

SDM直流固态继电器

SDM DC Solid State Relay



产品具备欧盟CE认证

- 具有寿命长, 可靠性高
- 开关速度快、抗干扰能力强
- 电磁干扰小、无声、无火花
- 特别适用于腐蚀、潮湿、防尘、要求防爆等恶劣环境及频繁开关的场合



产品命名规则

S	D	M	**	**	D
SSR (固态继电器)	D:直流输出	M:条型	负载电压 40:12-400VDC 100:12-1000VDC	负载电流 100:100A 600:600A	控制信号 D:4-15VDC/ 15-32VDC

产品用途 Product purpose

该系列产品广泛应用于直流电机驱动, 电磁阀, 通讯与网络设备, 计算机终端产品, 数字音响, 视频设备自动化控制系统。

This series of products is widely used in DC motor drives, solenoid valves, communication and network equipment, computer terminal products, digital audio, and video equipment automation control systems.

产品选型 Product Selection

产品型号	负载电压	负载电流	输出功率器件	控制信号	绝缘隔离	开关时间	动作状态指示
SDM40100D	12-400VDC	100A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	输入LED灯指示
SDM40150D	12-400VDC	150A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	输入LED灯指示
SDM40200D	12-400VDC	200A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	无LED灯指示
SDM40300D	12-400VDC	300A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	无LED灯指示
SDM40400D	12-400VDC	400A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	无LED灯指示
SDM40600D	12-1000VDC	600A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	无LED灯指示
SDM100100D	12-1000VDC	100A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	输入LED灯指示
SDM100150D	12-1000VDC	150A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	输入LED灯指示
SDM100200D	12-1000VDC	200A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	无LED灯指示
SDM100300D	12-1000VDC	300A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	无LED灯指示
SDM100400D	12-1000VDC	400A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	无LED灯指示
SDM100600D	12-1000VDC	600A	IGBT	4-15VDC or 15-32VDC	≥2000VAC	20ms	无LED灯指示

产品参数 Product parameters

输入参数		其它参数	
控制电压范围	4-15VDC or 15-32VDC	最小隔离电压	输入与输出之间≥2000VAC
确保导通电压	4VDC/15VDC	最小绝缘电压	输入输出与底板≥2000VAC
确保关断电压	2VDC/11VDC	绝缘电阻	1000MΩ(500VDC)
控制电流范围	4-30mA	工作环境温度	-40~80℃
输出参数			
负载电压范围	SDM40系列	SDM100系列	
	12-400VDC	12-1000VDC	
最小导通电流	2mA	最大导通时间	> 20ms
最大通态压降	1.75VDC	最大关断时间	> 20ms
最大断态电流	0.5mA	工作频率	45-65HZ

产品尺寸图 Product dimension diagram

单位 (mm)

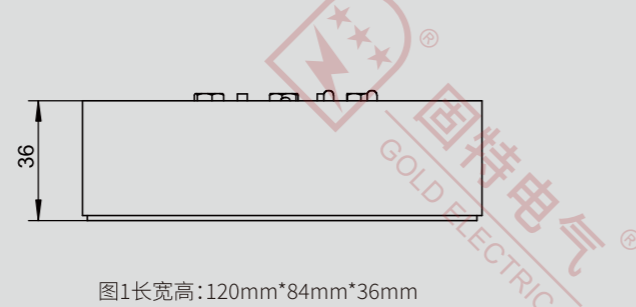
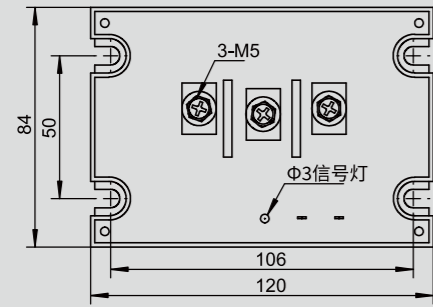


