz 双振幅 Double amplitude 1.5mm
引出端强度 Terminals Strength	10N
可焊性 Solderability	235±2℃ 3±0.5s℃
环境温度 Ambient Temperature	-40~85℃
相当湿度 Relative Humidity	85%(at 20℃)
质(重)量 Mass	10g

## 外形尺寸 Dimensions(mm/Inch)

Wiring Diagram  
(Bottom View)

(Top view)

(Bottom View)

PCB Layout  
(Bottom view)

**Dimensions**

注：1) 尺寸以毫米为单位。  
Dimensions are in millimeter.

2) 给出的等量英寸值仅供参考。  
Inch equivalents are given for general information only.

## 参考数据 ReferenceData

