



CRST4293(Dimensions) CRST4293:24.2X18.4X28.4(+19.4)mm

### Features

- 1,30A Heavy contact load 30A.
- 2,Suitable for automobile and lamp accessories application.
- 3,Insert mounting available.

### Ordering information

CRST4293-S-DC12V---B

1 2 3 4

- 1,Part number: CRST4293
- 2,Enclosure: S:Sealed type; Z:Dust cover
- 3, Coil rated voltage(V):DC:12,24
- 4,Bracket: B:with bracket;Nil: Standard

### Contact data

Contact Arrangement	1A(1H)(SPST NO);	
Contact Material	AgNi, AgSnO <sub>2</sub>	
Conatct Rating(Resistive)	30A/14VDC	
Max.Switching Power	420W	
Max.Switching Voltage	75VDC Max.Switching Current:30A	
Contact Resistance or Voltage Drop	≤30m Ω	
Operation Life	Electrical	10 <sup>5</sup>
	Mechanical	5*10 <sup>6</sup>

### Coil Parameter

Coil voltage (VDC)		Coil Resistance Ω ±10%	Pick up Voltage VDC(Max) (70% of rated voltage)	Release voltage VDC(Min) (10% of rated voltage)	Coil power consumption (W)	Operate Time (mS)	Release Time (mS)
Rated	Max						
12	15.6	100	8.4	1.2	1.44	≤7	≤5
24	31.2	400	16.8	2.4			

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

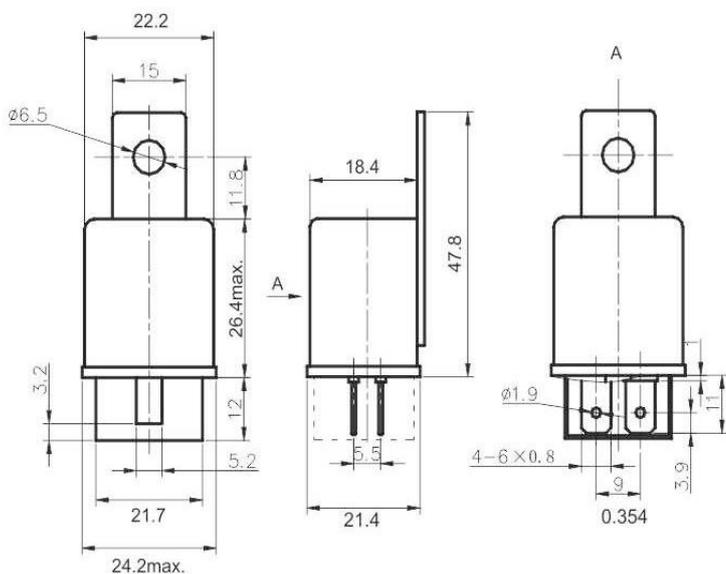
2,Pick up and release voltage are for test purposes only and are not be used as design criteria.

### Operation condition

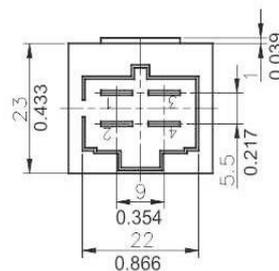
Insulation Resistance	100M Ω min(at 500VDC)
Dielectric Strength	
Between Contacts	50Hz 500V
Between Contacts and Coil	50Hz 700V
Shock Resistance	147m/s <sup>2</sup> 11ms
Vibration Resistance	10~60Hz Double amplitude 1.5mm
Terminals Strength	8N
Solderability	235±2°C 3±0.5s°C

Ambient Temperature	-40~85℃
Relative Humidity	85%(at 40℃)
Mass	26g

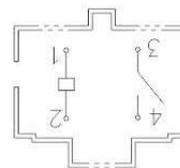
## Dimensions(mm)



CRST4293  
外形尺寸图  
Dimensions



安装尺寸图 (底视图)  
Mounting (Bottom view)



CRST4293  
接线图 (底视图)  
Wiring diagram (Bottom view)

- 注: 1) 尺寸以毫米为单位。  
NOTES Dimensions are in millimeters.  
2) 给出的等量英寸值仅供参考。  
Inch equivalents are given for general information only