图1长宽高: 120mm*84mm*36mm

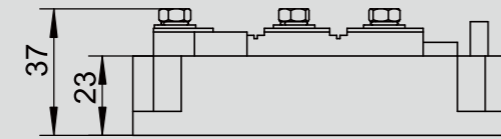
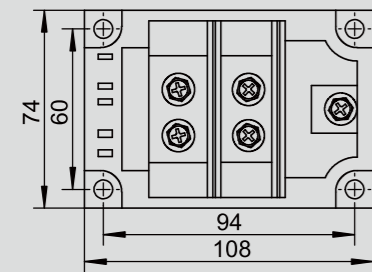
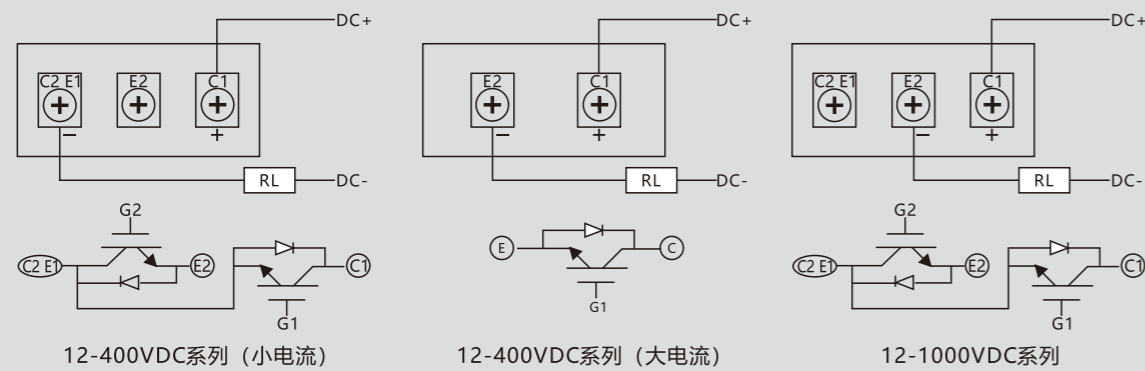


图2长宽高: 108mm*74mm*37mm
200A以上尺寸来电咨询

产品接线图 Product wiring diagram



12-400VDC系列 (小电流)

12-400VDC系列 (大电流)

12-1000VDC系列

推荐散热器 Recommended radiator

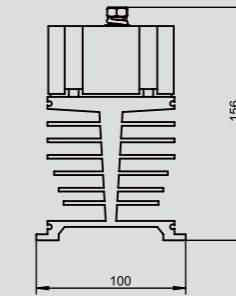
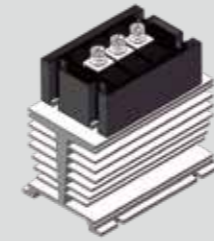


图1--T型散热器

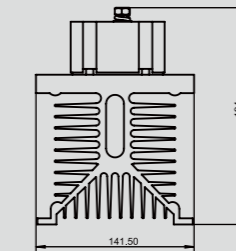
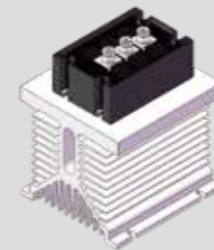
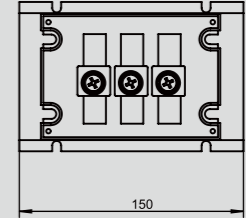


图1--W型散热器

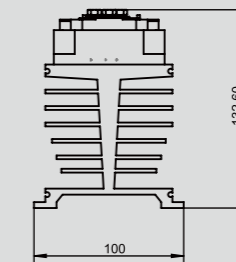
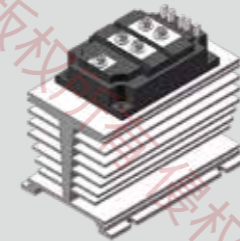
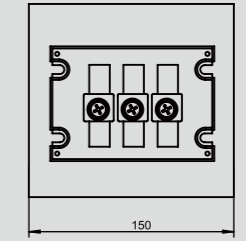


图2--T型散热器

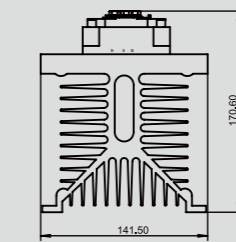
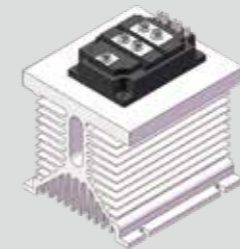
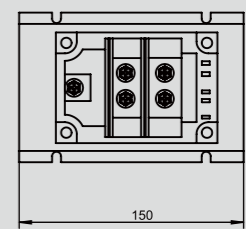


图2--W型散热器

