

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

特点

- 过零或随机导通开关
- 负载电流: 25A-40A@48- 660VAC
- TRIAC输出或SCR输出
- 直流输入
- 介质耐压: 4000V/rms
- LED指示灯
- 可选内置TVS保护

Features

- Zero crossing or random on/off switch
- Load Current: 25A-40A@48- 660VAC
- TRIAC output or SCR output
- DC input
- Dielectric withstand voltage: 4000V/rms
- LED Indicator
- Optional built-in TVS protection

技术参数 General Specifications

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

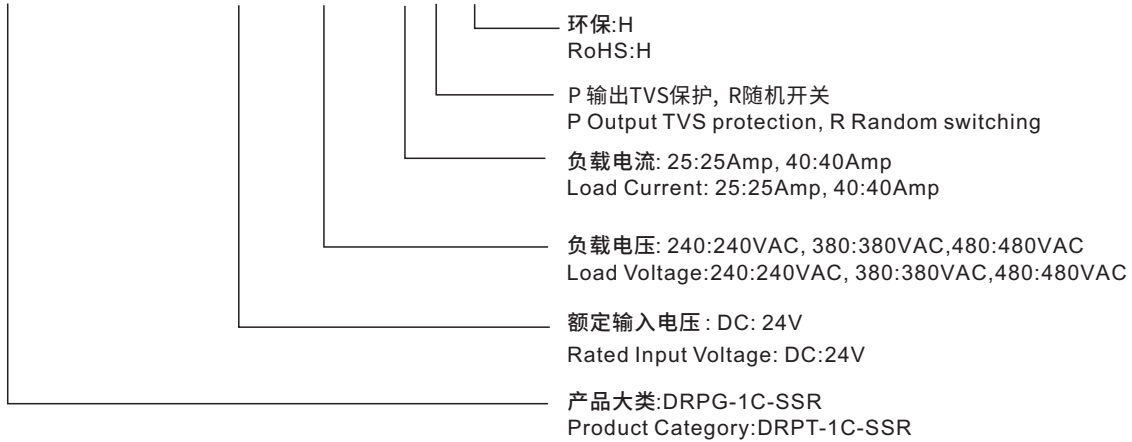
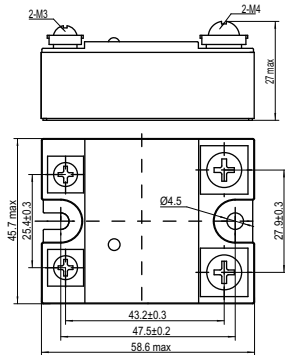
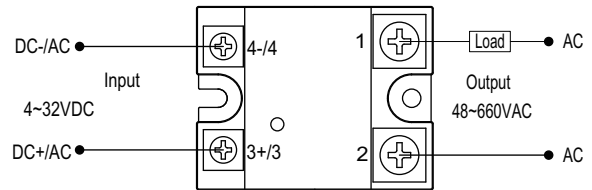
控制电压范围 Control Voltage Range	4-32VDC
确保导通电压 Must Turn-on Voltage	4VDC
确保关断电压 Must Turn-off Voltage	1VDC
最大控制电流 Maximum Input Current	25mA (@32VDC)

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

负载电压范围 Load Voltage Range	240VAC: 48V-280VAC	480VAC: 48V-530VAC	600VAC: 48V-660VAC
最大瞬态电压 Maximum Transient Overvoltage	DRPG-1C-SSR-D24/A240/XX-XXZ(H): 600Vpk DRPG-1C-SSR-D24/A480/XX-XXZ(H): 1200Vpk DRPG-1C-SSR-D24/A600/XX-XXZ(H): 1600Vpk		
TVS击穿电压范围 TVS Breakdown Voltage Range	DRPG-1C-SSR-D24/A240/XX-XXZ(H): 456~504V DRPG-1C-SSR-D24/A480/XX-XXZ(H): 912~1008V DRPG-1C-SSR-D24/A600/XX-XXZ(H): 1045~1155V		
负载电流范围 Load Current Range	25A: 0.1-25A	40A: 0.1-40A	
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10 ms内) Maximum Surge Current (@10 ms)	25A: 250A	40A: 500A	
最大I _t t值(@10ms) Maximum I _t t value (@10ms)	25A: 312A's	40A: 1250A's	
最大断态漏电流(在额定电压下) Maximum Off-State Leakage Current@Rated Load Voltage	10mA		
最大导通压降(在额定电流下) Maximum On-State Voltage Drop@Rated Current	1.7Vrms		
断态电压指数上升率dv/dt Minimum Off-State dv/dt @ Maximum Rated Voltage	TRIAC output: 200V/μs SCR output: 500V/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)	96g	

型号订购 Model Order
DRPG-1C-SSR-D24/A240/25-X-09Z(H)

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
