



CRST78

(Dimensions): 15.7X12.3X14mm

Features

- 1, Small Size and light weight.
- 2, Low coil consumption
- 3, PC Board mounting.
- 4, Suitable for household electrical appliances, automation system, electronic equipment, instrument, meter, telecommunication facilities and remote control facilities.

Ordering information

CRST 78--C-S-DC12V--H

1 2 3 4 5

- 1, Part number: CRST78
- 2, Contact arrangement: A:1A; B:1B; C:1C; U:1U
- 3, Enclosure: S: Sealed type; Z: Dust cover
- 4, Coil rated voltage(V): DC: 6, 9, 12, 24
- 5, Coil power consumption: Nil: 0.6W; H: 0.8W

Contact data

Contact Arrangement	1A(1H)(SPST NO); 1B(SPST NC); 1C(1Z)(SPDT); 1U		
Contact Material	AgSnO ₂ , AgCdO		
Contact Rating(Resistive)	5A/250VAC	20A/14VDC	
	Motor load: 1/2HP 125VAC		
	Lamp load :TV-5		
Max.Switching Power	280W 1250AV		
Max.Switching Voltage	42VDC	380VAC	Max.Switching Current:20A
Contact Resistance or Voltage Drop	≤50mΩ		
Operation Life	Electrical	10 ⁵	
	Mechanical	10 ⁷	

Coil Parameter

Coil voltage (VDC)		Coil Resistance Ω ± 10%	Pick up Voltage VDC(Max) (75% of rated voltage)	Release voltage VDC(Min) (10% of rated voltage)	Coil power consumption (W)	Operate Time (mS)	Release Time (mS)
Rated	Max						
6	6.6	60	4.5	0.60	0.6	≤10	≤5
9	9.9	135	6.75	0.09			
12	13.2	240	9.0	1.20			
24	26.4	960	18.0	2.40			
48	52.8	3840	36.0	4.80			
6	6.6	45	4.5	0.60	0.8		
9	9.9	102	6.75	0.90			
12	13.2	180	9.0	1.20			
24	26.4	720	18.0	2.40			
48	52.8	2880	36.0	4.80			

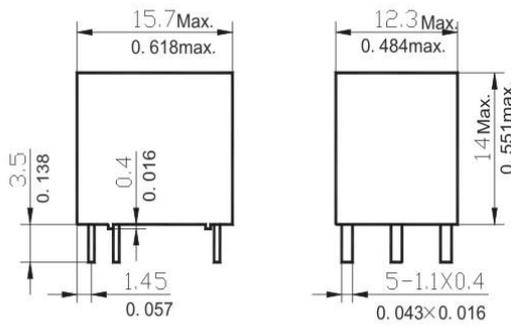
Caution: 1, The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.

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

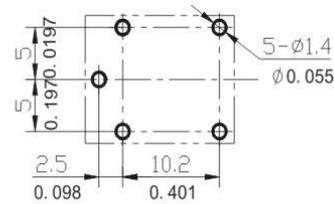
Operation condition

Insulation Resistance	100M Ω min (at 500VDC)
Dielectric Strength Between Contacts Between Contacts and Coil	50Hz 500V 50Hz 500V
Shock Resistance	98m/s ²
Vibration Resistance	10~55Hz Double amplitude 1.5mm
Terminals Strength	10N
Solderability	235 ± 2 °C 3 ± 0.5s °C
Ambient Temperature	-40~85 °C
Relative Humidity	85% (at 20 °C)
Mass	6g

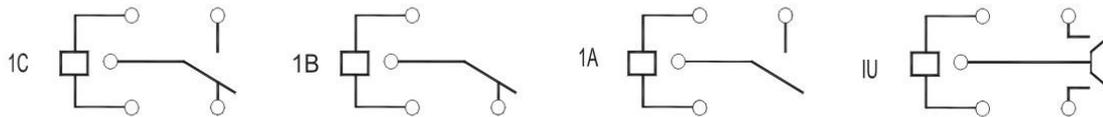
Dimensions(mm/Inch)



外形尺寸图
Dimensions



安装尺寸图 (底视图)
Mounting (Bottom view)



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

参考数据 Reference Data

