



DRPS-1C-SSR-DXX/AXX

### 特点

- TRIAC输出
- 光电隔离
- 负载电流：1A、2A
- PCB板或底座安装
- 负载电压：240VAC
- 介质耐压：2500Vrms
- 符合RoHS

### Features

- Transistor or MOSFET Output
- Optical Isolation
- Load Current : 1A, 2A
- Load Voltage: 240VAC
- PCB or Socket Mounted
- Dielectric Strength: 2500Vrms
- RoHS Compliant

## 常用继电器组合 Relay Combination Quickcheck

继电器 Relay	底座 Socket	套装输入电压 Assembled Input Voltage	套装输出电压 Assembled Output Voltage	套装输出电流 Assembled Output Current	套装型号-螺钉 Assembled Model-Screw	套装型号-直插 Assembled Model-Push-in	导通时间 Turn-on Time	关断时间 Turn-off Time
DRPS-1C-SSR-D24/A240/1-09Z(H)	螺钉:DPSF05A-E1-00Z(H) 直插:DPRF05A-E1-00Z(H)	24VDC	240VAC	1A	DRPSS-1C-SSR-L-D24/A240/1-09Z(H)	DRPSP-1C-SSR-L-D24/A240/1-09Z(H)	1/2cycle+1ms	1/2cycle+1ms

## 技术参数 General Specifications

### 输入参数 (Ta=25°C) Input Specifications (Ta=25°C)

额定输入电压 Rated Input Voltage	DC5V	DC12V	DC24V
控制电压范围 Control Voltage Range	4-6VDC	9.6-14.4VDC	19.2-28.8VDC
确保导通电压 Must Turn-on Voltage	4VDC	9.6VDC	19.2VDC
确保关断电压 Must Turn-off Voltage	1VDC		
最大控制电流 Maximum Input Current	25mA (@6VDC)	25mA (@14.4VDC)	25mA (@28.8VDC)
输入频率 Input Frequency	10Hz		

### 输出参数 (Ta=25°C) Output Specifications (Ta=25°C)

负载电压范围 Load Voltage Range	24V-280VAC	
最大瞬态电压 Maximum Transient Overvoltage	600Vpk	
负载电流范围 Load Current Range	1A: 0.01 - 1A	2A: 0.1 - 2A
最大导通时间 Maximum Turn-on Time	1/2cycle+1ms	
最大关断时间 Maximum Turn-off Time	1/2cycle+1ms	
最大浪涌电流(在10ms内) Maximum Surge Current (@10 ms)	1A: 30A	2A: 40A
最大断态漏电流(在额定电压下) Maximum Off-State Leakage Current@Rated Load Voltage	1.5mA	
最大导通压降(在额定电流下) Maximum On-State Voltage Drop@Rated Current	1.5Vrms	
断态电压指数上升率dv/dt Minimum Off-State dv/dt @ Maximum Rated Voltage	200V/μs	

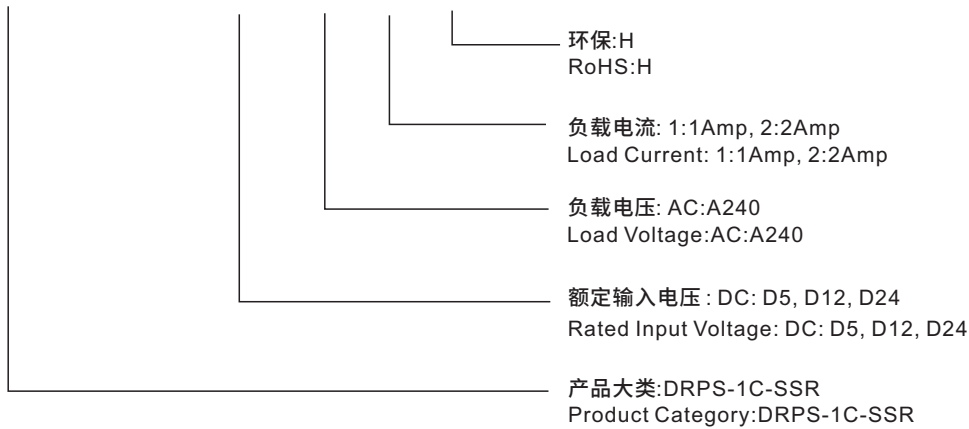
### 其他参数 (Ta=25°C) General Specifications (Ta=25°C)

介质耐压(输入-输出, 50Hz/60Hz) Dielectric Strength (50/60Hz)	2500Vrms
绝缘电阻(@500VDC) Minimum Insulation Resistance (@500VDC)	1000MΩ
工作温度范围* Ambient Temperature Range*	-30°C ~ +80°C
储存温度范围 Storage Temperature Range	-30°C ~ +100°C
重量(典型值) Weight (Typical)	4g

\* 需要紧密安装使用时, 请与我司技术支持取得联系。  
\* Please contact our technical support if you need to use it for close installation.

## 型号订购 Model Order

### DRPS-1C-SSR-D24/A240/1-09Z(H)

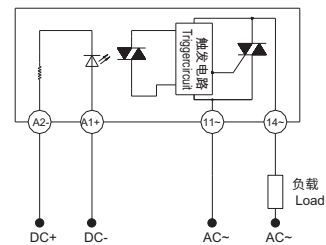
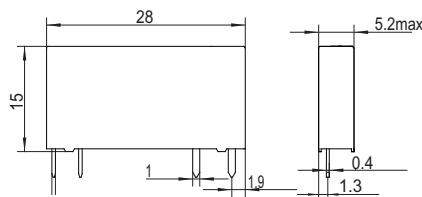


## 外形尺寸图 Overall Dimensions

## 接线图 Wiring Diagrams

DRPS-1C-SSR

DRPS-1C-SSR



## 温度曲线 Thermal Derating Curve

