

## ▶ AC CONTROL AC-AC (交流控制交流AC-AC)



1-480  AA



SSR-1AA  A



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<b>Control (控制)</b>	AC to AC
<b>Load Current (负载电流)</b>	10A/25A/40A/50A/60A 75A/80A/90A/100A/120A
<b>Control Voltage (控制电压)</b>	70-280VAC
<b>Max Input Current (最大输入电流)</b>	15mA
<b>Must Opelease Voltage (确保导通工作电压)</b>	70VAC
<b>Must Release Voltage (确保导通释放电压)</b>	30VAC
<b>Output Voltage (输出电压)</b>	24-480VAC
<b>Peak Voltage (峰值电压)</b>	800V
<b>Operation Temperature (工作温度)</b>	-30°C to 80°C
<b>Max Off-State Leakage Current (最大断态漏电流)</b>	2mA
<b>Max On-State Voltage Drop (最大通态压降)</b>	1.5V
<b>Dielectric Strength (介质耐压)</b>	2500V
<b>Certificates (证书)</b>	CE
<b>Dimenslons(mm) (尺寸)</b>	58.5x 45.5X29
<b>Net Weight (净重)</b>	95g

AC solid state relay (SSR) features high structural strength, good impact resistance, and strong shock resistance. The SSR offers a reliable switching the commercial and industrial loads, such as computer peripheral interface device, printing machine, molding machine, food machine, packaging machine, and so on.

- Built in RC absorption
- Photoelectric isolation
- SCR output
- LED indicator for operation status
- Removable protective cover for safety
- Panel mount
- Zero-crossing switch type

<b>Input</b>	Control voltage range	70-280V AC
	Max. input current	15mA
	Must operate voltage	70V AC
	Must release voltage	50V AC
<b>Output</b>	Load voltage range	24-480V AC
	Peak voltage	800V AC
	Maximum load current	10A
	Maximum off-state leakage current	2mA
	Maximum off-state time	10mS
	Maximum on-state voltage drop	1.5V
<b>General</b>	Type	AC to AC, single phase
	Dimension L - W - H (mm)	57.4x44.8x28
	Weight	100g
	Dielectric strength (input to output)	4000V
	Dielectric strength (input, output to the base)	2500V
	Operating temperature	-20°C~ 80°C
	Mount	Panel
	Certification	CE

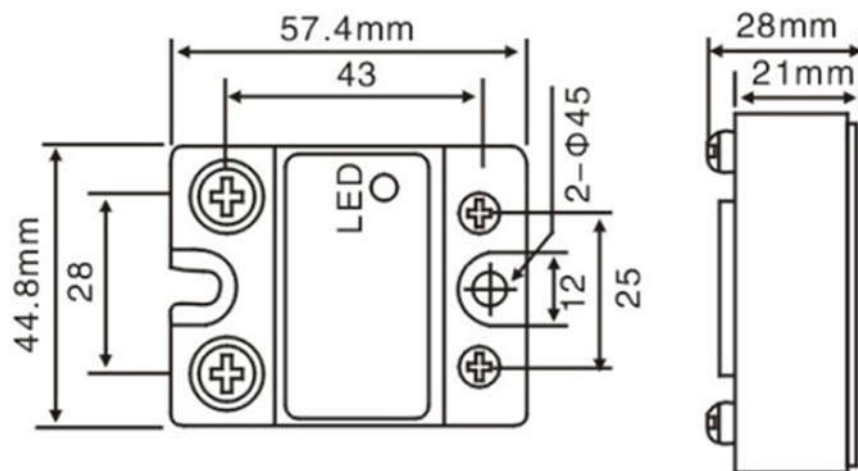
**Note:**

1. When the load is a resistive load, the maximum load current of the selected SSR should be 2~3 times greater than the actual load current;
2. When the load is an inductive load, the maximum load current of the selected SSR should be more than 7~8 times the actual load current.
3. When the maximum load current is higher than 10A, a heat sink must be installed to the solid state relay, or the SSR relay should be mounted on a metal base plate with heat dissipation effect, and the thermal grease is applied between them.

**Heat Sink**

Product Name	Heat Sink for SSR	
Material	Aluminum	
Dimension	Roof Size: 60 x 50mm Foot Size: 80 x 50mm Height: 50mm	
Mounting Size	Mounting Hole Diameter: 3mm Threaded Hole Distance: 48mm	
Weight	115g	
Application	≤15A single phase SSR solid state relay	

**Dimensions (Unit: mm)**



Wiring Diagram

