



CRST115F

尺寸(Dimensions):29X12.9X15.7mm

特点 Features

- 1,线圈功耗低 Low coil power consumption.
- 2,功耗低 Low coil consumption.
- 3,体积小,重量轻 Small size,Light weight .
- 4,可直接焊接在印刷细路板中 PC board mounting.
- 5,可用于自动装置,通讯设备,无线电遥控,声控玩具 Suitable for automation facilities,telecommunication equipment,household electrical appliance,wireless radio remote control,sound control toys application etc

订货信息 Ordering information

CRST115F- S - 12082C

1 2 3 4 5

- 1,型号 Part number: CRST115F
- 2,封装形式:S:试水式;无:防尘式 Enclosure: S:Sealed type;Nil:Dust cover
- 3,线圈额定电压 Coil rated voltage(V):DC:03,05,09,12,24,48
- 4,触点电流 Contact Current: 05:5A;08:8A;10:10A;16:16A
- 5,触点形式 Contact arrangement:1A:1A;2A:2A;1C:1C;2C:2C

触点数据 Contact data

触点形式 Contact Arrangement	1A(1H)(SPST NO);2A(DPST NO);1C(1Z)(SPDT);2C(2Z)(DPDT)			
触点材料 Contact Material	AgCdO , AgSnO ₂			
触点负载(阻性) Conatct Rating(Resistive)	触点形式 Contact Arrangement	1A,1C	1A,1C	2A,2C
	阻性 Resistive	16A/250VAC;30VDC 1A:20A/120VAC	12A/250VAC;30VDC	8A/250VAC;30VDC
	感性 Inductive	8A/250VA;30VDC	6A/250VAC;5A/30VDC	4A/250VAC,3A/30VDC
最大切换功率 Max. Switching Power	阻性 Resistive	4000VA 480W	3000VA 360W	2000VA 240W
	感性 Inductive	2000VA 240W	1500VA 150W	1000VA 90W
最大切换电流 Max. Switching Current:		16A	12A	8A
最大切换电压 Max. Switching Voltage		250VAC	30VDC	
触点阻性或压降 Contact Resistance or Voltage Drop		≤100m Ω		
寿命 Operation Life	电气 Electrical	10 ⁵		
	机械 Mechanical	10 ⁷		

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) Pull-In Voltage (VDC)	释放电压 VDC Drop-Out Voltage (VDC)	线圈功耗 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	62	75%	10%	0.4	≤10	≤5
12	15.6	360					
24	31.2	1440					
5	6.5	100			0.25		
12	15.6	576					
24	31.2	2304					

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 min(at 500VDC)

CRST RELAYS

<http://www.crstrelay.com>

介质耐压 Dielectric Strength	断开触点间 Between open Contacts	1000VAC 1min
	触点与线圈间 Between Contacts and Coil	5000VAC 1min
耐冲击 Shock Resistance	动作极限 Functional	98m/s ²
	破坏极限 Destructive	980m/s ²
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°C
相当湿度 Relative Humidity		5%~85% RH
质(重)量 Unit weight		Approx.13g

外形尺寸 Dimensions(mm/Inch)

	WIRING DIAGRAM (BOTTOM VIEW)		P.C.B LAYOUT (BOTTOM VIEW)	
CRST115F 12Amps				
8Amps				
16Amps				

Dimension Tolerance: < 1mm: ± 0.2mm
1—5mm: ± 0.3mm
> 5mm: ± 0.5mm