



DRPG-1C-SSR-DXX/AXX/X-E

### 特点

- 紧凑型, 宽度30mm
- 过零或随机导通开关
- 负载电流: 10A、16A、25A
- Triac输出
- 直流输入
- 介质耐压: 4000Vrms
- LED指示灯
- 内置RC保护电路

### Features

- Compact type, width 30mm
- Zero crossing or random on-off switch
- Load Current: 10A, 16A, 25A
- Triac Output
- DC Input
- Dielectric withstand voltage: 4000Vrms
- LED Indicator
- Built-in RC protection circuit

## 技术参数 General Specifications

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

控制电压范围 Control Voltage Range	4-32VDC
确保导通电压 Must Turn-on Voltage	4VDC
确保关断电压 Must Turn-off Voltage	1VDC
最大控制电流 Maximum Input Current	25mA ( @32VDC )

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

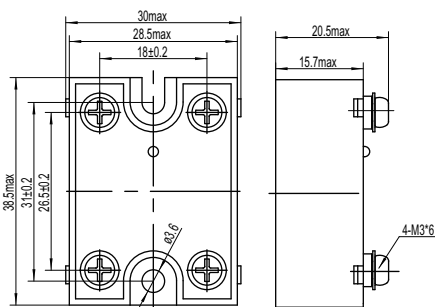
负载电压范围 Load Voltage Range	240VAC: 24V-280VAC	380VAC: 24V-440VAC
最大瞬态电压 Maximum Transient Overvoltage	240VAC: 600Vpk	380VAC: 800Vpk
最大导通时间 Maximum Turn-on Time	10ms	
最大关断时间 Maximum Turn-off Time	10ms	
最大浪涌电流(在10 ms内) Maximum Surge Current (@10 ms)	10A: 120A	16A: 160A 25A: 250A
I <sup>2</sup> t 值 Value of I <sup>2</sup> t	10A: 50A <sup>2</sup> s	16A: 160A <sup>2</sup> s 25A: 312A <sup>2</sup> s
最大断态漏电流(在额定电压下) Maximum Off-State Leakage Current@Rated Load Voltage	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)	Input/Output: 4000Vrms	Input, Output/Base: 2500Vrms
绝缘电阻(@500VDC) Minimum Insulation Resistance (@500VDC)	1000MΩ	
工作温度范围 Ambient Operating Temperature Range	-30°C ~ +80°C	
储存温度范围 Ambient Storage Temperature Range	-30°C ~ +100°C	
重量(典型值) Weight (Typical)	35g	

**型号订购 Model Order**
**DRPG-1C-SSR-D24/A240/10-E-09Z(H)**

	环保:H RoHS:H
	E:紧凑型, P 输出TVS保护, R随机开关 E:Compact, P Output TVS protection, R Random switching
	负载电流: 10:10Amp, 16:16Amp, 25:25Amp Load Current: 10:10Amp, 16:16Amp, 25:25Amp
	负载电压: 240:240VAC, 380:380VAC Load Voltage:240:240VAC, 380:380VAC
	额定输入电压 : DC: 24V Rated Input Voltage: DC:24V
	产品大类:DRPG-1C-SSR Product Category:DRPT-1C-SSR

**外形尺寸图 Overall Dimensions**
**DRPG-1C-SSR**

**接线图 Wiring Diagrams**
**DRPG-1C-SSR**

**温度曲线 Thermal Derating Curve**
