



## CRST4292/4293

尺寸(Dimensions) CRST4292:27.3X23X30.2(+20.3)mm CRST4293:24.2X18.4X28.4(+19.4)

## 特点 Features

- 1.触点负载达 30A Heavy contact load 30A.
- 2.供汽车配套使用 Suitable for automobile and lamp accessories application.
- 3.引出端形式为插入式 Insert mounting available.

## 订货信息 Ordering information

CRST4292-S-DC12V--R---B

1 2 3 4 5

- 1.型号 Part number: CRST4292/4293
- 2.封装形式:S:试水式;无:防尘式 Enclosure: S:Sealed type; Z:Dust cover
- 3.线圈额定电压 Coil rated voltage(V):DC:12,24
- 4.线圈瞬态抑制:R:带电阻;无:标准式 Coil transient suppression: R:with Resistance; Nil: Standard
- 5.靠背,Bracket: B:带靠背 with bracket;Nil:标准式 Standard

## 触点数据 Contact data

触点形式 Contact Arrangement		1A(1H)(SPST NO);
触点材料 Contact Material		AgNi, AgSnO <sub>2</sub>
触点负载(阻性) Conatct Rating(Resistive)		30A/14VDC
最大切换功率 Max.Switching Power		420W
最大切换电压 Max.Switching Voltage		75VDC 最大切换电流 Max.Switching Current:30A
触点阻性或压降 Contact Resistance or Voltage Drop		≤30m Ω
寿命 Operation Life	电气 Electrical	10 <sup>5</sup>
	机械 Mechanical	5*10 <sup>6</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 70%) (70% 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						
12	15.6	100	8.4	1.2	1.44	≤7	≤5
24	31.2	400	16.8	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	最少 100M Ω min(at 500VDC)
介质耐压 Dielectric Strength	
断开触点间 Between Contacts	50Hz 500V
触点与线圈间 Between Contacts and Coil	50Hz 700V
耐冲击 Shock Resistance	147m/s <sup>2</sup> 11ms
抗振性 Vibration Resistance	10~60Hz 双振幅 Double amplitude 1.5mm
引出端强度 Terminals Strength	8N
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 40℃)
质(重)量 Mass	40g(CRST4292);26g(CRST4293)

外形尺寸 Dimensions(mm/Inch)

