



CRST5119

尺寸(Dimensions):15.7X12.3X14mm

特点 Features

- 1, 大容量, 最高可切换 80A 电流。
- 2, 专为汽车起动设计的继电器。
- 3 工作温度为-40℃~125℃

订货信息 Ordering information

CRST5119--A--DC12V

1 2 3

- 1,型号 Part number: CRST5119
- 2,触点形式 Contact arrangement:A:1A;
- 3,线圈额定电压 Coil rated voltage(V):DC:12,24

触点数据 Contact data

| | |
|--|-------------------------------|
| 触点形式 Contact Arrangement | 1A(1H)(SPST NO); |
| 触点材料 Contact Material | AgSnO ₂ , AgCdO |
| 触点负载(阻性) Contact Rating(Resistive) | 80A/14VDC 50A/28VDC |
| 最大切换功率 Max.Switching Power | 1120W |
| 触点阻性或压降 Contact Resistance or Voltage Drop | ≤50mΩ |
| 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) 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 | 13.2 | 32 | 8.4 | 1.20 | 4.5 | 15mS | 10mS Max |
| 24 | 26.4 | 64 | 16.8 | 2.40 | 9 | Max | |

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

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|----------------------------------|-------------------------|
| 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 | 50Hz 500VAC |
| 触点与线圈间 Between Contacts and Coil | 50Hz 500VAC |

| | |
|--------------------------|------------------------------------|
| 耐冲击 Shock Resistance | 100m/s ² 11ms |
| 抗振性 Vibration Resistance | 10~55Hz 双振幅 Double amplitude 1.5mm |
| 可焊性 Solderability | 235±2℃ 3±0.5s℃ |
| 环境温度 Ambient Temperature | -40~125℃ |
| 质(重)量 Mass | 70g |

外形尺寸 Dimensions(mm)

外形尺寸、接线、安装孔位

